



**"THE STANDARD OF EXCELLENCE IN THE INDUSTRY"**

### **SERVICE SADDLE (Fabricated Steel w/ Stainless Steel Band) - STYLE – CFS**

Service Saddle shall be made from a top shell section and a back shell section. The back shell section shall be T-304 stainless steel, with a minimum thickness of 14 gauge with bolt bars TIG welded to the shell. Each bolt bar shall be T-304 stainless steel of a minimum thickness 10 gauge. The top shell section (outlet side) shall be ASTM A 285 Grade C or ASTM A 36 steel, with a minimum thickness of 3/16 inch for pipe diameters between 6.00" and 12.50" and a minimum thickness of 3/8 inch thick for pipe diameters over 12.75", and have 3/8" thick mounting ears MIG welded to the shell. The outlet shall be ASTM A 285 Grade C or ASTM A 36 steel and attached to the Top shell with an outside seam MIG weld. The top shell shall have a virgin EPDM, broad throat outlet gasket to assure a positive seal. The Back shell section shall be attached to the Top shell section using Xylan coated 18-8 T-304 stainless steel heavy hex nuts. The washers shall be 18-8 T-304 stainless steel. The bolts shall 18-8 T-304 stainless steel and shall be 5/8-11 thread. All stainless steel weldments shall be passivated in accordance with ASTM A 380 and all carbon steel weldments on the saddle body to be finished with certified ANSI/NSF 61 epoxy coating. The tapping saddle shall be CFS series as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL or approved equal.

### **TAPPING SADDLE w/ THREADED OUTLET (Fabricated Carbon Steel) - STYLE – CFT-TO**

Tapping Saddle shall be made from a top shell section and a back shell section. The back shell section shall be ASTM A 285 Grade C or ASTM A 36 steel, with a minimum thickness of 3/16 inch for pipe diameters between 4.50" and 9.05" and a minimum thickness of 3/8 inch thick for pipe diameters over 9.05", and have lug bars MIG welded to the shell. Each lug bar shall be ASTM A 285 Grade C or ASTM A 36 steel of a minimum thickness of 1/4 inch, and are MIG welded along the top and bottom edges. The top shell section (outlet side) shall be ASTM A 285 Grade C or ASTM A 36 steel, with a minimum thickness of 3/16 inch for pipe diameters between 4.50" and 9.05" and a minimum thickness of 3/8 inch thick for pipe diameters over 9.05", and have lug bars MIG welded to the shell similar to the back shell. The outlet shall be ASTM A 285 Grade C or ASTM A 36 steel and attached to the Top shell with an outside seam MIG weld. The top shell shall have a virgin EPDM, compliant with ASTM D 2000 BA508, broad throat outlet gasket to assure a positive seal. The Back shell section shall be attached to the Top shell section using ASTM A 242 low alloy steel (or optional Xylan coated 18-8 T-304 stainless steel) heavy hex nuts. The washers shall be ASTM A 242 low alloy steel (or optional 18-8 T-304 stainless steel). The bolts shall made of low alloy steel meeting ASTM A 242 and AWWA C 111 ANSI A21.11 (or an optional 18-8 T-304 stainless steel) and shall be 3/4-10 thread, oval-neck track bolts. All metal surfaces on the saddle body to be finished with certified ANSI/NSF 61 epoxy coating. The tapping saddle shall be CFT-TO series as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL or approved equal.

These specifications are accurate at time of publication and are subject to change without prior notice.

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