

# Invincible II™



## Knocked Down Steel Athletic 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 Athletic KD Lockers
- Diamond perforations on door and sides
- 14 ga. door, 18 ga. back, 16 ga. sides, tops, bottoms and shelves
- Classic III handle standard on 1, 2 and 3 tier



### SNAPSHOT SPECIFICATIONS - Section 10 51 13

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

Heavy Duty 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

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 Invincible II, 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. 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 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:** Doors and locker sides as standard have 3/4 inch (19 mm) wide by 1-1/2 inch (38 mm) high diamond-shaped perforations. Doors less than 20 inches tall have 7/16 inch (11 mm) wide by 15/16 inch (24 mm) high diamond-shaped perforations. Both doors and sides are available as solid as a no charge option.

**Hinges:** Two inch high, double spun, full loop, tight pin, projection welded to door frame and securely fastened to the door with steel 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

**1, 2 and 3 Tier Featuring Multi-point Latching:** 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 over 48 inches high shall use glass-filled nylon clips to engage.

**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.

**4-9 Tier Box Lockers:** Punch doors for use with padlocks or built-in locks. Equip doors for use with padlocks with an 18 gauge combination door pull, staple, and lock hole cover plate with integral friction catch.

# SNAPSHOT SPECIFICATIONS (continued)

## 2.05 INTERIOR EQUIPMENT

**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:** 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 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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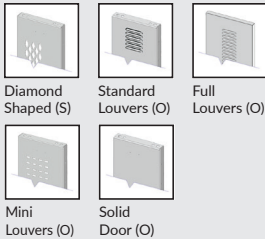
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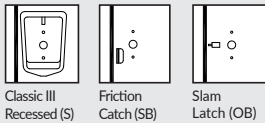
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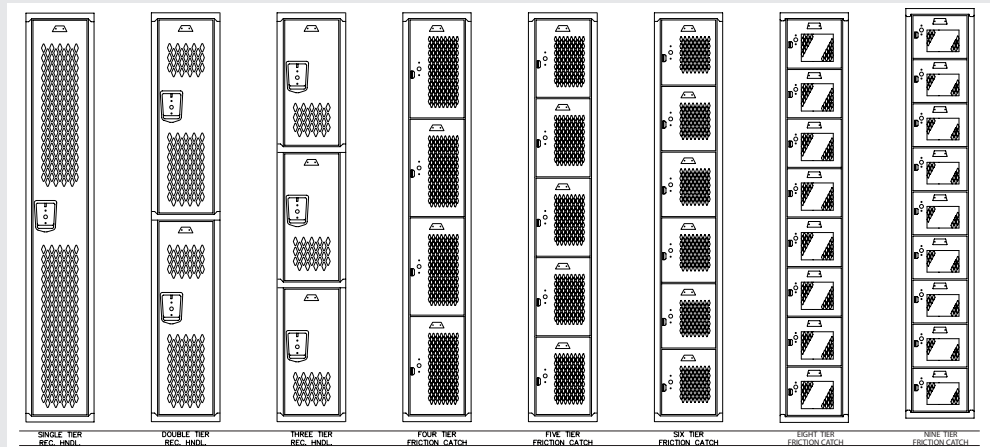
## Ventilation Options



## Door Handle Options



S = Standard    O = Optional    SB = Std. on Box Lockers  
OB = Optional on Box Lockers



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

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