

## **SPECIFICATIONS**

### **9000 Series 1" PVC Valves**

The solenoid actuated remote control valve shall be of normally closed design. Inlet and outlet connections shall be 1" female NPSF. Body configuration shall be straight-through globe (angle) style. The valve shall operate at pressures from 10 to 150 PSI with fluid temperatures up to 125°F.

The valve body and bonnet shall be constructed of PVC. The bonnet shall be mounted with six self tapping hex headed screws so that the diaphragm and solenoid can be removed in one assembly. Screws will be constructed of stainless steel.

The fabric-reinforced diaphragm shall be of one piece molded construction. The diaphragm shall remain captured to the bonnet when the bonnet is removed. The fabric-reinforced diaphragm will be the same diaphragm used in the Pro 7900 Series 1" Valves.

A hand-actuated internal bleed shall vent water to downstream piping. A hand-actuated flow control (Models 9011, 9012 and 9015) knob shall reduce water flow from full open to close in less than three complete turns.

The solenoid shall be removable from the body in one assembly that captures the solenoid plunger, spring and bleed ring. The one piece solenoid shall be fully encapsulated and draw 0.50 amps inrush and 0.23 amps holding current. The solenoid plunger and attached spring shall be constructed of stainless steel.

The valve shall have a five year warranty. The valve shall be manufactured by L. R. Nelson Corporation, Peoria, IL.