

Ventilated and C-Thru Locker Specifications

General Design: Steel Lockers are to be welded body construction. Doors to be provided with recessed handle and quiet latches as detailed in this specification. Locker doors and sides shall be perforated with diamond shaped holes for ventilation.

Materials: Ventilated Lockers as well as all Tennsco products are fabricated of high quality, hot and cold rolled carbon steel, free of scale or rust and fully pickled. Exposed edges, corners, and surface areas are free of sharp edges and all workmanship is of the highest quality as measured by the industry.

Finish: All steel components shall be thoroughly cleaned and phosphatized for rust resistance in a five-stage pre-treatment process. A high grade of polyester / epoxy powder paint is to be applied electrostatically with a gloss reading of between 55 and 65. The finish shall have a salt spray rating of 250 hours or more.

Gauges: Ventilated Doors-14 gauge, ventilated frames-16 gauge, ventilated body parts-16 gauge, ventilated backs-18 gauge. C-thru doors-16 gauge, c-thru frames-16 gauge, c-thru backs-18 gauge, c-thru box locker door-1/8" Poly Carbonate.

Doors: To be formed from one piece with right angle flanges on all four edges and two formations on hinge and lock sides.

Ventilated Doors: To be die formed from one piece with right angle flanged on all four edges and two formations on hinge and lock sides.

C-Thru Doors: Outer door formed from one piece with right angle flanged on all four edges and two formations on hinge and lock sides. Doors have rectangular cutouts on the front face for see through panels. Panels are made from 3/16" PMMA (Polymethyl Methacrylate). Panels are held against the inside face of the door by channels welded to the inside of the door. Box locker doors are molded in one piece from 1/8" Poly Carbonate. Doors have an "X" shaped reinforcement rib added for rigidity.

Hinges: Shall be 2" wide of the full loop, tight pin style securely welded to the frame and riveted to the door. Locker doors over 42" high shall have three hinges, doors 42" or less shall have two hinges.

Handles: Shall be made recessed and of 20 gauge steel as standard, with molded high impact styrene plastic or stainless steel as optional. Finger lift shall be included. A recessed handle shall be supplied on all single tier and double tier locker doors. Recess shall be large enough to accommodate all standard padlocks to prevent marring of door surface. Color of recessed handle shall be black. A recess is to be provided in handle to accommodate a number plate that will not protrude beyond the face of the handle. Handle to be securely fastened to the door by four rivets. Molded handle will not support frame.

Latching Mechanism: Shall be the pre-lock type, providing a positive automatic latching mechanism whereby the door may be locked with any type padlock or built-in lock while open and then secured by closing. Three tamper-proof latches at the top, center and bottom of the locking channel are effectively engaged as the door closes in single tier lockers. Double tier lockers have two latches. Box lockers are not provided with a pre-locking device. Locking device to be tamper resistant and latches are made of nylon Zytel for strength and quietness of operation.

Frame: Vertical members of channel construction with extra formation on all inner edges to provide continuous door strikes full height. Horizontal members of channel construction and all members are fully free of burrs. Members shall be securely spot-welded together using precision jigs.

Body Parts: Backs to be one piece construction for each battery for clean appearance. Side to be offset at front to fit flush inside frame, rear flange formed at right angles to fit around back. Tops, bottoms and shelves shall be formed at right angles on all four sides. Shelf front shall have box channel formation.

Standard Equipment: All single tier lockers to be provided with a hat shelf. Double tier lockers do not have a hat shelf. All single tier lockers less than 18" deep to be provided with one single-prong hook on side and at the back. All single tier lockers 18" and 21" deep to be provided with one single-prong hook on each side and coat rod. All single tier lockers 24" deep shall be provided with three single-prong hooks and a coat rod. All double tier lockers shall be provided with one single-prong hook on each side and at the back. All hooks will have a ballpoint.

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Assembly: Assembly of all set-up locker bodies shall be by electric spot welding using precision jigs. Spot welds are to be 6" on center to provide maximum strength and rigidity. All hooks are to be permanently spot-welded to locker for strength and safety. Frames to be riveted to body of locker. Door hinges and bumpers to be spot-welded to frame members. Doors to be riveted to hinges (one per hinge).