

PRO SERIES 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.



**IRRIGATION SOLUTIONS
WORLDWIDE™**

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.

MODELS

- 7101** 1" Female Thread, NPT
- 7101-SL** 1" Female Slip
- 7101-BSP** 1" Female Thread, BSP
- 7101-J** 1" Female Thread, NPT, Jar-Top
- 7101-J-SL** 1" Female Slip, Jar-Top
- 7101-J-BSP** 1" Female Thread, BSP, Jar-Top



7101 - 1" VALVE FEATURES & BENEFITS

- ▶ **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** – Provides for manual operation without discharging water outside the valve.
- ▶ **Captured Plunger** – Allows for the solenoid to be removed without losing the internal plunger.
- ▶ **External Bleed Screw with Removable Metering Pin** – Allows for easy cleaning of the metering pin without disassembling the valve.

7101-J - 1" JAR-TOP VALVE FEATURES & BENEFITS

- ▶ **Threaded Jar-Top** – Allows for quick removal of the cap for easy servicing after installation.
- ▶ **Glass-Filled Nylon Screw Cap** – 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** – Provides for manual operation without discharging water outside the valve.
- ▶ **Captured Plunger** – Allows for the solenoid to be removed without losing the internal plunger.

SPECIFICATIONS

Operating Specifications

- ▶ Pressure range: 10-150 psi
- ▶ Flow Range: .25 - 30 GPM

Electrical Specifications

- ▶ Standard solenoid: 24 VAC 60 Cycle
- ▶ Inrush current: .4 amp
- ▶ Holding current: .2 amp

7101 - 1" Valve

- ▶ Dimensions:
HEIGHT: 5 1/4"
WIDTH: 3 1/8"
LENGTH: 5"

7101-J - 1" Jar-Top Valve

- ▶ Dimensions:
HEIGHT: 5 1/4"
WIDTH: 3"
LENGTH: 4 3/8"

HOW TO SPECIFY

7101

1" Thread

Model Number

Size

OPERATING SPECIFICATIONS

ProSeries 150 1" VALVE

FLOW RATE - GPM	5	10	15	20	30
PSI LOSS	2.9	2.1	1.8	3.0	5.0

ProSeries 150 1" VALVE WITH JAR-TOP

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

7115 & 7102 - 1 1/2" & 2" VALVES FEATURES & BENEFITS

- ▶ **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** – Provides for manual operation without discharging water outside the valve.
- ▶ **Captured Plunger** – Allows for the solenoid to be removed 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 range: 20-150 psi
- ▶ Flow Range: 5 - 120 GPM

Electrical Specifications

- ▶ Standard solenoid:
24 VAC 60 Cycle
- ▶ Inrush current: .4 amp
- ▶ Holding current: .2 amp

7115 - 1 1/2" Valve

- ▶ Dimensions:
HEIGHT: 8"
WIDTH: 4 1/4"
LENGTH: 5 1/2"

7102 - 2" Valve

- ▶ Dimensions:
HEIGHT: 8 7/8"
WIDTH: 4 7/8"
LENGTH: 6 1/3"



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.

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

OPERATING SPECIFICATIONS

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		
	ANGLE	2.7	2.2	1.9	2.2	3.0	4.4		
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
	ANGLE	1.9	1.9	1.7	1.5	1.5	2.1	3.2	4.6

PRESSURE RANGE: 10-150 PSI

HOW TO SPECIFY



PRO SERIES 150 VALVES



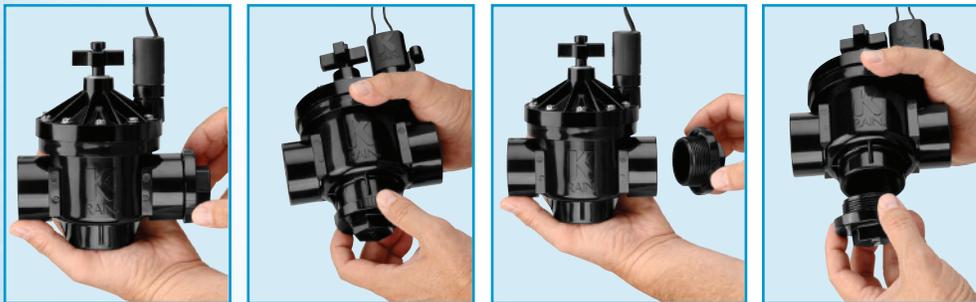
NO TOOLS NEEDED

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



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

Removable inlet cap allows for easy conversion from globe to angle-style valve.



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