

Accessories

Steel Locker Accessories



SNAPSHOT SPECIFICATIONS - Section 10 51 13

PART 1 - GENERAL

1.01 SECTION INCLUDES

Accessories for Metal Lockers

1.02 REFERENCES

ADAAG - Americans with Disabilities Act, Accessibility Guidelines.

1.03 SUBMITTALS

Submit under provisions of Section 01 33 00. Shop Drawings shall show dimensioned plans, elevations, and sections.

1.04 DELIVERY, STORAGE AND HANDLING

Store products in manufacturer's unopened packaging until ready for installation to protect the locker finish and adjacent surfaces from damage.

PART 2 - PRODUCTS

2.01 MANUFACTURER

Penco Products, Inc. or approved equal based upon ability to provide product compliant with specifications of the product selected. Provide only metal lockers fabricated in the United States by a single domestic manufacturer.

Lockers shall be GREENGUARD Gold Certified by UL Environment through the GREENGUARD Certification Program.

2.02 MATERIALS

Steel: All Penco standard lockers are constructed using prime grade steel free from surface imperfection suitable for powder coating. Alternate material: Prime grade steel shall be fabricated using galvanized steel and finished in the same manner. Forged steel coat hooks with balled ends and truss fin head bolts and hex nuts will be zinc coated and supplied for all lockers unless otherwise indicated.

2.03 ACCESSORIES

Number Plates: Provide each locker with a polished aluminum number plate, 2-1/4 inches (57 mm) wide by 1 inch (25 mm) high, with black numerals not less than 3/8 inch (9.5 mm) high; attach to face of door with two aluminum rivets.

Closed Bases (KD): 18 gauge closed metal front and end bases, finished to match lockers.

Locks: Built-in flat key locks; master-key to same series.

Locks: Built-in grooved key locks (pin tumbler); master-key to same series.

Locks: Built-in three-number dialing combination locks capable of at least five different combinations changes; provide master key, combination change key, and combination control charts.

Padlocks: Master-keyed three-number dialing combination type padlocks; provide master key. Mechanism must be resistant to "shimming".

Coin-Operated Locks: Coin return/deposit type configured for token, one or two quarter operation. Coin collect/pay type w configured for token, one or two quarter operation.

Continuous Sloped Hoods: 18 gauge steel, slope rise equal to 1/3 of the locker depth (18.5 degrees), plus a 1 inch (25 mm) vertical rise at front. Supplied in 72 inch (1829 mm) lengths only and joined using slip joints without visible fasteners at splice locations and using end closures as necessary. Finish shall match lockers.

Continuous Sloped Hoods: 16 gauge steel, slope rise equal to 1/3 of the locker depth (18.5 degrees), plus a 1 inch (25 mm) vertical rise at front. Supplied in 72 inch (1829 mm) lengths only and joined using slip joints without visible fasteners at splice locations and using end closures as necessary. Finish shall match lockers.

Unit Slope Tops for Standard KD Lockers: 24 gauge steel, slope rise equal to 1/3 of the locker depth, finish to match lockers.

Boxed Finished End Panels: Minimum 16 gauge steel formed to match locker depth and height, 1 inch (25 mm) edge dimension and attached using concealed fasteners. Finish shall match lockers.

Front Fillers: 20 gauge steel formed in an angle shape, with 20 gauge slip joint angles formed in an angle shape with double bend on one leg forming a pocket to provide adjustable mating with angle filler. Attach using concealed fasteners. Finish shall match lockers.

Zee Bases for Knock-Down Lockers: 14 gauge, steel flanged outward at top for support of lockers, flanged inward at

bottom for anchoring to floor. Height shall be 4 inches (101 mm) or 6 inches (150 mm).

Recess Trim: 18 gauge steel, 3 inch (75 mm) face dimension and supplied as vertical and/or horizontal as required.

Attaches to lockers with concealed clips and finished to match lockers.

Basket Racks: 1 inch by 1 inch (25 by 25 mm) by 13 gauge steel angle posts punched for bolting shelves, 12 gauge steel sway braces at back and sides, 20 gauge steel shelves formed with down-turned flanges at back to act as backstops.

Benches: Laminated selected hardwood, 1-1/4 inch (31 mm) full finished thickness, corners rounded and sanded, surfaces finished with two coats of clear lacquer. Standard width: 9-1/2 inches (240 mm) wide. Supply in optional widths and/or lengths as shown.

Heavy-Duty Bench Pedestals: Steel tubing with 11 gauge steel flanges welded to each end, 16-1/4 inches (412 mm) high, finish to match lockers.

Stainless Steel Free-Standing Bench Pedestals: 2-inch (50 mm) diameter brushed 16 gauge stainless steel formed into a trapezoid, 14 inch (355 mm) wide bottom with two 5/16 inch (7.9 mm) diameter holes, top flange with four 5/16 inch (7.9 mm) diameter holes for fastening to bench.

2.04 FABRICATION

Fabrication shall be on the unit principle, each locker with individual frame, individual top, bottom, back, and shelves.

Finish: High quality powder coat paint finish applied in strict adherence to paint manufacturer's specifications to provide optimum appearance and performance. Finishes releasing VOCs are not acceptable. Standard coating thickness is 1 mil dry film thickness minimum. Powder Coat Plus option increases thickness to 2 mil minimum. Colors as selected from manufacturer's standard colors. All locker body components shall match color of door and frame.

Alternative finishes: Custom color match, Anti Graffiti, antimicrobial, TGIC and high performance finishes are available.

PART 3 - EXECUTION

3.01 EXAMINATION

Do not begin installation until substrates and bases have been properly prepared. If substrate and bases are the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 INSTALLATION

Install metal accessories at locations shown in accordance with manufacturer's instructions. Install sloping tops and metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces. Install front bases between KD locker legs without overlap or exposed fasteners. Provide end bases on exposed ends. Install benches by fastening bench tops to pedestals and securely anchoring to the floor using appropriate anchors for the floor material.

3.03 ADJUSTING

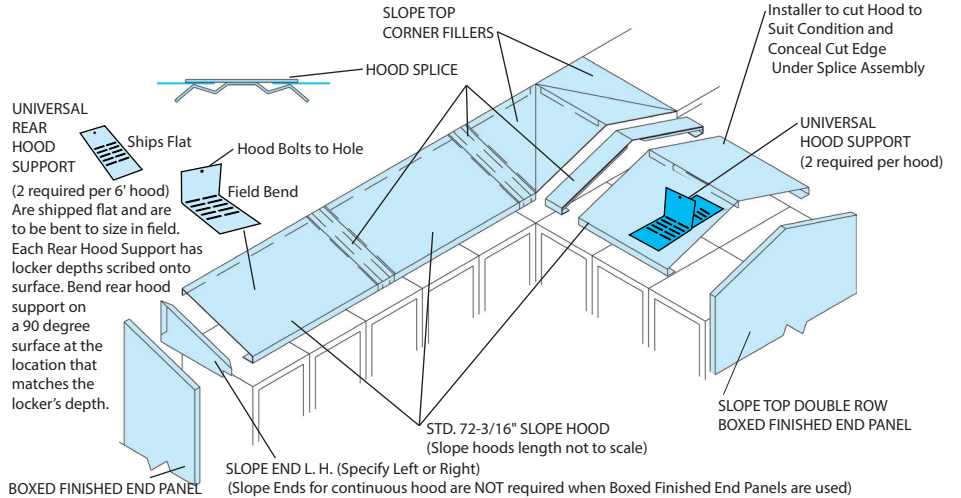
Adjust built-in locks to prevent binding of dial or key and ensure smooth operation prior to substantial completion.

Touch-up with factory-supplied paint and repair or replace damaged products before substantial completion.

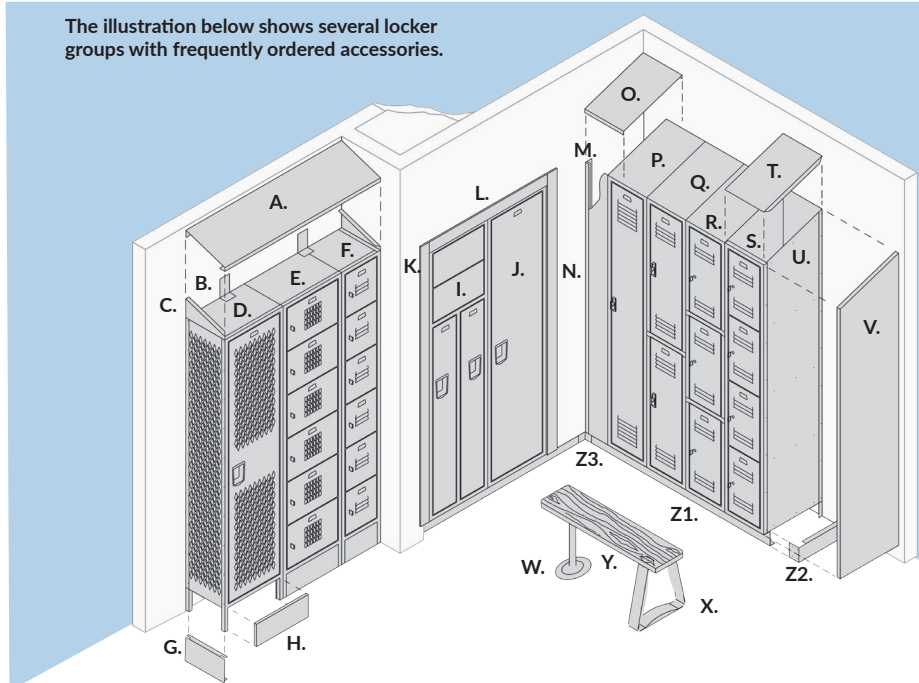
3.04 PROTECTION

Protect installed products until completion of project.

Typical Installation



The illustration below shows several locker groups with frequently ordered accessories.



Key for Illustration

- A. Slope Hood
- B. Universal Rear Hood Support
- C. Slope End for Hood L.H. (Left Hand)
- D. Single Tier Invincible
- E. 6 Tier Box Locker w/Visual Doors
- F. 6 Tier Box Locker w/Std. Louvers
- G. End Base, 6" High
- H. Front Base, 6" High

- I. Two Person Guardian
- J. Single Tier Guardian
- K. Side Recess Trim
- L. Top Recess Trim
- M. Wall Angle Slip Joint
- N. Vertical Filler
- O. Filler, Slope Top
- P. Single Tier Vanguard
- Q. Double Tier Vanguard
- R. Three Tier Vanguard

- S. Four Tier Vanguard
- T. Slope Top, Unit Construction
- U. Slope Top Division (Side)
- V. Boxed Finished End Panel (Right Hand)
- W. Heavy Duty Bench Pedestal
- X. Stainless Steel Bench Pedestal
- Y. Hardwood Bench
- Z1. Zee Base, 4" high
- Z2. Zee End Base/Splice
- Z3. Zee Inside Corner Splice

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