

205 Series Valve

Bidding Specifications

Valve(s) shall be 205 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 design to accommodate dirty water conditions. Valve shall have a manual external bleed and removable tamper-resistant flow control handle. Valve shall have a nylon-reinforced Buna-N diaphragm. Valve shall have a Buna-N valve seat seal. 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 5 to 30 GPM (20 to 114 L/M).