ProSeries 150 Valves

Heavy Duty, Corrosion and UV Resistant PVC Construction.

Features

- 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 – For precise flow adjustment
- Removable Metering Pin – easily clean metering pin without disassembling

1-1/2" AND 2" MODELS

- Removable Inlet Cap – Allows for easy conversion from globe to angle-style valve
- Heavy Duty 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

Fast Facts

7101 (1") Models	Height:	5 1/4" (13,3 cm)
	Width:	3 1/8" (7,95 cm)
	Length:	Length: 5" (12,7 cm)
7101 (1") with Flow Control	Height:	5 7/8" (14,9 cm)
	Width:	3 1/8" (7,95 cm)
	Length:	Length: 5" (12,7 cm)
7101 (1") Jar Top Models	Height:	5 1/4" (13,3 cm)
	Width:	3" (7,6 cm)
	Length:	Length: 4 3/8" (11,1 cm)
7115 (1.5") Models	Height:	8" (20,3 cm)
	Width:	4-1/4" (10,8 cm)
	Length:	5-1/2" (14 cm)
7102 (2") Models	Height:	8-7/8" (22,6 cm)
	Width:	4-7/8" (12,4 cm)
	Length:	6-1/3" (16,1 cm)

Models

7101	1" Female NPT Thread
7101-SL	1" Female Slip
7101-BSP	1" Female BSP Thread
7101-BSP-FC	1" Female BSP Thread, with Flow Control
7101-FC	1" Female NPT Thread, with Flow Control
7101-SL-FC	1" Female Slip with Flow Control
7101-J	1" Female NPT Thread Jar-Top
7101-J-SL	1" Female Slip Jar-Top
7101-J-BSP	1" Female BSP Thread Jar-Top
7101-J-MXB	1" Male NPT Thread x 1" Barb Jar-Top
7115	1 1/2" Female NPT Thread
7115-BSP	1 1/2" Female BSP Thread
7102	2" Female NPT Thread
7102-BSP	2" Female BSPThread

How to Specify 9 Volt solenoid

MODEL	OPTION
7101	-9VDC

Example: 7101-SL-9VDC

Operating Specifications

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

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
Pressure Range: 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 W/ 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 – 10,3 bar)					
Flow Range: 5 – 30 GPM (18,9 – 113,8 LPM)					

7115 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
Pressure Range: 20-150 PSI (1,4 – 10,3 bar)						
Flow Range: 20 – 80 GPM (75,7 – 302,8 LPM)						

7102 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 – 10,3 bar)								
Flow Range: 20 – 120 GPM (75,7 – 454, 2 LPM)								

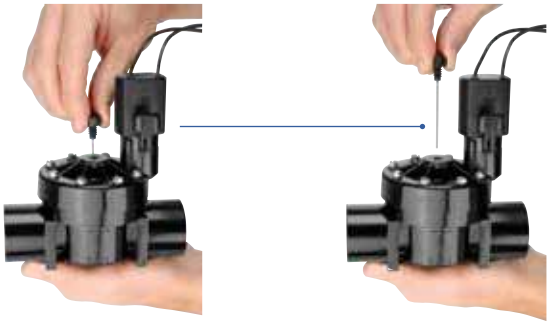
Electrical Specifications

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

Accessories

See page 55

- **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.



- **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.