

Tab Style Shelving Specifications

UPRIGHTS: Uprights will consist of two post and spreaders riveted together into a rigid framework. Two spreaders will be used on 60" or shorter units and three on 72" and 84" uprights and four on uprights between 96" and 144" and five for taller uprights.

POSTS: Post shall be constructed of 16 gauge steel, formed into a "U" channel with two 1 9/16" legs and being 3/4" apart. The 1 9/16" legs shall have lances, on 2" centers to accept the shelves; also they will have holes for attaching the sway braces. The 3/4" face has holes; on 6" centers used to attach the rear sway braces.

SHELVES: QS4 Shelves shall be constructed of 24 gauge steel and QS shelves are constructed with 22 gauge steel. Shelves have fully welded "BOX" formation in front and back of the shelf and shall have the formed channels on both ends. All corners shall be fully lapped and welded at two points in each corner. The "BOX" formation shall be welded on a minimum of 3" centers and the entire length of the box. All shelves shall have a profile height of 1 5/16". Shelves attach to lances in uprights and with our clips or hardware.

PERFORATED SHELVES: The perforated shelves are constructed of the same materials as the QS shelves and have the same construction as the standard shelves. The interior of the shelves are perforated with 0.375" diameter holes on 0.3" horizontal offset centers and 0.36" vertical offset centers. The water flow through for the perforated area is 51%. This is only for the perforated area not the total surface. The box form is considered a structural component and does not require perforation.

SWAY BRACES: Sway braces are of 18 gauge steel. They will be riveted together in the center and installed to form an "X" in the rear of the unit.

SPREADER: Spreaders shall be constructed of 18 gauge steel, formed into a "C" channel with a height of 4 1/2" and a depth of 5/8". The 4 1/2" sides will have holes in it for attaching to the post.

MATERIALS: Bulk Storage Units 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.