

# PROSERIES 150



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

## Features and 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.
- Flow Control Option – Allows for precise flow adjustment.
- External Bleed Screw with Removable Metering Pin – Allows for easy cleaning of the metering pin without disassembling the valve.

## 1-1/2" and 2" Models

- Removable Inlet Cap – Allows for easy conversion from globe to angle-style valve.
- Heavy Duty Santoprene® Diaphragm – Unique design improves durability of diaphragm.

## Jar-Top Models

- Threaded Jar-Top – Allows for quick removal of the cap for easy servicing after installation.
- Glass-Filled Nylon Screw Cap – Increased durability.



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## Specifications

### OPERATING; 1" (2,5 cm) MODELS

- Pressure Rating: 10 – 150 PSI (0,7 – 10,3 bar)
- Flow Range: .5 – 30 GPM (18,9 – 113,6 LPM)

#### 7101 PROSERIES 150 1" (2,5 cm) VALVE

Flow Rate - GPM	5	10	15	20	30
PSI Loss	2.9	2.1	1.8	3.0	5.0

#### 7101-FC PROSERIES 150 1" (2,5 cm) VALVE

Flow Rate - GPM	5	10	15	20	30
PSI Loss	6	4.1	4.1	3.1	6.0

#### PROSERIES 150 1" (2,5 cm) 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 (0,7 a 10,3 bar)

### OPERATING; 1-1/2" & 2" (3,8 & 5 cm) MODELS

- Pressure Rating: 20 – 150 PSI (1,4 – 10,3 bar)
- Flow Range: 20 – 120 GPM (75,7 – 454, 2 LPM)

#### PROSERIES 150 1-1/2" (3,8 cm) 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

#### PROSERIES 150 2" (5 cm) VALVE

Flow Rate - GPM	20	30	40	50	60	80	100	120
PSI Loss - Globe	2.2	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: 20-150 psi (1,4 a 10,3 bar)

### ELECTRICAL SPECIFICATIONS

- Standard Solenoid: 24V AC 60 Hz
- Inrush Current: .43 Amps
- Holding Current: .25 Amps

### DIMENSIONS

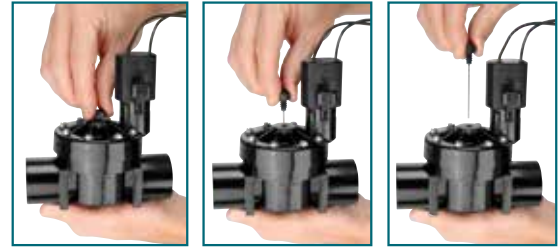
- 1" Models: Height: 5 1/4" (13,3 cm), Width: 3 1/8" (7,95 cm), Length: 5" (12,7 cm)
- 1" Flow Control Models: Height: 5 7/8" (14,9 cm), Width: 3 1/8" (7,95 cm), Length: 5" (12,7 cm)
- 1" Jar-Top Models: Height: 5 1/4" (13,3 cm), Width: 3" (7,6 cm), Length: 4 3/8" (11,1 cm)
- 1-1/2" Models: Height: 8" (20,3 cm), Width: 4-1/4" (10,8 cm), Length: 5-1/2" (14 cm)
- 2" Models: Height: 8-7/8" (22,6 cm), Width: 4-7/8" (12,4 cm), Length: 6-1/3" (16,1 cm)

Other options add to part number:

-9VDC      9 Volt DC Solenoid

## Manual External Bleed Screw

The 1", 1 1/2" and 2" (2,5, 3,8 and 5 cm) 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.



## No Tools Required

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



## System Flexibility

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



## 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
7115	1 1/2" (3,8 cm) Female Thread
7115-BSP	1 1/2" (3,8 cm) Female Thread, BSP
7102	2" (5 cm) Female Thread
7102-BSP	2" (5 cm) Female Thread, BSP