



## Fully Framed Welded Duffel Locker



These are snapshot specifications for quick reference and product selection. Full 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 Rapid Response Duffel locker
- Knock-down construction
- 14-gauge Doors, 16-gauge Top and Bottom
- 16-gauge Solid Sides standard
- 16-gauge Diamond Sides optional
- Flattened Expanded Metal Sides optional
- Ultra Cremone Recessed Handle
- 4 or 6-inch high Channel Base available



### SNAPSHOT SPECIFICATIONS - Section 10 51 13

#### PART 1 - GENERAL

##### 1.01 SECTION INCLUDES

Heavy Duty Welded Fully Framed Rapid Response Duffel 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. Sheet steel components shall be zinc coated and free from surface imperfection and capable of taking high grade enamel finish.

Expanded metal divisions meet or exceed ASTM M1008/A1008M captured on all sides by the tubular shaped frame assembly. Self-tapping screws and rivets. Provide only metal lockers that conform to Made in US regulations.

##### 2.03 HEAVY DUTY LOCKERS

**Acceptable Product:** Penco Rapid Response Duffel Welded Locker. Tops and Bottoms shall be fabricated from 16 gauge. Backs from one 18 gauge sheet steel. Sides shall be 16 gauge Solid or 16 gauge Diamond Perforated steel or Flattened Expanded metal. Locker doors shall be 14 gauge.

**Doors:** 14 gauge steel with standard ventilation of 6 inch wide by 3/4 inch high horizontal louvers arranged in two groups of six. Solid or Diamond Ventilation optional. Provide holes for attaching number plates.

**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

**Two, Three and Four Tier Lockers:** Ultra Cremone Recessed Handle: Handle shall engage the door frame on three sides. The top and bottom frames are engaged with 3/8 inch (9.5 mm) steel rods, and a 1/4 x 3-inch-long center latch engages at the side or left door. Locate handle in the formed stainless steel pocket. 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 the pocket using a guided channel.

Pocket is secured to the door in two places. Doors over 18 inches wide and 36 inches high shall be reinforced using a 20-gauge vertical pan spot welded at a maximum of 8" on center to the hinge side of the door.

Door shall be reinforced using a 20-gauge vertical pan spot - welded a maximum of 8" on center to the hinge and latch side channels, and spot welded a maximum of 8" on center to the door skin along the upper and lower pan edge for optimum strength, quiet operation and stiffness.

##### 2.05 INTERIOR EQUIPMENT

No interior equipment provided as standard. See full specifications for optional interior equipment.

##### 2.06 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. Optional Name Card Holder.

**Channel Base:** 4-inch or 6-inch high 14 gauge Channel Base forming a "C" channel attached to locker bottom.

**Locks:** Built-in flat, grooved key, or three-number dialing combination locks, or three-number dialing padlocks.

**Finished End Panels:** Minimum 16-gauge steel formed to match locker depth and height, 1-inch (25 mm) edge dimension; finish to match lockers. Install with concealed fasteners.

## SNAPSHOT SPECIFICATIONS (continued)

See Full Specifications for complete list of accessories.

**2.07 FABRICATION** Fully framed construction, 8 male/female insertion points to provide the fully framed locker body, square, rigid, without warp, with metal faces flat and free of distortion. Each locker unit will have individual door and frame, individual top, bottom, back.

**Finish:** Enamel 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. Interior and Exterior shall be painted the same color. Standard coating thickness is 1 to 1.2 mil dry film thickness minimum. Powder Coat Plus option increases thickness to 2 to 2.2 mil minimum. Colors as selected from manufacturer's standard colors. All locker body components shall match color of door and frame.

**Special Finish:** Custom color, Anti-Graffiti, and Antimicrobial finishes 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. Install sloping tops and metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces. 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 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.

Get the Full Specifications Here

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#### Ventilation Options



Diamond Shaped (S) Solid Door (O) Full Louvers (O)

S = Standard, O = Optional

#### Door Handle Option



Ultra Cremona Recessed Handle



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