

PRO SERIES 100 VALVES



The contemporary tilt diaphragm design of the K-Rain ProSeries 100 makes these valves the perfect choice for residential and commercial applications.

- **Straight flow through design** – for superior debris tolerance, less pressure loss and freedom from maintenance.
- **Self Cleaning Metering Screen** – Screen is in turbulent flow of water for self-cleaning action during operation.
- **Manual External Bleed Screw** – Provides for manual operation in system start up.
- **Manual Internal Bleed Through Solenoid** – Permits manual operation without discharging water outside the valve.
- **Flow Control with Removable Handle** – Delivers precise flow adjustment to the zone and allows you to remove the handle to prevent tampering (Except NFC).
- **Captured Plunger** – Remove the solenoid without losing the internal plunger.



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PROSERIES 100 VALVES

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 1" (7101 models) and 3/4" (7075 models) slip and glue or NPT/BSP.

Specifications

OPERATING SPECIFICATIONS

| ProSeries 100 1" Valve | | | | | |
|---|-----|-----|-----|------|-----|
| Flow Rate - GPM | 5 | 10 | 15 | 20 | 30 |
| PSI Loss | 3.0 | 4.0 | 3.5 | 3.75 | 5.0 |
| Pressure range: 20-150 psi Flow Range: .25 - 35 GMP | | | | | |

| ProSeries 100 3/4" Valve | | | | | |
|---|-----|-----|-----|-----|------|
| Flow Rate - GPM | 5 | 10 | 15 | 20 | 30 |
| PSI Loss | 3.0 | 4.0 | 4.0 | 8.0 | 10.0 |
| Pressure range: 15-150 psi Flow Range: .25 - 35 GMP | | | | | |

ELECTRICAL SPECIFICATIONS

- Solenoid: 24 VAC 60 Cycle
- Inrush Current: .43 Amps
- Holding Current: .25 Amps

DIMENSIONS

- 7001 Models: Height 4" x Width 3" x Length 5-1/4"
- 7075 Models: Height 4" x Width 3" x Length 4-1/2"

Models

| | |
|--------------|--|
| 7001 | 1" Female Thread |
| 7001-SL | 1" Female Slip |
| 7001-BSP | 1" Female BSP Thread |
| 7001-NFC | 1" Female Thread without Flow Control |
| 7001-SL-NFC | 1" Female Slip without Flow Control |
| 7001-BSP-NFC | 1" Female BSP Thread without Flow Control |
| 7001-MXB | 1" Male x Barb |
| 7001-MXB-NFC | 1" Male x Barb without Flow Control |
| 7001-MXM | 1" Male Thread X 1" Male Thread |
| 7001-BSP-MXM | 1" Male BSP Thread X 1" Male Thread |
| 7001-MXM-NFC | 1" Male Thread X 1" Male Thread without Flow Control |
| 7075 | 3/4" Female Thread |
| 7075-SL | 3/4" Slip Fitting |
| 7075-BSP | 3/4" BSP Thread |
| 7075-NFC | 3/4" Female without Flow Control |
| 7075-SL-NFC | 3/4" Slip Fitting without Flow Control |
| 7075-BSP-NFC | 3/4" BSP Thread without Flow Control |

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.



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.



MANUAL FLOW CONTROL

Precisely adjust flow to the zone. Removable handle prevents tampering.



CAPTURED PLUNGER SOLENOID

Allows for easy removal when servicing without losing internal parts. Epoxy encapsulated solenoid design ensures longevity unlike the competition's overmolded solenoid.

