Deluxe Cabinet Specifications

Material: Deluxe Storage Cabinets, as well as all Tennsco Products, are fabricated of high quality, cold rolled carbon steel, free of scale or rust, and fully pickled. Exposed edges, corners, and surface areas are free of sharp edges and all workmanship is of the highest quality as measured by the industry.

Finish: All steel components shall be thoroughly cleaned and phosphatized for rust resistance in a five-stage pre-treatment process. A high grade of polyester/epoxy powder paint is to be applied electrostatically with a gloss reading of between 55 and 65. The finish shall have a salt spray rating of 250 hours or more.

Header: The header is 16 gauge steel, formed into a 1 11/16" wide and 1 7/16" deep "C" channel formation having a 25/32" angle formation on the bottom leg of the header. The header is slotted to accept the lock bar from the three point locking system. The header is welded to the frame making it an integral part of the frame assembly.

Sill: The sill is 16 gauge steel formed into a 4" wide and 1 3/16" deep "C" channel formation having a 13/16" angle formation off the top leg of the sill. The sill is slotted to accept the lock bar from the three point locking system. The sill is resistance welded to the frame making it an integral part of the frame assembly.

Side Frames: The side frames are 16 gauge steel formed into 1" wide "C" channel formation have a 1 1/2" and a 21/64" flange. The side frames are resistance welded to the header and sill.

Hinges: Hinges are semi-concealed, five knuckle, tight pin, 16 gauge full loop hinges that are resistance welded to frames and riveted to the door. There are four hinges per door on 78" cabinets and three hinges per door on 42" cabinets.

Doors: Doors are formed from 21 gauge steel with a 27/32" flange on top and bottom. The doors are 1" thick with a channel formation on the edges. The door strike on the left hand door is hemmed for a smooth uniform edge. The doors are reinforced with a full length door stiffener that is 4 1/8" wide and 25/32" high. The doors are designed in such a way to accept the standard three point locking system.

Sides: Sides are formed from 22 gauge steel and have 3/4" 90 degree flanges on the top and the bottom. The sides have a 90 degree flange on the back for strength and an offset on that front to allow the side to fit flush with the frame. Each side has a dog ear strip to secure the shelves in place and allow for shelf adjustability on 2" centers.

Back: The back is formed using 22 gauge steel and has 25/32" 90 degree flanges on the top and bottom. Welded cabinet backs have two, 4 11/16" x 2 3/4" louver clusters for ventilation, while KD backs have four. Each louver is formed to the inside of the cabinet. The backs have two rows of dog ear lances perforated in the back to secure the shelves and allow shelf adjustability on 2" centers. Every third dog ear is shaped different to make installation and line up of shelves easier.

Top: The top is formed using 22 gauge steel and has 25/32" 90 degree flanges on all four sides.

Bottom: The bottom is formed using 20 gauge steel and has 25/32" flanges on all four sides.

Shelf: 18" shelves are 20 gauge and 24" shelves are 22 gauge, flanged at the rear and ends. Box formation at the front. Adjustable on 2" increments.

Handles: The cabinet has two brushed chrome handles. The right handle has a built in lock and locks both doors, making the opening and closing of dual swing out doors easy. The left dummy handle provides a pull for the door while giving an attractive appearance to the cabinet. The locks are core removable and master keyed. Locks can be keyed to the same key as other Tennsco products.

Recessed Handle Units: 3 1/2" diameter recessed handle with built-in lock on right hand door.

Three Point Locking System: The cabinet is equipped with a secure three point locking system. The system consists of a locking cam that secures the two doors together with two 5/8" x 1/8" locking bars that locks the right door securely into the header and sill. The left door is held by the right door. The lock mechanism is operated by turning the right handle and the two lock bars will operate smoothly using nylon silencers.

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Partition: Partitions are formed using 22 gauge steel and have 25/32" flanges at the top, bottom, and rear with a formed bead in the front. The partitions have two rows of dog ear lances running vertical, designed to secure the shelf in place.

Partition Shelves: Partition shelves are formed with 22 gauge steel and have 1 1/8" flanges at rear and ends. They have a channel formation in front and are adjustable on 2" increments.

Shelf Clip: Shelf clips are formed using 20 gauge steel. No hardware is required to hold the shelf.

Coat Rod: Coat rod is made using 20 gauge 5/8" O.D. plain steel tubing. Coat rods are installed into combination cabinets through coat rod brackets and secured with hardware screws on top of the bracket and the side.

Bolts & Nuts: For KD cabinets only: bolts and nuts consist of a sealed plastic bag with #8-32-1/2" slotless headed bolts with hex nuts. All bolts have flush heads.