

Hallowell®

400 Series Commercial Cabinet Specifications

General: Cabinets shall be "**Hallowell Model 415/425 (Storage), 435/445 (Wardrobe), & 455/465 (Combination) Commercial Cabinets**" as manufactured by Hallowell 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.

Cabinets shall be **Greenguard Children & SchoolsSM** Certified.

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 custom blend powder electrostatically sprayed and baked at 350 degrees Fahrenheit for a minimum of 20 minutes to provide a tough durable finish. Color to be Hallowell's #729 Parchment OR #708 Midnight Ebony OR #725 Hallowell Gray.

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 22 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 options are solid (non-perforated), Safety-View™ (clear polycarbonate panels – two per door) and ventilated (expanded metal panels – two per door).

Door Hinges: Shall not be less than 16 gauge full height continuous piano type hinges securely welded to the door and riveted to the frame.

Body: Fabricate back and sides of 22 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 22 gauge (minimum) sheet steel bolted at all four sides.

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Casters Kit (Mobile Units ONLY): Caster kit shall consist of four lockable swivel casters and two caster mounting plates. Casters shall be 4" diameter casters with an individual capacity of not less than 350 lbs. Mounting plates shall be 14 gauge steel, 4-3/4" wide and include a formed stiffening flange.

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.**

Model Specific Equipment

415/425 Commercial Storage Cabinets

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

Four Adjustable Full Width Shelves: Form shelves of 22 gauge (minimum) sheet steel with single bends at sides and double return bends at both the front and back. Shelves are adjustable on 2" centers.

435/445 Commercial Wardrobe Cabinets

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

Full Width Upper Shelf: Form shelf of 22 gauge (minimum) sheet steel with single bends at sides and double return bends at both the front and back. Shelf is adjustable on 2" centers.

Coat Rod: Full-width coat rod to be located below the shelf.

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455/465 Commercial Combination Cabinets

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

Full Width Upper Shelf: Form shelf of 22 gauge (minimum) sheet steel with single bends at sides and double return bends at both the front and back.

Center Partition: Shall be fabricated from minimum 22 gauge sheet steel. The center partition is to be bolted to the underside of the upper shelf, cabinet back and bottom.

Half Width Shelves: Form half width shelves of 22 gauge (minimum) sheet steel with single bends at sides and double return bends at both the front and back. Provide three half width shelves.

Coat Rod: Half-Width coat rod to be located below the upper shelf on the wardrobe side of the combination cabinet.