

Lyon Workspace Products

Visible Storage Cabinet Specifications

Material

Expanded metal shall be 3/4" mesh 13-gauge flattened carbon steel providing approximately 74% open area. Gauge and other steel parts shall be as listed below. Bolts to be zinc-plated or subjected to other comparable rust-retardant treatment.

General Construction (All-Welded Only)

All lockers shall be pre-assembled with all seams and joints welded for rigidity and durability. Overall unit size will be 24" wide x 21" deep x 78"h that included 6" legs.

Body

Sides shall be constructed with 13-gauge expanded metal with 20-gauge steel hemming welded to all four edges, resulting in a completely smooth frame around the expanded metal. The 16-gauge flat top and bottom shall be offset to extend into frame cross members. Backs shall be 18-gauge, cold-rolled steel. Individual sloping tops shall be 20-gauge cold-rolled steel.

NOTE: *Lyon strongly recommends that exposed side end sheets be of solid material.*

Door Frame

Shall be 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 members to prevent twisting out of alignment. Top and bottom cross members shall provide support for front edge of locker top and locker bottom.

Door

Door shall consist of 12-gauge angle frame and 12-gauge center lock plate with 13-gauge flattened expanded metal welded to inside. Center lock plate to be backed by 16-gauge retainer plate formed to provide a retainer for edges of expanded metal. Door to have 14-gauge reinforcing "K-brace" welded to angle frame for rugged, sag-resistant operation.

Latching

Door 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. Doors to be equipped with a 12-gauge lock rod guard to reduce vandalism.

Hinges

Shall not be less than 2" high, .050" steel, 5 knuckle, full-loop design forming double thickness on each leaf. Hinges to be set in slots in frame and projection-welded to frame and securely attached to door. Hinge pin to be spun over at ends. Units have three hinges.

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Shelves

Four shelves 16-gauge supplied loose with unit. Flanged on sides and back-channel formation on front flange – attached at no less than two points through each side flange. Shelves are adjustable by use of nuts and bolts. Shelf adjustment ranges from 8-3/4" at the bottom to 8-3/4" from the top.

Number Plates

Optional aluminum number plates with etched figures at least 3/8" high.

Finish

Steel parts shall be thoroughly cleaned, given a bonding and rust inhibitive phosphate treatment and a heavy coat of high-quality enamel. Complete locker must be finished in same color.

NOTE: *Lyon recommends application of a corrosion resistant finish 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.

Free Standing Lockers

Lockers shall be furnished with 6" legs. Optional front and end closed bases available.