

SNYDER



Equipment, Inc.

Storing, Rolling, Lifting since 1947

PRODUCT INFORMATION

LYON LOCKER SPECS AND DETAILS

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Standard 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 rustretardant 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

Single/Double tier lockers—9" w
Single tier lockers—Over 9" w
Double tier lockers—Over 9" w
Triple tier lockers—9" w
Triple tier lockers—Over 9" w
Multiple tier lockers

Louvers

Six 3½" louvers top and bottom.
Six 6" louvers top and bottom.
Six 6" louvers top and bottom.
Two 3½" louvers top and bottom.
Two 6" louvers top and bottom
Three 3½" louvers per door for 12" and 15" wide lockers. Four 6" louvers per door for lockers 18" wide and over.

Door Jamb—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 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 48", 60" and 72" high to have three hinges. All other tiers 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 coated metal latches to eliminate any metal to metal contact. 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 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, diecast 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 4½" w x 6½" h x 1½" 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 tier and triple tier lockers shall have one double prong (ceiling) hook and three single prong wall hooks. ⅝" diameter coat rods are standard in 18" and 21" deep knocked down 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—Optional aluminum number plates with etched figures at least ⅝" 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 primer finish or galvannealed steel on lockers used in high humidity atmospheres. Contact Lyon for finish capability 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 2½" wide face and shall be bolted to locker frames.

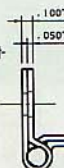
Top recess trim to be in approximately 5'0" lengths with a formed splice cap to cover joints and to hold top recess trim in alignment. End recess trim to be 2¾" higher than lockers and will lap over ends of top recess trim for a neat joint at top of corners.

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.

Lyon Lockers

Eliminating metal to metal contact, all Lyon locker doors are fitted with nylon coated metal latches to reduce clanging and provide smoother, **quieter operation.**

In addition to quieter lock bars, **Lyon Quiet-Plus** locker doors have no louvers and include a viscoelastic sound deadening panel. The resulting combination minimizes noise levels caused by opening and closing locker doors.



Full Loop Hinge Standard

Stronger by Design.

The Lyon hinge actually provides better strength than larger hinges by its unique full loop construction. Strength is maximized by extending the hinge through slots in the door and frame and then projection welded and riveted.



HEAVY DUTY LOCKERS

SPECIFICATIONS

10500/LYO
BuyLine 4449

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. Galvannealed steel available for corrosive atmospheres.

Body—16 gauge steel, flanged to give double thickness of metal at back vertical corners. 18 gauge backs.

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° angle. On multiple tier lockers, hinge side shall be formed into channel shaped formation with other three sides flanged at 90° angle.

Ventilation—Louvers shall be provided as follows:

Locker Styles

Single/Double tier lockers—9" w
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Double tier lockers—Over 9" w
Triple tier lockers—9" w
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Louvers

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Two 3½" louvers top and bottom.
Two 6" louvers top and bottom
Three 3½" 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 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 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 4½" w x 6½" h x 1½" 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 16 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 tier and triple tier lockers shall have one double prong (ceiling) hook and three single prong wall hooks. ⅝" 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 ⅝" 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 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.

Free-Standing 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 2¾" 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 2¾" 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.

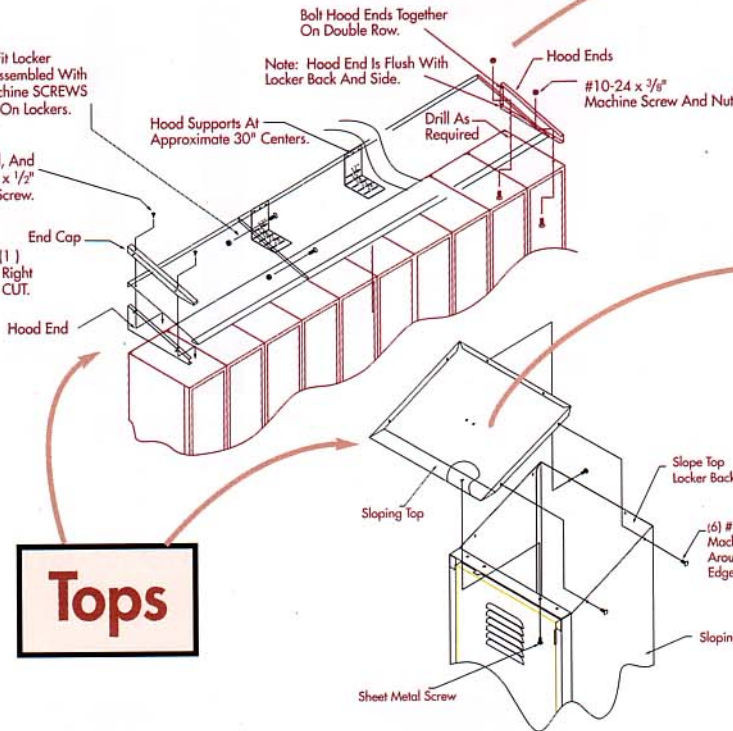
TOPS & BASES

Lyon Engineering

Hoods Are To Be Cut To Fit Locker Rows, And Completely Assembled With #10-24 x 3/8" TR. HD. Machine SCREWS And Nuts Before Placing On Lockers.

Drill Hood & End, And Attach With #10 x 1/2" Sheet Metal Screw.

Cut Hood As Required At (1) End Of Each ROW. Either Right Or Left Hand End May BE CUT.

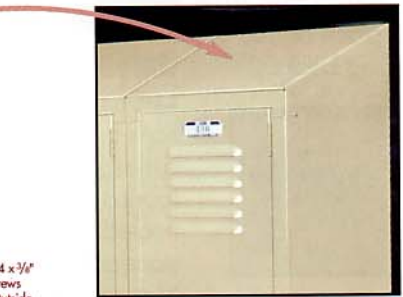


Continuous Sloping Hoods

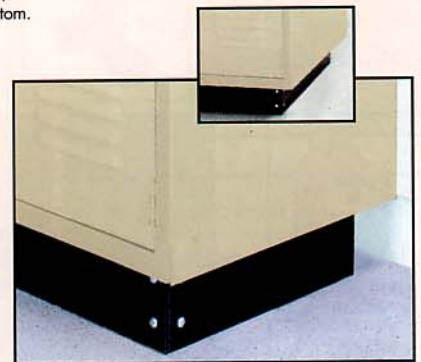
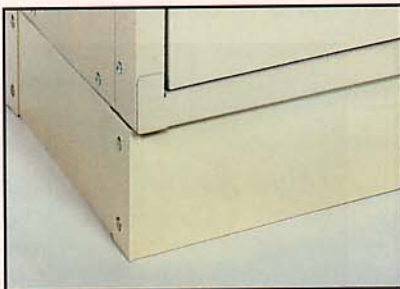
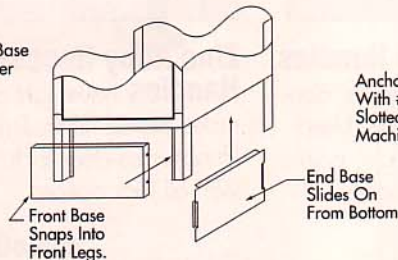
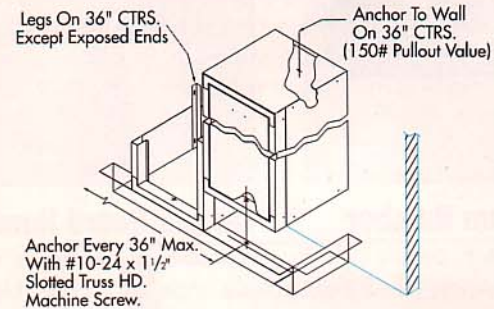
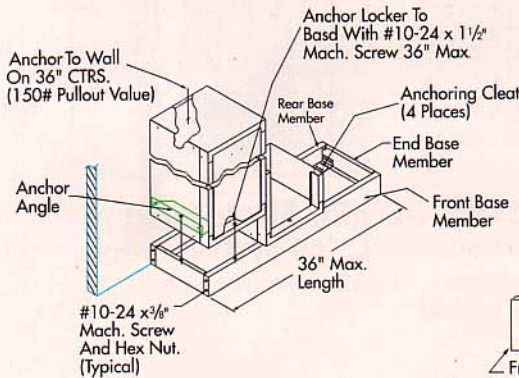
mount on one or more standard flat top lockers.

Individual Sloping Tops

are furnished on lockers with full height side panels and backs.



Bases



"Kitchen Cabinet Style" Bases are 4" high, and give a smooth, unbroken appearance to lockers without legs.

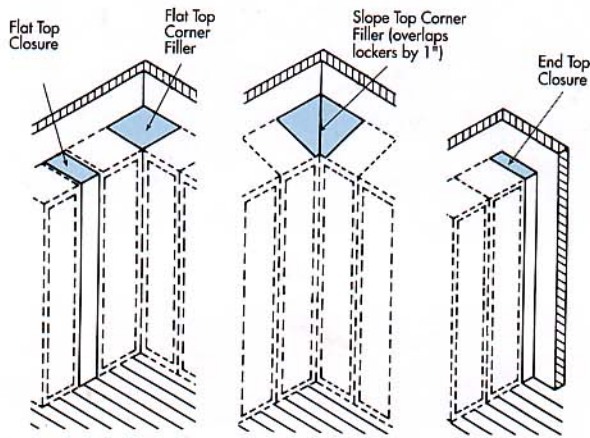
Closed Style Bases fit in the 6" high spaces between legs when furnished. They provide finished appearance and facilitate cleaning.

"Z" Type Bases offer added toe space and effective support using rugged 12 gauge steel. Adds 4" to overall locker height.

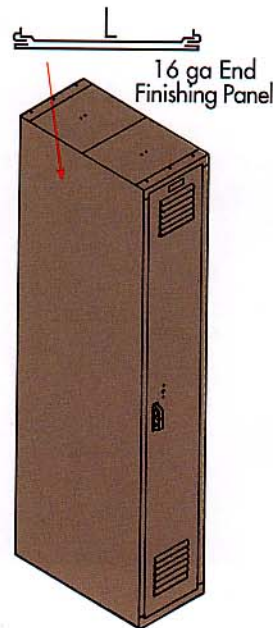
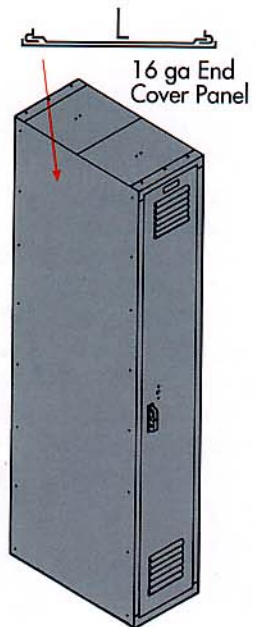
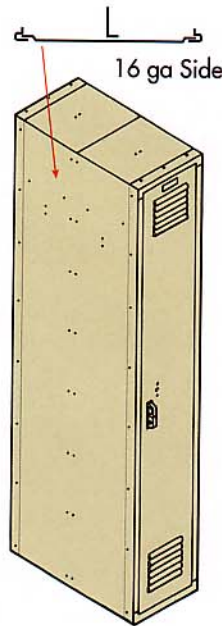
OPTIONS/ACCESSORIES

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Top Closures are used to close space between two tops when obstruction prevents installation of a locker. Can be furnished on flat or sloping tops.

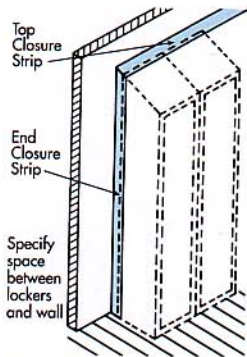


End Panels



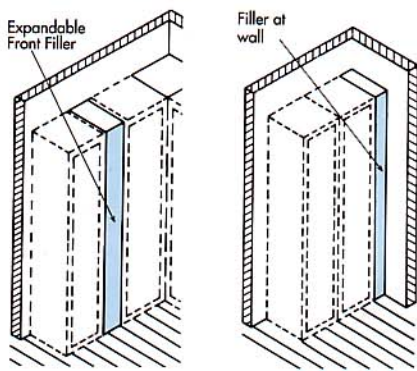
End Panels are easily installed on exposed ends of lockers for increased durability and an enhanced appearance. Lyon offers optional heavy duty end panels (punched only as required) with all bolt heads exposed; end cover panels show only vertical frame bolt heads. No bolt heads are exposed on end finishing panels.

Closure Strips are used to fill space at ends and tops of installation between lockers and wall or between two rows of lockers. Available for flat or slope top lockers. It is important to specify space to be closed for proper fit.



Front Expansion Fillers are used to fill space between two locker fronts. Two piece construction permits adjustment to fit space.

Fillers are also used to fill space between locker and a wall. Flanged edge bolts to locker.



COLORS BY LYON®

*As described below, Lyon's Premier color selections, clear coat finishes, high gloss finishes and/or a computerized match to your custom color offer a virtually endless combination of choices – including two tone effects. Our preparation and finishing procedures deliver a superior enameled surface, highly resistant to chipping, cracking and corrosion, to create a lasting impression for your locker installation. Unless otherwise indicated, interior colors will be dove gray or putty.



*Optional Special High-Gloss Finishes

Available on all Lyon premier colors shown above.

*Optional Special Clear Coat Finishes

Color coat plus one coat of clear polyester protects and beautifies your locker installation. This extra gloss coat protects the locker finish by making it more durable and mar resistant.

Note: All color chips are reproductions and approximate the actual color as closely as possible. For a more precise color match, request a C601 color chart.

*Optional Three Step, Corrosion Resistant Finishing Process

Whenever additional Corrosion Resistance is specified, Lyon undertakes a rigid three step process to meet this requirement for lockers to be installed in high humidity or corrosive atmospheres.

1. All doors, frames and parts are cleaned and treated with a multi step detergent/iron phosphate coating, cold water rinsed and sealed with an environmentally sound non chrome treatment.

2. A prime coat of modified epoxy is applied through an electrostatically charged dip process providing superior coverage and corrosion protection.

3. A finish top coat of high solids polyester paint is applied over the prime coat through an electrostatically charged spray process, maximizing coverage and corrosion protection.