

2500 Series Valve Bidding Specifications

Valve(s) shall be 2500 Series 1" electric globe models as manufactured under the brand name of Irritrol Systems or approved equal.

Construction: Valve body shall be constructed of corrosion- and UV-resistant PVC material. Valve shall be available in NPT or welded slip configuration. Design of valve shall be high flow, low friction loss and shall include optional flow control for precise flow adjustment and manual shut off. Valve shall have debris-tolerant, floating metering system design to accommodate dirty water conditions. Valve shall have internal and external bleed for manual operation and flushing. Valve shall have a removable tamper-resistant flow control handle. Valve shall have a full stainless steel metering system. Valve shall have a rugged, double-beaded SANTOPRENE® diaphragm. Valve shall have a Buna-N valve seat seal. Valve shall have a positive self aligning bonnet with captured screws. Valve shall have a high-strength, ribbed bonnet. Valve shall be serviceable without needing to be removed from system. Valve shall be powered by a 24 V ac encapsulated solenoid, .4 amp inrush and .2 amp holding.

Operation: Valve shall have a working pressure range from 10 psi (0,7 Bars) minimum to 150 psi (10 Bars) maximum and a recommended flow range from 0.25 to 30 GPM (20 to 114 ^L/M).