

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.-A1008. Galvannealed steel available for high humidity atmospheres. A.S.T.M.-A653. 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.

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 with full length reinforcing ribs shall be a quiet design utilizing nylon guide inserts to reduce metal to metal contact. The locking device shall include a Zinc alloy latch finger with a nano roller at point of contact with the door jamb. Lock bar shall be enclosed on three sides and operate within 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 except on 9" wide lockers. Box locker shall have single-point locking device with a recessed handle. Doors also to be provided with lock hole filler to permit use of built in lock.

Optional Single Point Latching — All lockers to have single-point locking device with a 12-gauge lock clip for attaching padlock. Locking device to have no moving parts and door to be held closed by magnetic catch. A 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 lock.

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 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 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 door strike. The tops, bottoms, and intermediate bottoms shall have an additional flange to form a door strike at the top and bottom of each door.

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 $\frac{1}{8}$ the door width on 12" or wider doors. Standard with single point and optional with lockbar.

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 $4\frac{1}{8}$ "w x $6\frac{1}{8}$ "h x $1\frac{1}{4}$ "d and constructed of die-cast zinc alloy, nickel-plated, with a minimum tensile strength of 40,000 psi.

Shelves — Single tier lockers shall have one 16 gauge shelf welded approximately 12" below top. Flanged on all four sides for 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 $\frac{3}{8}$ " 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 powder coat.

NOTE: 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 — 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 $2\frac{3}{8}$ " 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 $2\frac{3}{4}$ " 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.

Spec Summary

Integrated Frame All-Welded Lockers

- 16 gauge body parts,
18 gauge backs
- 14 gauge doors with inner panel reinforcement.
- Single point magnetic latch, no moving parts.
- Optional multi point locking mechanism with nano metal roller lock bars.
- Full height hinge.
- Powder coat finish
- 1" door thickness for added strength.
- Optional security vents.
- Single piece top, bottom and back for each locker group.
- Multiple tier lockers have nickel plated recessed handles.