

PROSERIES 150 VALVES



K-Rain's ProSeries 150 Valves are professional-grade valves providing solutions to a full range of residential and commercial irrigation needs.

These hard working, heavy-duty valves offer an excellent value to the irrigation professional, including best-in-class features for ease of installation and ease of maintenance.



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PROSERIES 150 VALVES

K-Rain's ProSeries 150 Valves offer the irrigation professional a wide array of features and benefits.

The 1" valve has a removable metering pin and external bleed screw promoting easy maintenance and manual operation.

The 1" Jar-Top valve provides the professional easy servicing access without removing the valve from the system.

Model 7101 - 1" Valve

- **Heavy Duty, Corrosion and UV Resistant PVC Construction** – Increases the life of the valve.
- **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.
- **Captured Plunger** – Remove the solenoid without losing the internal plunger.
- **External Bleed Screw with Removable Metering Pin** – Allows for easy cleaning of the metering pin without disassembling the valve.

Model 7101-J - 1" Jar-Top Valve

- **Threaded Jar-Top** – Allows for quick removal of the cap for easy servicing after installation.
- **Glass-Filled Nylon Screw Cap** – Provides increased durability.
- **Heavy Duty, Corrosion and UV Resistant PVC Construction** – Increases the life of the valve.
- **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.
- **Captured Plunger** – Remove the solenoid without losing the internal plunger.



Specifications

OPERATING SPECIFICATIONS

- Pressure Rating: 10 - 150 PSI
- Pressure Loss @ 30 GPM - 5 PSI
- Flow Range: .25 - 30 GPM

ProSeries 150 1" Valve					
Flow Rate - GPM	5	10	15	20	30
PSI Loss	2.9	2.1	1.8	3.0	5.0
Pressure range: 10-150 psi					

ProSeries 150 1" Jar-Top Valve					
Flow Rate - GPM	5	10	15	20	30
PSI Loss	3.3	3.9	2.9	3.2	6.1
Pressure range: 10-150 psi					

ELECTRICAL SPECIFICATIONS

- Solenoid: 24 VAC 60 Cycle
- Inrush Current: .4 Amps
- Holding Current: .2 Amps

DIMENSIONS

7101 - 1" VALVE

- Height: 5-1/4", Width: 3-1/8", Length: 5"

7101-J - 1" JAR-TOP VALVE

- Height: 5-1/4", Width: 3", Length: 4-3/8"

Models

7101	1" (2,5 cm) Female Thread, NPT
7101-SL	1" (2,5 cm) Female Slip
7101-BSP	1" (2,5 cm) Female Thread, BSP
7101-BSP-FC	1" (2,5 cm) Female Thread, BSP with Flow Control
7101-FC	1" (2,5 cm) Female Thread, NPT with Flow Control
7101-SL-FC	1" (2,5 cm) Female Slip with Flow Control
7101-J	1" (2,5 cm) Female Thread Jar-Top, NPT
7101-J-SL	1" (2,5 cm) Female Slip Jar-Top
7101-J-BSP	1" (2,5 cm) Female Thread Jar-Top, BSP
7101-J-MXB	1" (2,5 cm) Male Thread x 1" (2,5 cm) Barb, Jar-Top

How to Specify:

Model Number	Size
7101	1" Thread

PROSERIES 150 VALVES

The 1 1/2" and 2" models feature a removable inlet cap to easily modify the configuration from globe to angle style. They also have a removable metering pin and external bleed screw promoting easy maintenance and manual operation.

Model 7115 - 1-1/2" Valve and Model 7102 - 2" Valve

- **Heavy Duty, Corrosion and UV Resistant PVC Construction** – Increases the life of the valve.
- **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.
- **Captured Plunger** – Remove the solenoid without losing the internal plunger.
- **Removable Inlet Cap** – Allows for easy conversion from globe to angle-style valve.
- **Heavy Duty Santoprene® Diaphragm** – Unique design improves durability of diaphragm.
- **External Bleed Screw with Removable Metering Pin** – Allows for easy cleaning of the metering pin without disassembling the valve.



Specifications

OPERATING SPECIFICATIONS

- Pressure Rating: 20 - 150 PSI
- Flow Range: 5 - 120 GPM
- Pressure Loss - Model 7115 - 1-1/2" Valve:
@ 80 GPM 5.5 PSI Globe, 4.4 PSI Angle
- Pressure Loss - Model 7102 - 2" Valve:
@ 120 GPM 6.2 PSI Globe, 4.6 PSI Angle

ProSeries 150 1-1/2" Valve

Flow Rate - GPM	20	30	40	50	60	80
PSI Loss - Globe	3.0	2.6	2.3	2.9	4.1	5.5
PSI Loss - Angle	2.7	2.2	1.9	2.2	3.0	4.4
Pressure range:	10-150 psi					

ProSeries 150 2" Valve

Flow Rate - GPM	20	30	40	50	60	80	100	120
PSI Loss - Globe	2.0	1.9	1.7	1.5	1.6	2.9	4.8	6.2
PSI Loss - Angle	1.9	1.9	1.7	1.5	1.5	2.1	3.2	4.6
Pressure range:	10-150 psi							

ELECTRICAL SPECIFICATIONS

- Solenoid: 24 VAC 60 Cycle
- Inrush Current: .4 Amps
- Holding Current: .2 Amps

DIMENSIONS

7115 - 1-1/2" VALVE

- Height: 8", Width: 4-1/4", Length: 5-1/2"

7102 - 2" VALVE

- Height: 8-7/8", Width: 4-7/8", Length: 6-1/3"

Models

7115	1-1/2" Female Thread, NPT
7115-BSP	1-1/2" Female Thread, BSP
7102	2" Female Thread, NPT
7102-BSP	2" Female Thread, BSP

How to Specify:

Model Number	Size
7102	2" Thread

MANUAL EXTERNAL BLEED SCREW

The 1", 1 1/2" and 2" models feature a removable external bleed screw and metering pin to simplify cleaning and maintenance. With the External Bleed Screw, manual operation during start up is easy.



SYSTEM FLEXIBILITY

The removable inlet cap on the 1" and 2" models allows for easy conversion from a globe-style to an angle-style valve.



NO TOOLS NEEDED

The K-Rain Jar-Top valve allows for quick and easy servicing after installation.

