

ART METAL PRODUCTS®
Heavy-Duty Ventilated Elite (HDVE)
KD Wardrobe and Box Lockers

General: Lockers shall be "AMP Heavy-Duty Ventilated (HDV) KD Wardrobe and Box Lockers" as manufactured by Art Metal Products or approved equal. Fabricate lockers 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 locker doors or frames except for fastening of number plates and recessed handle.

Lockers shall be **GREENGUARD Children & Schools CertifiedSM**

Finishing: All locker parts to be cleaned and coated after fabrication with a seven-stage hot-spray washing process and coated with a zirconium-based nanoceramic conversion coating providing a green alternative to traditional iron phosphate 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 selected from manufacturer's standard list of colors. Interior components to be painted choice of #729 Parchment or #725 Hallowell Gray. **Two-Tone Color Combination: Shall be at no additional cost with the locker frame and trim chosen from one color and the doors may be one of any other color chosen from manufacturers standard selection.**

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, including intermediate cross frame members on double and triple tier (frames with doors over 18" high) lockers shall be securely welded to the vertical framing members to ensure rigidity. Rubber bumpers shall be provided to cushion door closing.

HDVE Wardrobe Doors: Doors 20" high and higher shall be fabricated from single sheet prime 14 gauge with single bends at top and bottom and double bends at the sides. The channel formed by the double bend at the latch side is designed to fully conceal the lock bar. Doors to be perforated with 5/8" x 1-1/2" diamonds. Doors include a 3" wide (1-1/2" for 9" wide doors), full height channel door stiffener MIG welded to the hinge side of the door as well as the top and bottom door return bends and spot welded to the inside of the door face to form a rigid torque-free box reinforcement of the door.

HDVE Box Doors: Doors 18" high and under to be fabricated from single sheet prime 14 gauge with single bends at top, bottom and sides. Doors shall include a combination friction catch door pull. Padlock Strike Plates are optional. Doors shall be fabricated to accept a built-in combination lock or padlock. **Doors with projecting spring latches shall not be acceptable.** Doors to be perforated with 7/16" x 15/16" diamonds. Doors include a 3" wide (1-1/2" for 9" wide doors), full height channel door stiffener MIG welded to the hinge side of the door as well as the top and bottom door return bends and spot welded to the inside of the door face to form a rigid torque-free box reinforcement of the door.

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Stainless Steel Recessed Locker Handle: All wardrobe doors shall have a deep-drawn, seamless, not less than 304 stainless steel recessed handle shaped to receive a padlock or built-in combination lock. The recess pan shall be deep enough to have the lock be flush with the outer door face. Box doors shall be equipped with a combination friction catch door pull as stated above.

Latch Assembly: The latching mechanism for wardrobe doors shall be finger lift control type constructed of 14 gauge (minimum) steel with a nylon cover that has a generous finger pull. Spring activated nylon slide latches shall be completely enclosed in the lock channel allowing doors to close with the lock in the locked position. Lock bar shall be hot dip galvanized and installed after the door is painted to ensure proper paint coverage and operation. Locking device shall be designed for use with either built-in combination locks or padlocks. Latch hooks shall be securely welded to the vertical frame channel on the strike side to engage the nylon slide latches. Three latch hooks for doors 48" and higher, two latch hooks for doors under 48" high.

Door Hinges: All doors shall include a 16 gauge continuous piano hinge welded to the door and riveted to the frame. All doors to be right hand, side hinged.

Body: Fabricate backs of 18 gauge (minimum) solid sheet, sides of 16 gauge (minimum) sheet steel with double flanged connections extending full height. Sides to be diamond perforated for added ventilation. Form top, bottom and intermediate tier dividers of 16 gauge (minimum) solid sheet steel with single return bends at all sides. Bolt top and bottom as well as horizontal tier dividers of wardrobe openings to front horizontal frame members at not less than one place in addition to side panels. Form hat shelves at 60" and 72" high single tier lockers of 16 gauge (minimum) sheet steel with single bends at sides and back and a double bend at front.

Locks (If Required): Shall be master keyed to one system for the entire project. (See lock use chart for suggested lock application).

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

Single tier lockers: Openings 60" and 72" shall include one hat shelf, one double prong ceiling hook and a minimum of two single prong wall hooks.

Double tier lockers: Openings 30" and 36" high shall include one double prong ceiling hook and a minimum of two single prong wall hooks.

Triple tier lockers: Openings 20" and 24" high shall include one double prong ceiling hook only.

Box lockers: No hooks

Two-Year Warranty: Art Metal Products KD lockers 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 two years.