

## SECTION 10500 - METAL LOCKERS

### 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.

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 the 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 Products, 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 locker specifications.

#### 2.2 LOCKERS:

Configuration:

Size:

Color:

No. of Lockers

## 2.3 FABRICATION - GENERAL

2.3.1 MATERIAL: All major steel parts shall be made of mild cold rolled steel A.S.T.M. A1008/A, free from imperfections and capable of taking a high grade powder coat finish.

2.3.2 FINISH: Exposed steel parts shall be thoroughly cleaned, given a bonding and rust inhibitive phosphate treatment and then electrostatically sprayed with powder coat paint.

NOTE: Contact Republic for finish compatibility with any chemicals.

2.3.3 CONSTRUCTION: Lockers shall be built on the unit principle, each locker shall have an individual frame, an individual top, bottom, sides, back and shelves. This is an open front locker - a full length locker door is not available. Assembly of all locker components shall be by riveting with a backup washer to provide shake-proof permanent fastening while still permitting fastener removal by drilling to allow future rearrangement of lockers or replacement of damaged parts.

-OPTION 1: Keps nuts and bolts may be used for assembly.

-OPTION 2: Lockers shall be pre-assembled of welded construction 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. Optional Locked Compartment and/or Foot Locker are not welded into assembly.

2.3.4 FRAMES: Integral part of sides, top and bottom of locker.

2.3.5 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. 16 gauge side uprights are perforated with diamond shaped openings 3/4" wide by 1-1/2" high for maximum ventilation. Diamond pattern shall be located between the foot locker and the clothes hooks. Solid steel sections shall occur at the locked compartment above the shelf and at the foot locker to provide closed compartments. Locker backs shall be 18 gauge steel with right angle flanges on each vertical side for stiffness, ease of assembly and corner rigidity. Tops, bottoms, and upper shelves shall be 16 gauge steel. Lower shelves shall be 14 gauge steel. All locker components are finished in the same color.

2.3.6 INTERIOR EQUIPMENT: MVP II Lockers shall be equipped with one full width shelf located a nominal 13" down from the top of the locker and having a 14 7/8" nominal depth. The locker shall be equipped with four double-prong clothes hooks, one mounted on each side and two mounted on the locker back. In addition, a 1" diameter 18 gauge galvanized coat rod shall be provided for the full width of the locker. Brackets are 16 gauge and screwed to the upper shelf reinforcement.

-ALTERNATE: Optional Foot Locker: The bottom portion of the locker shall have a full width, enclosed foot locker with a hinged lid that also serves as a built-in seat. The front panel of the foot locker shall be 14 gauge steel with right angle flanges on the two sides and bottom, which attach the panel to the locker frame. The front panel shall also have a channel shaped top flange, which supports the hinged seat/lid. The face of the front panel includes a recessed opening that accepts the 11 gauge padlock hasp mounted on the hinged seat/lid. The front panel is further strengthened by 12 gauge gussets located at the top corners of the panel, and attached to the side extensions.

The recessed opening shall contain a 24 gauge stainless steel strike plate. The hinged seat/lid shall be 14 gauge steel with channel-shaped flanges on the sides and front, and a right angle flange across the rear. The front channel will have four rubber bumpers that bear on the top channel of the front panel. The seat/lid shall have a full width, continuous hinge riveted to the rear flange and attached to the lower shelf. Two channel-shaped side extensions shall be mounted to the locker sides to provide supporting flanges along the sides of the seat/lid.

-ALTERNATE: Optional Locked Compartment: Shall consist of a 16 gauge vertical partition extending from the 14-7/8" deep, full width shelf to the locker top, forming a security box on the right side of the shelf. The locked compartment door shall be 18 gauge steel. The door latch shall be a protruding zinc plated padlock hasp with an integral handle. The door shall be punched to accept built-in combination or key locks.

2.3.7 NAME PLATE: Each locker shall have a 22 gauge stainless steel name plate holder. Name plate holder shall be 2" high and attached to the full width upper shelf using standard nuts/bolts or pop rivets.

2.3.8 COLOR: Lockers shall be finished in colors selected from Republic's collection of premier powder coat colors.

-ALTERNATE: Optional Foot Locker and Optional Locked Compartment shall be finished in colors selected from Republic's collection of premier powder coat colors.

-OPTION: Optional Foot Locker and Optional Locked Compartment may be finished in a secondary color selected from Republic's collection of premier powder coat colors.

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

### PART 3- EXECUTION

3.1 INSTALLATION: Lockers must be installed in accordance with manufacturer's approved drawings and assembly instructions. Installation shall be level and plumb with flush surfaces and rigid attachment to anchoring surfaces.

Space anchors at 36" O.C. or less as recommended by the manufacturer. Use fasteners appropriate to load and anchoring substratum. Use reinforcing plates wherever fasteners could distort metal.

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.