

311A Series Valve

Bidding Specifications

Anti-siphon Valve(s) shall be 311A Series 3/4" or 1" models as manufactured under the brand name of Irritrol Systems or approved equal. Valve shall meet IAPMO-UPC listing standards.

Construction: Valve body shall be constructed of PVC material with stainless steel hardware and spring. Valve shall have a gravity-type anti-siphon poppet with a polypropylene float. Valve shall have internal and external bleed for manual operation and flushing. Valve shall have flow control for precise flow adjustment and manual shut-off. Valve shall be electric H-body atmospheric Vacuum breaker. Valve shall have a double-beaded nylon-reinforced Buna-N diaphragm. Valve shall have a Buna-N valve seat seal. Valve shall have a self-cleaning and externally removable metering system. Metering system shall be fully stainless steel. Electric adapter portion of the valve shall be constructed of glass-filled nylon with molded brass inserts in the body for attachment of the bonnet with stainless steel three-way screws. 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 (10,3 Bars) maximum and a recommended flow range from 1 to 30 GPM (3,8 to 378 L/M). Valves shall be mounted above ground at least 6" (16 cm) above highest sprinkler head (or mounted to meet local codes).