

## 18" Deep Welded Bookcase Specification

**Material:** Welded Bookcases, 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.

**Sides:** Sides are formed from 24 gauge steel and have  $25/32$ " 90 degree flanges on 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 header and sill. Each side has dog-ear strips to secure the shelves in place and allow for shelf adjustability on 2" centers.

**Back:** The backs are formed using 24 gauge steel and have a  $7/8$ " flange on the bottom. The back is inserted to a fixture and spot welded to the inside flange of the sides, top, and bottom shelf of the units for strength and durability.

**Top:** Tops are formed using 22 gauge steel and have  $1-11/16$ " box formation on the front and  $15/16$ " 90 degree flange on the back and sides. The top has the manufacturer's name plate on the front of the box formation.

**Sill:** The sill is 20 gauge steel formed into a 4" wide and  $1\ 3/32$ " deep "C" channel formation having a  $47/64$ " angle formation off the top leg of the sill.

**Bottom:** Bottoms are formed using 20 gauge steel and have a  $1\ 7/32$ " 90 degree flange on all sides.

**Shelves:** The shelves are formed using 20 gauge steel and have  $3/4$ " 90 degree flange on the sides and rear. The front of the shelf has a  $3/4$ " box formation for added strength. The shelf hooks into the dog ear lances on the sides and back and are adjustable on 2" centers.

**Adjustable Levelers:** Two adjustable levelers on front corners compensate for uneven floors.