



WELDED SINGLE POINT LATCH LOCKER SPECIFICATION

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 30 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 FRAMES: 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 steel. Formations shall be box formed stiffeners on the hinge and latch sides. Both formations shall have a 1/2" flange spot welded to the inside face of the door. Top and bottom flanges shall have one 90 degree bend. For long life, the door shall be manufactured from one integral piece. Door shall be manufactured to allow maximum ventilation and stiffness utilizing two box formed stiffeners.

DOOR HANDLE & LATCHING 1, 2 & 3 TIER: Handles shall be recessed in the door. The formed pocket shall be brushed stainless steel securely fastened to the door with two lugs plus a positive tamper resistant 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. All pockets shall be 20 gauge drawn steel for superior strength. Door pull shall be formed in the pocket. Pocket and pull shall be integral.

Doors shall have a catch to retain unlocked doors in the closed position. Locking shall be accomplished by an 11 gauge lug welded to the locker frame. The lug shall include a surface for the bolt of a built-in combination or key lock to engage and a padlock staple that protrudes through the 20 gauge pocket. The lug shall include an anti pry flange and notch to deter prying open when locked. Rubber door silencers shall be firmly attached to the locker frame

VENTILATION: All side frames 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.

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

HINGES : 16 gauge continuous type hinge riveted to the frame and the door for the full height of the door.

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

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.

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.