

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 and may include updates as a result of Penco's continuous product improvement initiatives.

At a Glance...

- General purpose economy storage
- Knocked Down Construction
- 16 ga. doors and 18 ga. doors
- Powder Coat Finish



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; Web: 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 mild cold-rolled sheet steel free from surface imperfection meeting ASTM A1008 and capable of taking a high-grade enamel powder coat finish. Alternate material: Sheet steel

components shall be fabricated using zinc-coated steel meeting ASTM A653 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 Vanguard, knock-down lockers. Tops, Bottoms, Backs, Sides, and Shelves fabricated from 24 gauge sheet steel. Locker doors measuring 20-inches or higher are 16 gauge steel. All others are fabricated from 18 gauge sheet 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.

Box Lockers: One piece sheet steel with channel formations on lock and hinge sides, right angle flanges on top and

bottom; pre-punch doors for padlock latch and friction catch and built-in combination and key locks.

Ventilation: Provide louvered doors in manufacturer's standard louver pattern.

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.

Die-Cast Handle: Chrome-plated zinc alloy die-cast case and handle attached to latch bar concealed inside door and tamperproof. Pulling handle out shall move latch bar up and open door in one motion and providing for use of 9/32 inch diameter padlock, integral with handle and located so that extension of handle forms padlock strike. Doors over 42-inches high shall use glass-filled nylon clips to engage

SNAPSHOT SPECIFICATIONS (continued)

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 in frame.

Box Lockers (3 to 6 Tier): Punch doors for use with padlocks or built-in locks and configure doors for use with padlocks with an 18 gauge combination door pull, staple, and lock hole cover plate with integral friction catch.

2.05 INTERIOR EQUIPMENT: Single Tier lockers 48.5-inches or higher and 18-inches or deeper come with a hat shelf and coat rod. Single Tier 12-inches and 15-inches deep come with hooks. Double Tier and Triple Tier come with hook.

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 Vanguard lockers types and sizes are based on using Common Color Body Parts.

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

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Ventilation Options



Standard Louvers (S)



Mini Louvers (O)



Visual Perf (O)

Door Handle Options



Classic III Recessed (S)

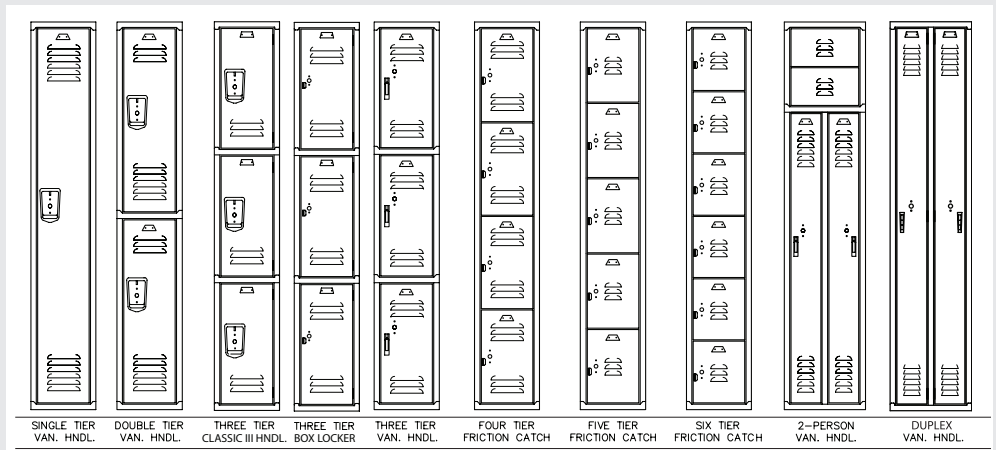


Die-Cast Vanguard Handle (S)



Friction Catch (SB)

S = Standard, O = Optional,
SB = Standard on Box Lockers



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Every customer's first choice to transform space into safe, secure and effective storage.

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