



K-Rain Solenoid Valve

The Next Generation of Solenoid Valves



7001

A contemporary tilt diaphragm design makes the PROSERIES 100 Valve the perfect choice for residential and commercial applications. This reliable valve offers a straight through flow pattern that dramatically reduces pressure loss and reduces the risk of trapped debris that causes other brands to fail. It has both an internal bleed and external bleed in addition to optional flow control. The inside diameter (ID) is 25mm female BSP thread. The outside diameter (OD) is 32mm slip for added installation flexibility.



FEATURES

- Heavy Duty, Corrosion and UV Resistant PVC- Construction – Increases the life of the valve.
- Combination 25mm and 32mm – Provides the option to increase the pipe size to the valve increasing the flow rate.
- Tilt Diaphragm/Piston Assembly – Allows for a straight flow path of the water increasing the flow rate while reducing the friction loss.
- Debris Tolerant Design – Provides flexibility for use in potable or dirty water applications.
- Manual External Bleed Screw – Provides for manual operation in system start up.
- Manual Internal Bleed Through Solenoid – Provides for manual operation without discharging water outside the valve.
- Flow Control with Removable Handle – Allows for precise flow adjustment and manual shut off and allows you to remove the handle to prevent tampering.
- Captured Plunger – Allows for the solenoid to be removed without losing the internal plunger.
- Self Cleaning Metering Screen – Screen is in the turbulent flow of the water allowing self cleaning action during operation.
- 3 year warranty





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SELF-CLEANING SCREEN

The straight flow path allows debris to move through and the turbulent water flow cleans the diaphragm filter screen. This provides long life in applications using well or lake water.



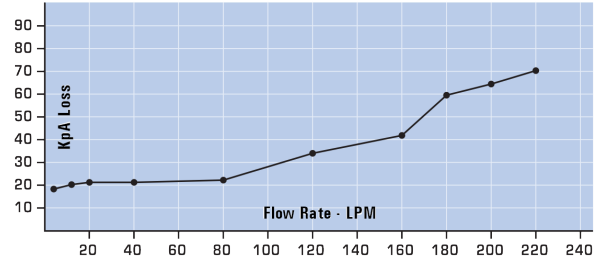
FLOW THROUGH

The unique tilted diaphragm creates a better flow path than traditional globe style electric valves by decreasing friction loss and increasing flow rate.



MANUAL FLOW CONTROL

Precisely adjust flow and shut off manually. Removable handle prevents tapering.



Flow Rate - LPM	4	12	20	40	80	120	160	180	200	220
KpA Loss	18	20	21	21	22	34	42	60	65	71

“Superior Performance”



CAPTURED PLUNGER SOLENOID

K-Rain’s solenoid with captured plunger allows for easy removal when servicing without losing internal parts. Epoxy encapsulated solenoid design ensured longevity unlike the competitions overmolded solenoid.

SPECIFICATIONS

- Pressure rating: 138 - 1034Kpa
- Flow Range: 2.83 - 132 L/M
- Inrush Current: 0.43amp
- Holding Current: 0.25amp
- Pressure loss at: 7.95 L/M is 34.4 Kpa

