

Sanitary Valves

F & AF SERIES

FI-Series 9 (1/2" through 6"): Flush tank bottom ball valve: PBM's IGENIX® Sanitary Series 9 Flush Tank Ball Valve. "True Bore®" flush bottom tank ball valve with port through ball, seats, weld pad, and end fitting same as ID of tubing. (Type 316 L stainless steel with less than 2% ferrite., Hastelloy C-276, Carbon Steel, Hastelloy C-22, or other). body, ball, stem, weld pad, and end fitting, three piece swing-out valve design. Seats and seals shall be white TFM®. Seats shall provide both upstream and downstream bubbletight seal and be adjustable for in-line wear. Stem packing shall be live loaded white TFM® and/or S-TEF™ material. End fitting shall match to tubing connections. Orbital weld end fittings should have wall thickness to match connecting tubing and have a controlled sulfur content of .005% through .017%. Valves shall not require disassembly for welding. Body bolts and nuts shall be 18-8 stainless steel. I.D. and O.D. surface finish shall be the same as specified for tubing. Maximum working pressure to be 400 PSIG and full vacuum.

PBM Model number FI(material)-(size)9(end connection)

AF Series 1: Angle stem flush tank bottom ball valve; Body, ball, stem, and end fitting material shall be (316 stainless steel, Hastelloy C-276, Hastelloy C-22, or other). Weld pad shall be 316L grade stainless steel (or other) material (specify). Valve shall be two-piece design. Seats and seals shall be VTFE material and provide both upstream and downstream bubbletight seal and be adjustable for inline wear. Stem packing shall be live loaded VTFE material. For manual valves, handle shall be 300 series stainless steel. Body bolts and nuts shall be 18-8 stainless steel. Maximum working pressure to be 400 psig and full vacuum. Valves shall be non-firesafe design unless otherwise specified. For fire rated valves to API 607 Ed 4, sizes 1" – 6", designate Series 3. To add automation and controls, see last section.

PBM Model number AF(material)-(size)1(end connection)