

Patriot[®] TA-50

Fully Framed Knocked Down Locker



These are snapshot specifications for quick reference and product selection. Full 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...

- Heavy-duty TA-50 locker
- Knocked-down construction
- 14-gauge Door, 16-gauge Top and Bottom
- 16-gauge Diamond or Solid Sides optional
- Flattened Expanded Metal Sides standard
- Ultra Cremone Recessed Handle standard
- 4 or 6-inch high Channel Base available



SNAPSHOT SPECIFICATIONS - Section 10 51 13

PART 1 - GENERAL

1.01 SECTION INCLUDES

Heavy Duty Knocked Down TA-50 Lockers

1.02 REFERENCES

ADAAG - Americans with Disabilities Act, Accessibility Guidelines.

1.03 SUBMITTALS

Submit under provisions of Section 01 33 00. Shop Drawings: Show the following: Dimensioned drawings including plans, elevations, and sections to show locker locations and interfaces with adjacent substrates. Details of assembly, erection, anchorage and clearance requirements. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and finishes.

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: Prime grade mild cold-rolled sheet steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A1008. Sheet steel components shall be fabricated using zinc-coated steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A653. Flattened Expanded Metal Divisions that meets or exceeds ASTM A1008/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 PERSONAL TA-50 LOCKERS

Heavy Duty Lockers: All locker body components made of cold rolled steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.

Locker Body Construction: Bottoms, Tops, and Shelves: 16-gauge steel. Sides: 16-gauge solid sides, Flattened expanded metal. Backs: Solid 18-gauge steel. One-piece. Doors: 14-gauge steel. Standard Ventilation: 6-inch (152.4 mm) wide by 3/4" high (19.05 mm) high horizontal louvers arranged two groups of 6. Optional Ventilation: 3/4 inch (19 mm) wide by 1-1/2 inch (38 mm) high diamond-shaped perforations. Optional Ventilation: Solid. Tops and bottoms with four sides formed at 90 degrees welded to the fully-framed channel with cast corner pieces. Channel Base: 4-inch or 6-inch high. 14-gauge sheet forming a "C" channel attached to locker bottom. Shelves with four sides formed to 90 degrees, front and back

edge having a second bend. Locker Body Construction: Tubular frame construction with cast steel interlocks provide a true fully framed locker body construction. Hole spacing in locker body construction: Not exceeding 1.5-inches. For factory assembly order Welded version.

Doors: One piece sheet steel with 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

Single Tier Lockers: Ultra Cremone Recessed Handle engages the door frame on three sides. The top and bottom frames are engaged with 0.375 inch steel rods, and a 0.25 x 0.36 inch thick 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. All door configurations delivered knocked down will have doors shipped separately for attachment on site using supplied hardware. Door shall be reinforced using a 20-gauge horizontal box pan MIG-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

SNAPSHOT SPECIFICATIONS (continued)

stiffness.

ADA Compliant: Ultra Cremone Recessed Handle mechanism should be ADA complaint requiring no twisting, pinching or tight grasping and is operable using less than 5lbs of force.

2.05 INTERIOR EQUIPMENT

Heavy Duty TA-50 Lockers with Doors: Single Tier 78 inches (1981 mm): Shelf located approximately 13 inches (330 mm) below top of locker. Two heavy-duty single prong hooks with diameter of 0.276 inches mounted to shelf and will accept a coat rod. Two single prong hooks with a diameter of 0.187 inches in rear mounted to shelf.

2.06 ACCESSORIES

(See full product specifications.)

2.07 FABRICATION

Fabricate lockers with fully framed construction, 8 male/female tubular insertion points to provide the fully framed locker body, square, rigid, without warp, with metal faces flat and free of distortion. Fabricate lockers on the unit principle, each locker with individual door and frame, individual top, bottom, back, and shelves. Verify dimensions and arrangement before fabrication.

Finish: Hybrid Polyester powder coat paint finish electrostatically applied and properly cured to manufacturer's specifications for optimum performance. Finishes containing volatile organic compounds and subject to out-gassing are not

acceptable. Locker exterior and interior shall be painted the same color. Powder Coat - Dry Thickness: 1 to 1.2 mils (0.025 to 0.03 mm). Powder Coat Plus - Dry Thickness: 2 to 2.2 mils (0.05 to 0.055 mm). Color: As selected from manufacturer's standard colors.

Special Finishes: Custom color match, Anti-Graffiti, Anti-Microbial, 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. Work is not to progress until site meets necessary conditions. Anchor lockers to floor and/or wall as 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

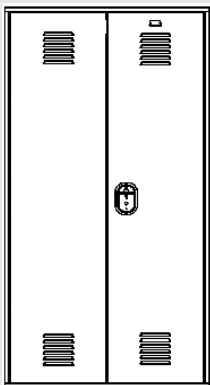
Protect installed products until completion of project.

Get the Full Specifications Here

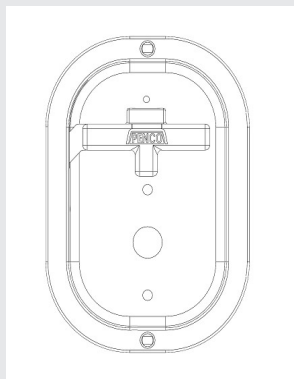
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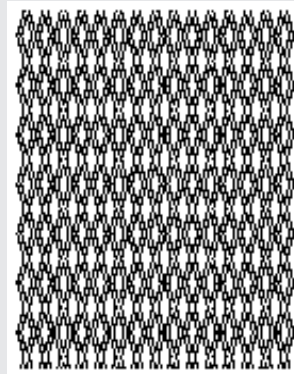
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Front Elevation



Ultra Cremone Recessed Handle

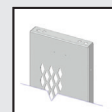


Flattened Expanded Metal

Ventilation Options



Standard Louvers (S)



Diamond Shaped (O)



Solid Door (O)

PENCO



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

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