

Deluxe Cabinet Specifications

Materials: 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 ga. 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 ga. 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 ga. 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 ga. full loop hinges that are resistance welded to frames and riveted to the door. There are 4 hinges per door on 78" cabinets and 3 hinges per door on 42" cabinets.

Doors: Doors are formed from 21 ga. 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 41/8" 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 ga. 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 the 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 ga. 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 with nothing protruding to the back of the cabinet. The backs have 2 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 ga. steel and has 25/32" 90 degree flanges on all four sides.

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

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

Handles: The cabinet has 2 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 lock cam that secures the 2 doors together and 2, 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 operate smoothly using nylon silencers.

Partition: Partitions are formed using 22 ga. steel and have 25/32" flanges at top, bottom and rear with a formed bead in the front. The partitions have 2 rows of dog ear lances running vertical, designed to secure the shelf in place.

Partition shelves: Partition shelves are formed with 22 ga. 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 Strip: Shelf clips are formed using 20 ga. steel. No hardware is required to hold shelf.

Coat Rod: Coat rod is made using 20 ga. x 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 bracket and side.

Coat Rod Brackets: Coat rod brackets are formed with 20 ga. steel. Coat rod brackets bolt to the side panel and partition with 8-32-1/2" bolts and nuts.

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.