Republic
STORAGE SYSTEMS, LLC

service dependability excellence quality integrity

Specifications

Single Point II Corridor All Welded Lockers

Single, Double, Triple & Four Tier

PART 1- GENERAL

1.1 RELATED DOCUMENTS:

We suggest use of your standard office reference to drawing, general and special conditions, etc.

1.2 SCOPE:

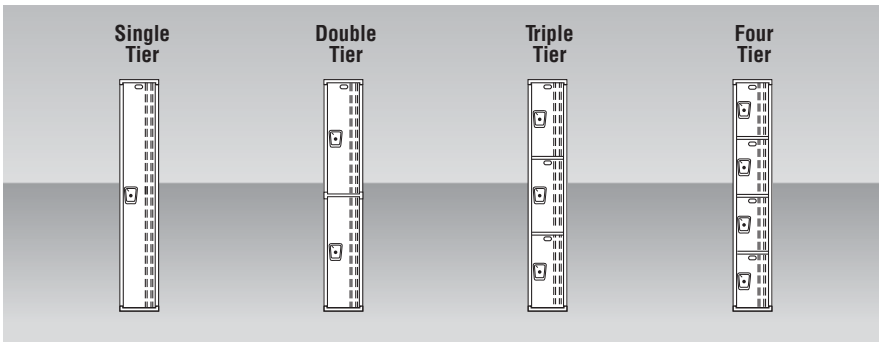
Furnish and install new steel lockers, accessories and finish metal trim as shown or indicated on approved drawings. Concrete or masonry bases, wood furring, blocking or trim as may be required by drawings are included in other sections of this specification.

1.2.1 SUBMITTALS:

Shop Drawings: Submit drawings showing locker types, sizes and quantities, including all necessary details relating to anchoring, trim installation and relationship to adjacent surfaces.

Numbering: The locker numbering sequence shall be provided by the approving authority and noted on the approved drawings returned to the locker contractor.

Color Charts: Provide color charts showing manufacturer's available colors. If required by normal office procedures or in the event of non-standard color selection, request samples of paint on metal



Lock Combination Listings and Master Keys: Use only when combination locks are specified. Delivered directly to the owner's representative.

1.3 QUALITY ASSURANCE:

1.3.1 UNIFORMITY: Provide each type of metal locker as produced by a single manufacturer, including necessary accessories, fittings and fasteners.

1.3.2 JOB CONDITIONS: Do not deliver metal lockers until building is enclosed and ready for locker installation. Protect from damage during delivery, handling, storage and installation.

PART 2- PRODUCTS

2.1 MANUFACTURER:

Republic Storage Systems, LLC. Products by other manufacturers may be approved provided they meet the detailed specifications written below. Approval procedure shall be as specified in the General Conditions of these specifications.

2.2 LOCKERS:

Configuration:

- ○ *Single Tier*
- ○ *Double Tier*
- ○ *Triple Tier*
- ○ *Four Tier*

Size: _____

Color: _____

No. of Locker Frames: _____

No. of Locker Openings: _____

2.3 FABRICATION:

2.3.1 MATERIAL: All major steel parts shall be made of mild cold rolled steel, free from imperfections and capable of taking a high grade baked enamel or powder coat finish.

-ALTERNATE: Specified locker components shall be manufactured from Galvannealed steel and finished by manufacturer's standard process.

MADE IN THE USA

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2.3.2 FINISH: Surfaces of the steel shall be thoroughly cleaned, phosphatized and prepared for baked enamel or powder coat finish in accordance with paint manufacturer's instructions.

2.3.3 CONSTRUCTION: Lockers shall be pre-assembled of welded construction in multiple groups conforming to job requirements. All welds shall be smooth and without burrs. No nuts, bolts or rivets shall be allowed in assembly of main locker groups.

2.3.4 DOOR FRAMES: Door frames shall be 16 gauge formed into 1" wide face channel shapes with a continuous vertical door strike integral with the frame on both sides of the door opening. Double, triple and four tier locker cross frame members shall be 16 gauge channel shaped securely welded to vertical framing members to ensure a square and rigid assembly.

2.3.5 DOORS: Construction shall be a single piece 14 gauge outer door with double return flanges on both vertical edges and a single return flange on the top and bottom edges. Doors on tiered lockers shall be reinforced with a full height 16 gauge channel reinforcement. Ventilation consists of full perimeter opening plus, Verti-vent slots in the top and bottom of doors. Doors shall be punched for the number plate mounting on the top face of the door.

2.3.6 LATCHING: Latching shall be achieved by securing an 11 gauge frame hook to the locker side frame located midway up on the door. This frame hook shall have a padlock hasp protruding through the stainless steel recessed pocket and also will have punching to accept Master Lock 1690 or 1790.

2.3.7 HANDLES: A one piece, deep drawn stainless steel cup shall be securely riveted to the door to form a receptacle for the padlock or built-in lock. The pocket shall also have a formation across the top that provides a door pull. This stainless steel pocket shall contain a recessed area for the various lock types.

2.3.8 HINGES: Hinges shall be 2" high, 5-knuckle, full loop, tight pin style, securely welded to frame and double riveted to the inside of the door flange. Locker doors 42" high and less shall have two hinges. Doors over 42" shall have three hinges.

-ALTERNATE: Continuous "piano" style hinges may be used on single, double or triple tier doors. Tiered locker doors shall have a full height, 16 gauge staked pin continuous hinge, with full curl 1/2" knuckles and a flush .120 diameter pin on a standard flat assembly. Hinge shall be securely welded to the side frame and riveted to the side flange of the door.

2.3.9 BODY: Locker body components shall be made of cold rolled steel specially formed for added strength and rigidity and to ensure tight joints at fastening points. Uprights shall be fabricated from 16 gauge steel. Locker back shall be fabricated from 16 gauge cold rolled sheet steel and formed in combination with the 16 gauge upright to provide a one-piece uniform structure. Tops, bottoms, shelves and compartment dividers shall be 16 gauge steel, fully flanged on all sides for added stiffness. Shelves shall have an additional return flange on the front edge creating a channel shape to rigidize the impact surface. All body parts are finished in the same color selected for doors and frames.

2.3.10 INTERIOR EQUIPMENT: Single tier lockers over 42" high shall have one hat/book shelf. Other tiered lockers do not require shelves. All single, double and triple tier lockers shall have one double prong rear hook and two single prong side hooks in each compartment. All hooks shall be made of steel, formed with ball points, zinc-plated and attached with two bolts or rivets. Locker openings under 20" high are not equipped with hooks.

2.3.11 NUMBER PLATES: Each locker shall have a polished aluminum number plate with black numerals not less than 1/2" high. Plates shall be attached with rivets to the top face of the locker door for high visibility.

2.3.12 COLOR: Lockers to be finished in colors selected from Republic's collection of twenty-five baked enamel colors.

-ALTERNATE: Lockers to be finished in colors selected from Republic's collection of nine powder coat colors.

-OPTION: Specifier may modify above paragraph if non-standard custom colors are selected.

2.3.13 ASSEMBLY: Assembly of welded locker groups to each other shall be accomplished by the use of zinc plated, low round head, slotless, fin neck machine screws with keps nuts, producing a strong mechanical connection.

PART 3 - EXECUTION

3.1 INSTALLATION:

Lockers must be installed in accordance with manufacturer's approved drawings and installation instructions. Installation shall be level and plumb with flush surfaces and rigid attachment to anchoring surfaces.
Space fasteners at 36" O.C. or less, as recommended by manufacturer. Use fasteners appropriate to load and anchoring substratum. Use reinforcing plates wherever fasteners could distort metal.

Various trim accessories where shown, such as sloping tops, fillers, bases, recess trim, etc., shall be installed using concealed fasteners. Flush, hairline joints are provided at all abutting trim parts and at adjoining surfaces.

3.2 ADJUSTMENT:

Upon completion of installation, inspect lockers and adjust as necessary for proper door and locking mechanism operation.

3.3 QUALITY ASSURANCE:

Republic reserves the right to modify the design and/or change specifications or colors/finish consistent with our policy of product excellence.

NOTE: For user safety, all Republic lockers must be secured to the wall and/or floor prior to use.

Republic
STORAGE SYSTEMS, LLC

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