

## Drawer Cabinet Specifications

**Materials:** Drawer 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/Top Combo:** The header/top is 22 gauge steel, formed into a "C" channel formation having an angle formation on the bottom leg of the header/top for door strike. The header is slotted to accept the lock bar from the three point locking system.

**Sill:** The sill is 22 gauge steel, formed into a "C" formation having an 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 welded to the sides making it an integral part of the assembly.

**Hinges:** Hinges are separated into two pieces. The lower half is welded to the sides with the upper half welded to the doors. There are 3 hinge sets per door on the DWR-6618 units and 2 hinge sets per door on the DWR-4218 units. A 1/8" diameter 3" long Zinc plated hinge pin is installed to connect the two halves.

**Doors:** Doors are formed from 24 gauge steel with a 3/4" 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 24 ga. door stiffener that is 6" wide and 23/32" high. The doors are designed in such a way to accept the standard three point locking system.

**Sides:** Sides are formed from 24 gauge steel and have 90-degree flanges on the top and bottom. The sides have a 90-degree flange on the back for strength. 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 24 gauge steel and has a 90-degree flange on the bottom. The backs have two rows of dog-ear lances perforated in the back to secure the shelves and allow shelf adjustability on 2" centers.

**Bottom:** The bottom is formed using 20 gauge steel.

**Shelves:** Shelves are formed using 20 gauge steel and have 25/32" 90-degree flanges on both ends and back. The front has a 7/8" box formation for added strength. The shelf hooks into the dog-ear lances on the sides and back and is adjustable on 2" centers.

**Handle:** The cabinet has a plastic and steel recessed handle. The handle has a built in lock and locks both doors, making the opening and closing of dual swing out doors easy.

**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 two doors together and two 19/32" 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. Turning the right handle operates the lock mechanism, and the two lockbars operate smoothly within nylon silencers.

**Ball-Bearing Suspensions:** Telescoping ball-bearing slides allow full extension of the drawers. The slides have met ANSI/BIFMA standards. They have been tested for 70,000 openings and closings and are made of steel with zinc dromate finish. Urethane bumpers cushion the end positions.

**Drawers:** All drawers operate on ball-bearing slides, which can be full extended. The load capacity of each drawer is 90 pounds. The drawer itself consists of a body, a front, and side panels. The front is 16 gauge and the side panels are made of 18 gauges. The entire welded assembly is paint finished. The drawer front contains single point cam lock mechanism. Two 14 gauge hanging folder rods are included that can be used for both letter and legal filing. The drawers are slotted to accept 5AD dividers (not included).