

## Knocked Down Steel 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...

- KD Lockers for School Corridors
- Standard solid 16 ga. door
- 14 ga. Guardian Plus door available
- Medallion sound dampening panel available



### SNAPSHOT SPECIFICATIONS - Section 10 51 13

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

Standard Knocked Down 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

Acceptable Manufacturer: Penco Products, Inc., which is located at: 1820 Stonehenge Drive, Greenville, NC 27858; Tel: 800-562-1000; Fax: 800-248-1555; Email: [general@pencoproducts.com](mailto:general@pencoproducts.com); Web: [www.pencoproducts.com](http://www.pencoproducts.com)

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 galvalneal 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 STANDARD LOCKERS

**Acceptable Product:** Penco Guardian, knock-down lockers. Tops, Bottoms, Backs, Sides, and Shelves fabricated from 24 gauge sheet steel. Locker doors are 16 gauge steel. 6 inch legs are standard and can be deleted as a no cost option.

**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 18 inches and wider by 36 inches or higher will include a 3 inch wide 20 gauge full height reinforcing pan welded to inside face of door at 6 inch centers.

**Ventilation:** Flush door front with no exposed louvers and air flow slots located in top and bottom flanges of door.

**Hinges:** Two inch high, double spun, full loop, tight pin, projection welded to door frame and securely fastened to the door with aluminum rivets. Provide three 2 inch five-knuckle hinges on doors over 48 inches high and two 2 inch high five-knuckle hinges on all other doors.

##### 2.04 DOOR HANDLES AND LATCHING

**Two Person and Duplex Lockers, 1, 2 and 3 Tier featuring multi-point latching:**

**Recessed Handle:** Classic III Multi-point latching with recessed handle activated by a finger-lift control handle in a 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 over 48 inches high shall use glass-filled nylon clips to engage the door frame and hold the door shut at three points. All other doors engage at two points.

**Locking Device:** Positive, automatic type, whereby locker may be locked when open, then closed without unlocking. Firmly secure rubber silencers to locker frame.

**2.05 INTERIOR EQUIPMENT:** Single Tier come with hat shelf and lockers 18-inch or deeper come with coat rod.

## SNAPSHOT SPECIFICATIONS (continued)

### ADA-Compliant Lockers (Recessed Handles with Multi-Point Latch):

Single Tier: Hat shelf 48 inches from locker bottom or lower as required by base condition. Double Tier: Only bottom opening, a shelf placed 15 inches off the floor or lower as required by base condition.

### 2.07 FABRICATION

Fabrication shall be on the unit principle, each locker with individual door and frame, individual top, bottom, back, and shelves, with common intermediate divisions separating compartments.

**Finish:** Hybrid Polyester powder coat paint finish electrostatically applied and properly cured to manufacturer's specifications for optimum performance. Finishes releasing VOC's and subject to out-gassing are not acceptable. Locker exterior and interior shall be painted the same color. Standard coating thickness is 1 to 1.2 mils (0.025 to 0.03 mm) dry film thickness minimum. Powder Coat Plus option is 2 to 2.2 mils (.05 to .055 mm). Colors as selected from manufacturer's standard colors. Most Guardian lockers types and sizes are based on using Common Color Body Parts.

**Alternative finishes:** Custom color match, Anti-Graffiti, Anti-Microbial 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 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 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.

## DOOR OPTIONS

**Guardian Medallion:** Doors will include a sound pan, 3 inch wide 22 gauge partial height pan welded to inside face of door.

**Guardian Plus:** Locker doors are fabricated from 14 gauge sheet steel.

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### Ventilation Options



Solid Door (S)



Mini Louvers (O)\*



Diamond Shaped (O)\*

### Door Handle Options



Classic III Recessed (S)

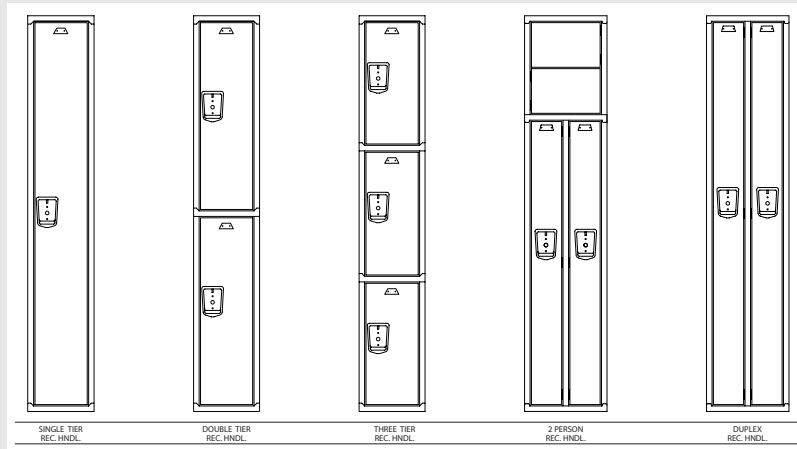


Cremone Turn Handle (A)\* On most 1, 2 and 3 Tier modles

S = Standard, O = Optional,

A = Optional on 14 gauge doors only

\*additional charges may apply



# PENCO



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