ALL-WELDED EXTREME LOCKER SPECIFICATIONS

Material - Prime, high grade Class 1 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 for rigidity and durability.

Body - 16-gauge steel, flanged to give double thickness of metal at back vertical corners. 18-gauge backs. Bottoms shall have a 16-gauge channel reinforcement front to back.

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, 14-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 degree angle. On multiple tier lockers, hinge side shall be formed into channel shaped formation with other three sides flanged at 90 degree angle. An 18-gauge pan stiffener will be welded inside the channel-shaped formation of the hinge side of the door.

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	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 - 48" and higher single tier lockers shall have three door jambs; double tier and triple tier lockers shall have two 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 easily replaceable soft rubber bumper.

Hinges – Shall be full height continuous hinges.

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 latch finger that engages the 12-gauge door jamb. Lock bar shall be enclosed on three sides and operate within the channel formation of the door. Locking device shall be pre-locking 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 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 lock.

Handles - On single, double and triple tier lockers, handles shall be recessed. 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. The recessed handle shall be 4- 1/8"w x 6-1/16"h x 1-1/4"d. Multiple tier lockers shall be equipped with a 16-gauge door pull with padlock attachment when not used with built in locks.

Shelves - Single tier lockers shall have one 16-gauge shelf approximately 9" below top. Flanged on all four sides for strength with the front flange turned 45 degrees 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 tier and triple tier lockers shall have one double prong hook and three single prong wall hooks. All hooks to be zinc-plated or subjected to a comparable rust retardant treatment and attached with two bolts.

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 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 Lockers - Lockers shall be furnished with 6" legs. Optional 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 hairline 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.

Quiet-Plus
Eliminating metal to metal contact, all Lyon locker doors are fitted with nylon lockbar guides to reduce clanging and provide smoother, quieter operation. In addition to quieter lock bars, Lyon Quiet-Plus locker doors include a sound deadening door panel. The resulting combination minimizes noise levels caused by opening and closing locker doors.

Spec Summary
All-Welded Extreme Lockers

- 14-gauge door with 16-gauge frame
- 18-gauge door pan stiffener reinforcement
- 16-gauge body parts with 18-gauge backs
- 16-gauge reinforce bottom channels
- All seams and joints welded
- Full height continuous hinges
- One piece 14-gauge door
- Secure multi-point locking system
- Recessed handles
- Powder coat finish
- Built in padlock loop
- Built in locks are also available