

## **Hallowell<sup>®</sup>** **Storage Cabinet** **Specifications**

**General:** Cabinets shall Be "**Hallowell Storage Cabinet** " as manufactured by Hallowell, Div. List Industries Inc. or approved equal. Fabricate cabinets square, rigid and without warp, with metal faces flat and free from dents or distortion. Make all exposed metal edges safe to touch. Weld frame members together to form rigid, one-piece structure. Weld, bolt, or rivet other joints and connections as standard with manufacturer. Grind exposed welds flush. Do not expose bolts or rivet heads on fronts of cabinet doors or frames.

**Finishing:** All cabinet parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade enamel electrostatically sprayed and baked at 325 degrees Fahrenheit for a minimum of 30 minutes to provide a tough durable finish. Color to be List Industries' #729 Parchment.

**Frame:** Fabricate of 16 gauge (minimum) channels, with integral continuous door stop/strike formed on both latch and hinge side vertical members. Cross frame members of 16 gauge channel shapes shall be securely welded to the vertical framing members to ensure rigidity. Bottom frame member to be not less than 4" high.

**Doors:** Right and left doors shall each be fabricated from single sheet prime 20 gauge with single bends at top and bottom and double bends at the sides. **Doors shall include a 3" wide 20 gauge full height hat channel door stiffener spot welded to the inner door face.** The latching mechanism located in the right hand door shall be a 3-point projecting turn-handle latching mechanism designed to positively engage frame at the top and bottom as well as to the center of the left hand door. The vertical lock rods shall be fabricated from heavy 14 gauge x 1-1/4" wide galvanized steel. Nylon lock rod guides shall be inserted into the upper and lower door flanges of the right hand door insuring proper engagement between the lock rods and locker frame when the door is in the locked position. Locking devise shall include a built-in cylinder key lock. Doors to be plain (non-perforated).

**Door Hinges:** Shall not be less than 2" long 16 gauge five knuckle pin type, securely welded to frame and riveted to the door. Provide 3 hinges for each door.

**Body:** Fabricate back and sides of 20 gauge (minimum) sheet steel. Sides to include a single bend at the vertical edges which overlap the offset of the vertical edge on the rear panel. Adjustable shelf retainer strips are to be spot welded to the inner side panels allowing shelf adjustment on 2" centers. Form top and bottom of 20 gauge (minimum) sheet steel bolted at all four sides.

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**Equipment:** Furnish each combination cabinet with the following items, unless otherwise shown.

**Four Adjustable Full Width Shelves:** Form shelves of 20 gauge (minimum) sheet steel with single bends at sides and double return bends at both the front and back. Shelves are adjustable on 3" centers.

**One-Year Warranty:** Hallowell Cabinets are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section **for a period of one year.**