

Valmatic Sewage Combination Air Valve - c/w Anti-Slam Device

Valve shall be an automatic pilot operated valve, designed to release accumulated air from a piping system while the system is in operation, as well as exhaust large quantities of air during filling and closing.

Single body valves shall provide an extended body with a through flow area equal to the nominal size. Floats shall be unconditionally guaranteed against failure, including pressure surges. The seat shall provide drop tight shut off to the full valve pressure rating.

Single body valves shall have a full port orifice, a double guided plug, and an adjustable threaded orifice button. The plug shall be protected against direct water impact by an internal baffle and an extended float system. The plug shall have a precision orifice drilled through the center stem. The float shall include a sensitivity skirt to minimize spillage.

Valve shall come with anti-slam device to prevent premature closing of the float.

The valve body and cover shall be constructed of ASTM A126 Class B cast iron.

The float, plug, guide shafts, and bushings shall be constructed of Type 304 stainless steel. Non-metallic guides and bushings are not acceptable. Resilient seats shall be Buna-N.

Backwash accessories shall be furnished when specified and shall consist of an inlet shut-off valve, a blow-off valve, a clean water inlet valve, rubber supply hose, and quick disconnect couplings. Accessory valves shall be quarter-turn, full ported bronze ball valves.

The manufacturer shall demonstrate a minimum of (5) years experience in the manufacture of wastewater air valves. The valves shall be manufactured and tested in accordance with AWWA Standard C512. When requested, the manufacturer shall provide test certificates, dimensional drawings, parts list drawings, and operation and maintenance manuals.

The exterior and interior of the valve shall be coated with Epoxy NSF-61.

Wastewater Combination Air Valves shall be Series 803BW-AS-EPIO, manufactured by Valmatic Valve, as supplied by Syntec Process Equipment Ltd.