



## REPUBLIC ABC CUBBIES LOCKER SPECIFICATIONS

### SECTION 10500 - METAL LOCKERS

#### PART 1- GENERAL

##### 1.1 RELATED DOCUMENTS:

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

##### 1.2 SCOPE:

Furnish and install new steel lockers, accessories and finish metal trim as shown or indicated on 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, 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.

##### 1.3 QUALITY ASSURANCE:

1.3.1 UNIFORMITY: Provide each type of metal locker as produced by a single manufacturer, including necessary installation 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 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: (fill in as specified)

Configuration:

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 enamel or powder coat finish.

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





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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 built on the unit principle—each locker shall have an individual frame, an individual top, bottom, back and shelves with common intermediate uprights separating units. Assembly of all locker components shall be by riveting with washer back up.

-ALTERNATE: Assembly of all locker components shall be by Keps nuts and bolts.

-ALTERNATE: Welded 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. Optional vertical partition in companion compartment is not welded into assembly.

2.3.4 FRAMES: Frames shall be 16 gauge formed into 1" face channel shapes with a 180 degree bend of the inner flange to provide maximum free access. Top and bottom frame members of 16 gauge channel shapes shall be securely welded to vertical framing members to ensure a square and rigid assembly.

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. Uprights shall be 16 gauge with holes necessary for assembly of all configurations. Locker backs shall be 18 gauge steel with right angle flanges on each vertical side for stiffness, ease of assembly, and to provide corner rigidity. 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 the frame.

-ALTERNATE: Welded Construction: 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.

2.3.6 INTERIOR EQUIPMENT: Single Compartment configuration shall have one hat/book shelf near the top of cubbie. Double Compartment configuration shall have one hat/book shelf dividing cubbie in half. Triple Compartment configuration shall have two hat/book shelves dividing cubbie in thirds. Companion Compartment configuration shall have two hat/book shelves and center partition. Single and Double Compartment configurations shall have two single prong wall hooks and one double prong back hook in each opening. Companion Compartment configuration shall have two single prong wall hooks in each opening. All hooks shall be made of steel, formed with ball points, zinc plated and attached with two bolts or rivets.

2.3.7 IDENTIFICATION TAGS: Each compartment shall be supplied with a 6"x1" Hol-Dex Slip Strip label holder with self-adhesive backing and paper insert. Label holder shall be attached to the front flange of the shelf or locker frame.

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

-ALTERNATE: Lockers shall 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

## PART 3- EXECUTION

### 3.1 INSTALLATION:

Lockers must be installed in accordance with manufacturer's approved drawings. 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. Reinforcing plates to be used 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 shall be provided at all abutting trim parts and at adjoining surfaces.



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### 3.2 ADJUSTMENT:

Upon completion of installation, inspect lockers and adjust as necessary for proper 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.

