

## **Vertical File Specifications**

**General Design:** Files are contemporary styling, with steel tops, side panels, flush back, full bottom, drawers and inner supports. Drawers are interchangeable with substitute drawers and are mounted on a heavy duty suspension system capable of meeting specifications. Drawers have compressors, drawer pulls, label holders, and innerlock. All files are supplied with a core removable master keyed lock. Files are available in legal and letter in two to five drawer configurations. Files are 28" deep, 15" wide letter and 18" wide legal.

**Materials:** Vertical Files 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 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.

**Case:** The case consists of a top, right and left side, back panel, and base. Sides are reinforced with full height uprights, both front and rear. Case is rigid and smooth without sharp corners or exposed edges.

**Front and Rear Uprights:** Uprights are 20 gauge cold drawn multi-formed and approximate height of side panel. They are punched for attachment of suspensions.

**Front Parting Rails:** Parting rails are 20 gauge steel, multi-formed, and mig welded to left and right side between each drawer level. They are attached to the uprights and add cross support to reinforce the case insuring rigidity and plumbness.

**Bottom and Front Base Channels:** The base is 20 gauge steel multi-formed in single piece construction. The rear and sides have simple upward flanges that are resistance welded to the inside of the back and side panels. The front of the base is formed upward in a channel formation that overlaps the sides. The overlaps are resistance welded to the sides and act as gussets keeping the case square. The entire bottom is closed and smooth so the cabinet can be moved without marring floors.

**Side Panels:** The sides are 22 gauge steel channels formed on front edge to inter-lock with front uprights. Rear edge is formed with straight flange that overlaps and is resistance welded to back panel.

**Top Panel:** The top is 20 gauge steel fully framed in channel shape on front with straight flanges on sides and rear. Side flanges are welded to inside of side panels and rear of back panel. The front of the top overlaps the sides and is resistance welded for added strength.

**Back Panel:** The back is 24 gauge steel flat panel. The back is fully framed and reinforced by overlapping flanges on the top, bottom, and sides. The backs are resistance welded at multiple points.

**Drawers:** Drawers are multi-formed and welded. Drawer front and back are welded to drawer body. The back of the drawer is 24 gauge. It has a 1/2" inward flange on the bottom and sides. The bottom flange is welded to the inside of the drawer and the side flanges are welded to the outside of the drawer. The top of the back has an outward channel form that adds strength without reducing internal capacity. The drawer body is 24 gauge. The sides are full height to accommodate hanging folders. The top of the sides are hemmed for strength and to insure a smooth surface free of sharp edges and burs. A 1 5/8" wide x 1/4" deep channel is formed into the center of the drawer body. The channel allows for flush mounting of the compressor track. The 24 gauge compressor track is welded into the channel and is multi-formed to trap the compressor allowing only front to back movement. The drawer front is 22 gauge steel. It is channel formed on all sides with internal flanges mitered for proper fit. The front is welded to the drawer body on the sides and bottom. The drawer front has a full width recessed handle. The cut out for the handle is hemmed top and bottom to eliminate sharp edges. An internal 22 gauge stiffener is welded to the inner drawer front to create a closed recess with ample room for opening the drawer. Drawers can hold a capacity of 120 lbs each.

**Compressors:** Compressors are 16 gauge steel, partly rounded at the top in a goal post design. Bottom edge and side flanges formed rearwardly. Compressor is trapped in track and can only move front to rear or rear to front. Compressor relies on heavy friction fit to prevent files from shifting. When force is applied to the top of the compressor, it angles backward, applying pressure within the compressor track. This friction hold is sufficient to keep file folders stationary. Compressor can be easily adjusted by tilting forward and moving it within the compressor track.

## **Vertical File Specifications**

**Innerlock:** Tennsco vertical files are equipped with a mechanical inner-lock which will only allow one drawer to be opened at a time. Once a drawer is opened no other drawer can open until it is closed. The inner-lock has been tested to 50,000 cycles. This option allows for ADA compliance. Many files with thumb latches require more than the allowable force for operation under the ADA guidelines. The inner-lock also functions as the lock bar.

**Suspensions:** Suspensions are the ball bearing type, with two moving members and multiple heavy duty hardened polished steel balls in each assembly. All channels are cold drawn from special cold rolled steel, zinc plated track way curved to fit contour of ball bearings. Assembly is permanently lubricated. They can be firmly attached to the front and rear uprights and are easily removable and replaceable.

**Locks:** All vertical files have a key type lock. Available keyed randomly or alike. All locks are master keyed and core removable. Lateral and vertical files can be keyed alike if necessary. Locks are simple rotating cam design. When locked, the cam prevents upward movement of the lock bar.