

Lyon Workspace Products

Integrated Frame All-Welded Locker Specifications

Material

Prime, high grade Class I mild annealed, cold-rolled steel free from surface imperfections. A.S.T.M.-366. Galvannealed steel available for high humidity atmospheres. A.S.T.M.-525. Bolts to be zinc plated or subjected to other rust-retardant treatment.

General Construction

All lockers shall be pre-assembled with all seams and joints welded on 6" centers for rigidity and durability. No bolts, screws or rivets shall be used in the assembly of the locker bodies.

Locking Device

All lockers to have one-point locking device with a 12-gauge lock clip for attaching padlock and a 10-gauge security finger. Locking device to have no moving parts and door to be held closed by magnetic catch. A triangular shaped reinforcement shall be welded to the lock clip support and locker side to increase rigidity and security. Handles to be provided with lock hole filler to permit use of built in key or combination lock.

Optional Three Point Latching

Single, double and triple tier lockers shall have a locking device to engage the frame at three points. Locking device shall consist of two 5/16" cold-drawn steel rods and 12-gauge center locking disc. 12-gauge security clip to be welded to lock plate to prevent disc from being disengaged from built-in lock bolt and also to provide a padlock attachment. Box lockers only shall have a one-point locking device with a 14-gauge lock clip for locking with padlocks, built in key or combination locks. Single tier locker doors to be equipped with a 12-gauge lock rod guard to reduce vandalism.

Body

16-gauge steel, flanged to give double thickness of metal at back, top and bottom of sides. Backs to be one-piece for each locker module, 18-gauge. Tops to be one-piece for each locker module, 16-gauge. Bottoms to be one-piece for each locker module, 16-gauge with front, center, and back channel reinforcements. All seams and joints to be MIG welded on 6" maximum centers.

Slope Tops

Shall be an available option. 16-gauge steel with 25-degree slope and to be an integral part of the locker body. The front edge of the slope top shall form the top of the door frame and have an additional flange to form a 1" door strike. One piece for each locker bank.

Door Frame

To be integral part of sides, top and bottom of locker. The side containing the latch shall have an additional flange to form a 1" door strike. The tops, bottoms, and intermediate bottoms shall have an additional flange to form a 1" door strike at the top and bottom of each door. Hinges are attached to frames with stainless steel rivets.

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Door

One-piece, 14-gauge steel with both vertical edges formed into channel-shaped formation, top and bottom shall be flanged at 90 degree angle. An 18-gauge pan stiffener installed only on single, double, and triple-tier doors, shall be welded inside the channel-shaped formation of the hinge side of the door. The pan stiffener shall be a minimum of 1/3 the door width on 12" or wider doors.

Ventilation

Mini-louvers or diamond shaped perforations shall be available in the portion of the door not covered by the stiffener panel. Sides shall have diamond shaped perforations available.

Hinges

Shall be full height continuous hinges. Hinges to be welded to door and riveted to locker body.

Handles

The recessed handle shall be 3-1/2"w x 4"h x 1-7/32"d and constructed of 20 Ga. Type 304 cold rolled stainless steel with #2 brush finish.

Shelves

Single tier lockers shall have one 16-gauge shelf approximately 12" below top. Flanged on all four sides for strength with a 1" return flange at front for safety and strength. On single-tier lockers only.

Coat Hooks

Single tier, double tier and triple tier lockers shall have one double prong hook and two single prong hooks. All hooks to be zinc-plated or subjected to a comparable rust retardant treatment and attached with rivets and welded. Hooks shall be painted to match locker color.

Number Plates

Optional aluminum number plates with etched figures at least 3/8" high. All lockers shall have number plates attached near top of door.

Standard 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.

NOTE: *Lyon recommends application of a corrosion resistant finish or galvanized steel on lockers used in high humidity atmospheres. Contact Lyon for finish compatibility with any chemicals.*

Anchoring

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

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Free Standing Lockers

A 4" 14-gauge channel type base shall be 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 sides and tops. Top recess trim to be in approximately 6'0" lengths with 6" overlapping slip joints for a finished appearance. 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.*