

Lyon Workspace Products

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LYON[®] SPECIALTY LOCKERS SPECIFICATIONS

Material – Prime, high grade Class I mild annealed, cold-rolled steel free from surface imperfections. Bolts to be zinc plated or subjected to other rust-retardant treatment.

Body – 24 gauge steel, flanged to give double thickness of metal at back vertical corners.

Door Frame – 16 gauge formed steel channels. Vertical members shall have an additional flange to form continuous door strike. Corners shall be lapped and welded into a rigid assembly. In addition, bottom cross members shall have tang at each end that fits through slot in rear flange of upright frame member to prevent twisting out of alignment. Top and bottom cross members shall provide support for front edge of locker top and locker bottom.

Door – One-piece, 16 gauge steel on single, double and triple tier with both vertical edges formed into channel-shaped formation; top and bottom shall be flanged at 90° angle. On multiple tier lockers, hinge side shall be formed into channel shaped formation with other three sides flanged at 90° angle.

NOTE: Coat compartment doors of two person and duplex lockers and box locker doors up to and including 15" wide by 15" high shall be 18 gauge unless specified otherwise.

Ventilation – Louvers shall be provided as follows:

Locker Styles – Louvers

Single/Double tier lockers - 9"w – Six 3-1/2" louvers top and bottom.

Single tier lockers - Over 9"w – Six 6" louvers top and bottom.

Double tier lockers – Over 9"w – Six 6" louvers top and bottom.

Triple tier lockers - 9"w – Two 3-1/2" louvers top and bottom.

Triple tier lockers - Over 9"w – Two 6" louvers top and bottom.

Multiple tier lockers – Three 3-1/2" louvers per door for 12" and 15" wide lockers. Four 6" louvers per door for lockers 18" wide and over.

Door Jambs – Single tier lockers shall have three door jambs; double tier and triple tier lockers shall have three jambs welded to side of door frames to engage locking device. Design and gauge of jamb shall prevent freeing of locking device by prying. Each jamb shall have safety reverse nose to eliminate hazard of sharp pointed edges protruding into the locker. Each jamb shall have easily replaceable soft rubber bumper.

Hinges – Shall be not less than 2" high. They feature .050" steel 5 knuckle, full loop forming double thickness on each leaf. Hinges to be set in slot in door and frame and projection welded to frame and securely attached to door; hinge pin to be spun over at ends to resist removal. Single tier lockers 72" and 60" high to have three hinges, and lockers 48" high to have two hinges. Multiple tier to have two hinges – all on right-hand side of door.

Quiet Locking Device – Single tier locking device shall engage frame at three points; double tier and triple tier at two points. Channel-shaped locking device shall be a quiet design with nylon glide plugs

positioned to eliminate any metal to metal contact. Lock bar shall be enclosed on three sides and operate with the channel formation of the door. Locking device shall be prelocking so mechanism can be locked in open position - door locking automatically when closed. An optional single point latch shall be available. Box lockers shall have one point locking device with a 14 gauge lock clip for attaching padlock. Doors also to be provided with lock hole filler to permit use of built-in key or combination lock.

Handles – On single, double and triple tier lockers, all parts shall be chrome plated, die-cast zinc alloy with a tensile strength of not less than 40,000 psi. No moving parts are to operate against outside surface of locker. Padlock attachment to be integral part of lift which shall be attached directly to locking bar and protected by fixed handle housing. Handle to provide built-in padlock strike. Multiple tier lockers shall be equipped with a 16 gauge door pull with padlock attachment when not used with built-in locks. An optional recessed handle shall be available at no extra charge on single tier, double tier, triple tier and two person lockers. The recessed handle shall be 4-1/8"w x 6-1/16"h x 1-1/4"d and constructed of die-cast zinc alloy, nickel plated, with a minimum tensile strength of 40,000 psi.

Hat Shelves – Single tier lockers shall have one 24 gauge hat shelf approximately 9" below top. Flanged on all four sides for strength with the front flange turned 45° for safety and attached at no less than two points through each side flange. Only single tier lockers have shelves.

Coat Hooks – Single tier, double and triple tier lockers shall have one double prong (ceiling) hook and three single prong wall hooks. 5/8" diameter coat rods are standard in 18" and 21"-deep single tier lockers, replacing ceiling hook. All hooks to be zinc plated or subjected to a comparable rust-retardant treatment and attached with two bolts.

Number Plates – Aluminum number plates with etched figures at least 3/8" high. All lockers shall have number plates attached near top of door.

Finish – exposed steel parts shall be thoroughly cleaned, given a bonding and rust inhibitive phosphate treatment and then electrostatically sprayed with a heavy coat of high quality enamel. Enamel shall be baked at 300°F and must withstand a rigid hammer test without chipping or flaking.

NOTE: Lyon recommends application of a corrosion resistant primer finish on lockers used in high humidity or corrosive atmospheres.

Anchoring – To prevent tipping or injury, Lyon strongly recommends that lockers be floor and/or wall anchored.

Freestanding Lockers – Lockers shall be furnished with 6 legs. Front and end closed bases available.

Recess Trim – End and top recess trim for lockers to be placed in wall recesses shall be 18 gauge formed steel with a 2-3/4" wide face and shall be bolted to locker frames.

Top recess trim to be in approximately 5'0" lengths with a formed splice cap to cover joints and to hold top recess trim in alignment. End recess trim to be 2-3/4" higher than lockers and will lap over ends of top recess trim for a neat joint at top of corners.

NOTE: There are certain sizes and/or types of lockers that are available in minimum quantity production runs only. Contact your Lyon factory representative for complete details.