



## **WELDED LOCKER SPECIFICATIONS**

### **MATERIALS:**

**SHEET STEEL:** All parts made from prime grade mild cold rolled sheet steel free from surface imperfection, and capable of taking a high grade enamel finish.

**FINISHING:** Chemically pretreat metal with a six stage cleaning phosphatizing and metal preparation process. Finish coat shall be electrostatically applied powder coat enamel baked on at 350 to 400 degrees. Select colors from manufacturer's minimum standard 31 colors. All lockers shall be painted inside and outside with the same color.

**FABRICATION GENERAL CONSTRUCTION:** Fabricate lockers square, rigid and without warp. Metal faces shall be flat and free of distortion. Lockers shall be pre-assembled of welded construction, all welds shall be free of burrs. Grouping shall be the most practical that conforms to the job requirement. No bolts, nuts or rivets shall be allowed in the assembly of main locker groups. Each locker group shall be securely welded into a one piece structure.

**SIDE & DOOR FRAME:** Shall be manufactured from 16 gauge. The front edge of the frame shall be formed to a channel shape with a continuous door strike. Two and three tier lockers shall have intermediate 16 gauge channel shaped horizontal frame members attached to the side frames with mortise and tenon construction, and securely welded. Intermediate frames shall consist of two 16 gauge frame channels securely welded together.

**TOPS:** Shall be 16 gauge notched and formed. Each group of lockers shall have one continuous flat top.

**BOTTOMS:** Shall be 16 gauge notched and formed. Each group of lockers shall have one continuous bottom suitable for anchoring to wood or concrete bases.

**SHELVES:** Shall be 16 gauge, flanged on four sides with an additional return flange on the front edge to increase strength.

**BACKS:** Shall be solid 18 gauge cold rolled steel. One piece steel backs for groups to 48" wide. Groups over 48" wide shall have two piece backs.

**DOORS:** Doors 20" or higher shall be formed from one piece 14 gauge cold rolled sheet steel. Formations shall consist of a full channel shape on the lock side of adequate depth to fully conceal the lock bar, channel formation on the hinge side, and right angle formations across the top and bottom. Doors over 15" wide and over 30" high shall have a 3" wide 20 gauge full height heavy duty reinforcing pan welded to the inside face of the door on 6" centers. Doors for box lockers 4, 5, 6, 8 & 9 tiers high shall be 14 gauge steel and have channel formations on lock side and hinge side and have right angle flanges on the top and bottom.

**DOOR HANDLE & LATCHING 1, 2 & 3 TIER:** Handles shall be recessed in the door and be finger lift control. The 20 gauge drawn pocket shall be brushed stainless steel securely fastened to the door with two tabs plus a positive tamper resistant decorative fastener. The pocket shall be of sufficient depth to prevent a combination padlock, built-in combination lock or key lock from protruding beyond the face of the door. A lock hole cover plate shall be provided for use with padlocks. The lifting piece shall be 14 gauge formed steel, attached to the latching channel with one concealed retaining lug and one rivet assuring a positive two point connection. Handle finger lift shall have a padlock eye for use with a 9/32" diameter padlock shackle. It shall have a sound deadening molded comfortable finger lift attached.

Doors to have latch clip engaging the door frame at three points on 60" & 72" high and two points on 20" through 36" high doors. Locking device to be positive, automatic type, whereby locker door may be locked when open, then closed without unlocking. One rubber silencer shall be firmly secured in the frame at each heavy gauge latch hook. Latch clips shall be glass filled nylon for long life and low friction and shall hold doors shut by engaging the latch hooks. Latch hooks on diamond-perforated lockers shall have tamper guards. The latch channel assembly shall be quieted by the use of unique nylon glides.~ single point available as specified.

**DOOR HANDLE & LATCHING 4 TO 9 TIER BOX LOCKERS:** Doors shall be punched for use with padlocks or built-in locks. Doors for use with padlocks shall be equipped with an 18 gauge combination door pull, staple and lock hole cover plate with integral friction catch.

**VENTILATION:** All sides and doors 20" or higher shall be perforated with diamond-shaped openings 3/4" wide x 1-1/2" high in a quantity and pattern to insure maximum ventilation and maintain structural strength. All other doors shall have small diamond-shaped perforations 7/16" wide x 15/16" high.

**NUMBER PLATES:** Each locker door to be supplied with a polished aluminum number plate, 2-1/4" wide x 1" high, with reversed printed numerals not less than 3/8" high. Number plates shall be attached to the face of the door with two aluminum rivets.

**HINGES:** .074" thick, 2" high, double spun, full loop, tight pin, five-knuckle hinges, projection welded to door frame and securely fastened to the door with 2 steel rivets. Doors over 42" high shall have three hinges; all other doors shall have two hinges.

**INTERIOR EQUIPMENT:** Single tier lockers 60" or higher shall have one hat shelf located approximately 9" down from the top of the locker. Lockers 20" or more in height and 12" or 15" wide shall have one double prong ceiling hook and two single prong wall hooks. Lockers over 15" wide shall have a double prong ceiling hook and four single prong wall hooks. All coat hooks shall be forged steel with ball ends, zinc plated.

**LOCKER ACCESSORIES** Lockers shall be furnished with the accessories selected from the list below:  
Continuous metal base: If required base shall be 4" high, 16 gauge, integral with locker bottom. Legs: If required, each group of lockers shall be furnished with four legs each 4" high, 14 gauge and welded to the locker bottom. For additional accessories see Accessory Specifications.

**OPTIONS DOORS:** Box locker doors 4 to 9 tier, as an alternative option each door shall be furnished with a stainless steel padlock strike.

**DOOR HANDLE & LATCHING 4 TO 9 TIER BOX LOCKERS:** As an alternate option, each door shall be provided with a finger operated 11 gauge slam latch with an electrogalvanized trigger, and a spring contained in a 14 gauge case welded to the door. The spring latch engages a 13 gauge hasp welded to the frame. Rubber bumpers shall be securely installed in the frame.

**VENTILATION:** If specified, all perforations may be deleted. If deleted, louvers may be added to the doors.

**DOOR VENTILATION:** Delete diamond perforations in the doors and substitute with standard louvers, or mini louvers may be substituted and shall be 5/8" wide x 1/4" high. Louvers shall be placed in doors in manufacturer's standard pattern.

**A. D. A. COMPLIANT LOCKERS:** Handicap lockers shall have recessed handles and shall be single tier or the lower opening of a double tier locker. Locker bottom shall be a minimum of 9" off the floor, or an extra shelf placed 9" off the floor. Single tier lockers shall have a shelf 48" off the floor. Doors assigned for handicapped use shall have an appropriate symbol sign.

**EXECUTION INSTALLATION:** Install metal lockers at location shown in accordance with manufacturers instructions for plumb, level, and flush installation.

**ANCHOR LOCKERS** to the floor and wall 48" on center or less as recommended by the manufacturer.

**INSTALL SLOPING HOODS 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.

**ADJUST & CLEAN:** Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily.

**TOUCH UP** marred finishes with factory supplied paint.

**PINNACLE RESERVES THE RIGHT TO VARY SPECIFICATIONS CONSISTENT WITH ITS POLICY OF CONTINUOUS PRODUCT IMPROVEMENT.**