

Ventilated 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: All doors are 14 gauge, Frames are 16 gauge, Sides are 16 gauge. Top, Shelf and Bottom are 16 gauge. Backs are 18 gauge.

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

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

Handles (except box style): Shall be made recessed and formed of 20 gauge steel as standard (or stainless steel as optional), finger lift shall be included. Recess shall be deep enough such that padlocks on built in locks will not protrude past face of door. A recess is to be provided in the handle to accommodate a number plate which will not protrude beyond the face of the handle. Handle to be securely fastened to the door by four rivets. Standard handle to be painted with black powder paint.

Latching Mechanism (except box style): Shall be the lift-latch style with spring actuated latches that permit securing the door with a padlock or built-in locks engaged. Single tier lockers have a three point tamper-proof latch located at the top, center and bottom of the locking channel. Shorter doors are secured with two latches. Locking device to be tamper resistant and latches made of nylon (21-SP) for strength quietness of operation. Latch hooks shall be electrically welded to the strike side of the locker frame to engage the nylon latches.

Door Frames: Vertical members shall be formed from 16 gauge steel into a channel shape with an extra return bend to provide a continuous full height door strike. Horizontal members shall be formed from 16 gauge steel into a channel shape and resistance welded to the frames with precision fixtures. Intermediate horizontal members shall be welded on double and triple tier locker frames.

Body Parts: Shall be fabricated from 16 gauge steel, while the back is 18 gauge. Backs to be one piece construction without holes for clean appearance. Sides to be offset at front to fit flush inside the frame, rear flange formed at right angles to fit around the back. The front flange of the sides shall be punched to secure the frame assembly; otherwise there shall be no other holes. Tops, bottoms and shelves shall be formed at right angles on all four sides. The front shelf flange shall have a triple bend for safety.

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.

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).

Installation: Lockers should be installed level and square. For user safety, lockers must be secured to the wall and/or floor prior to operation. Adjacent lockers should be bolted together.