

## Knocked Down Duty Locker

These are snapshot specifications for quick reference and product selection. Full MasterFormat Specifications with expanded product information can be found on [pencoproducts.com](http://pencoproducts.com) and may include updates as a result of Penco's continuous product improvement initiatives.

### At a Glance...

- Heavy-duty gear locker with 33 inch deep drawer base
- Drawer base extends out as a bench
- 14 ga. door, 16 ga. tops, bottoms, sides and shelves
- Three point cremone handle standard



## SNAPSHOT SPECIFICATIONS - Section 10 51 13

### PART 1 - GENERAL

#### 1.01 SECTION INCLUDES

Heavy Duty Knocked Down Duty 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 HEAVY DUTY LOCKERS

**Acceptable Product:** Penco Patriot Duty knocked-down lockers. Tops, Bottoms, Sides, and Shelves shall be fabricated from 16 gauge and backs from 18 gauge sheet steel. Locker doors shall be 14 gauge.

**Door Frame:** Channel shape, not less than 16 gauge steel. Provide vertical door frame members with additional 3/8 inch (9.5 mm) flange as a continuous door strike. Intermediate cross frame members are standard on double and triple tier lockers.

**Multi-Point Latch Doors:** One piece sheet steel with full channel formation of adequate depth to fully conceal lock bar on lock side, channel formation on hinge side, right angle formations across top and bottom, with holes for attaching number plates. Doors over 15 inches wide by 60 inches or 72 inches high will include a 3 inch wide 20 gauge full height reinforcing pan welded to inside face of door at 6 inch centers.

**Ventilation:** Standard Ventilation: 6 inch (152.4 mm) wide by 3/4" high (19.05 mm) high horizontal louvers arranged two groups of 6. Sides shall be solid. Optional 3/4 inch (19 mm) wide by 1-1/2 inch (38 mm) high diamond-shaped perforations on doors and sides.

**Hinges:** Continuous type: 16 gauge piano hinge measuring full height of door. Welded to door and attached to locker frame using steel rivets.

#### 2.04 DOOR HANDLES AND LATCHING

**Single Tier Lockers:** Cremone Latching: Handle shall be a heavy duty turn handle that engages the door frame on three sides. The top and bottom frames are engaged with 3/8 inch (9.5 mm) steel rods, and a 1/8 inch (3 mm) thick center latch engages at the side. Double door configurations shall consist of a left hinged door secured its full length by the right hinged door when latched. Handle assembly shall be secured to door using a threaded lock nut to facilitate adjustment and removal for repair if necessary. Welded handle assemblies shall not be accepted. Double door configurations delivered knocked down will have doors shipped separately for attachment on site using supplied hardware.

**Single Tier Featuring Multi-point Latching:** (Single doors up to 24 inches wide only) Classic III Multi-point latching with recessed handle activated by a 14 gauge finger-lift control handle in a 22 gauge drawn and brushed stainless steel pocket fastened to the door with two tabs and a positive tamper-resistant decorative fastener. Depth shall be sufficient to prevent a standard combination padlock, built-in combination lock, or key lock from protruding beyond door face. Nylon lift trigger accommodates use of 9/32 inch padlock. Doors shall use glass-filled nylon clips to engage the door frame and hold the door shut at three points.

## SNAPSHOT SPECIFICATIONS (continued)

**Locking Device:** Positive, automatic type, whereby locker may be locked when open, then closed without unlocking. Firmly secure one rubber silencer in frame at each latch hook.

**Alternate Handle:** (Single doors up to 24 inches wide only) Defiant II single point latch with a 22 gauge drawn and brushed stainless steel pocket fastened to the door with two tabs and a positive tamper-resistant decorative fastener. Depth shall be sufficient to prevent a standard combination padlock, built-in combination lock, or key lock from protruding beyond door face.

**Locking Device:** 11 gauge steel hasp welded to locker frame; include surface for engaging the horizontal bolt of a built-in combination or key lock and anti-pry lug and slot to deter prying open when locked. Firmly secure rubber silencers to locker frame.

**Alternate Locking Device:** (Single doors up to 24" wide only) 11 gauge steel hasp welded to locker frame; include surface for secure wrap around vertical engagement by a built-in rotary-type lock to deter prying open when locked. Hasp must be adaptable to common horizontal throw locker lock and padlock use. Firmly secure rubber silencers to locker frame.

**Drawer Base:** 18 inch high, 33 inch deep welded 14 gauge case assembly with 16 gauge drawer body supported by ball bearing extension glides rated at 250 pounds per pair. Drawer sides lanced to accept steel dividers. Spacing allows use of common hanging file folders. Drawer face to have integral finger grab and accept built-in spring bolt locker lock. Accepts 9.5 inch by 1.25 inch laminated hardwood bench. Duty Lockers may be specified without drawer unit.

### 2.05 FABRICATION

Pre-assemble lockers by welding into one piece structures as single units with integral 4" channel base. Welds free of burrs; no bolts, nuts, or rivets allowed in assembly of main locker groups.

**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.

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.

## 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 lockers and accessories at locations shown in accordance with manufacturer's instructions. Install lockers plumb, level, and square. Anchor lockers to floor and wall at intervals recommended by the manufacturer. Bolt adjoining locker units together to provide rigid installation.

### 3.03 ADJUSTING

Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily. Adjust

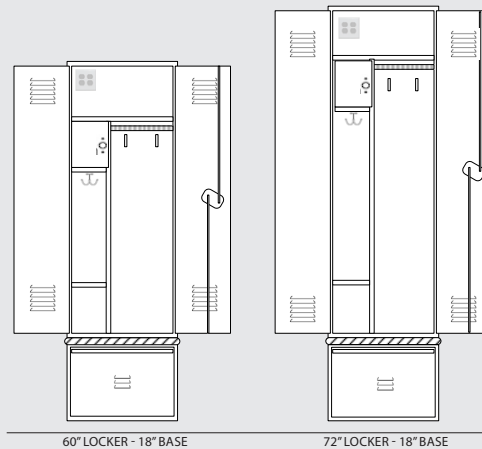
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