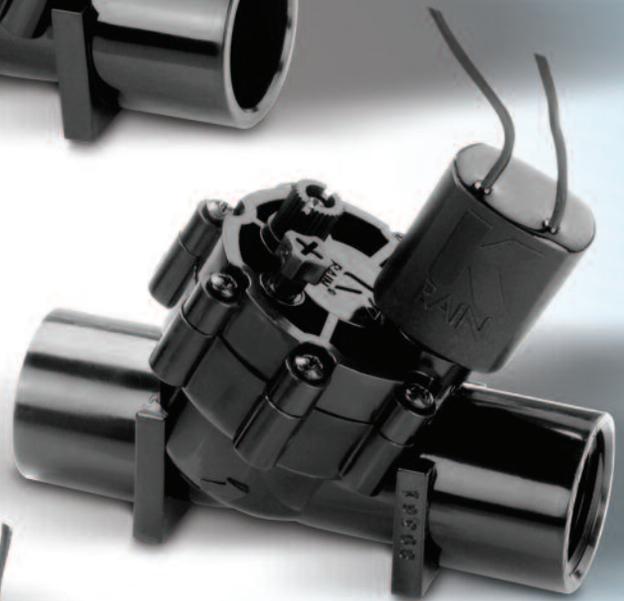


# PROSERIES 100 VALVES



## ◀ MALE THREAD X BARB

K-Rain expands the popular ProSeries 100 Valve line with the Male X Barb 1" Valve.

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

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.



**IRRIGATION SOLUTIONS  
WORLDWIDE™**

## PROSERIES 100 VALVES

A contemporary tilt diaphragm design makes the PROSERIES 100 Valve the perfect choice for residential and commercial applications. 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 inch slip and glue or NPT/BSP. The outside diameter (OD) is 1 1/4 inch slip for added installation flexibility

- ▶ **Heavy Duty, Corrosion and UV Resistant PVC-Construction** – Increases the life of the valve.
- ▶ **Combination 1" and 1 1/4"** – Provides the option to increase the pipe size to the valve increasing the flow rate.
- ▶ **Tilt Diaphragm/Piston Assembly** – Allows for a straight flow path of the water increasing the flow rate while reducing the friction loss.
- ▶ **Debris Tolerant Design** – Provides flexibility for use in potable or dirty water applications.
- ▶ **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.
- ▶ **Flow Control with Removable Handle** – Allows for precise flow adjustment and manual shut off and allows you to remove the handle to prevent tampering (Except 7001-NFC).
- ▶ **Captured Plunger** – Allows for the solenoid to be removed without losing the internal plunger.
- ▶ **Self Cleaning Metering Screen** – Screen is in the turbulent flow of the water allowing self cleaning action during operation.
- ▶ **Five Year Limited Warranty.**

## MODELS

<b>7001</b>	1" Female Thread or 1 1/4" Slip
<b>7001-SL</b>	1" Female Slip or 1 1/4" Slip
<b>7001-BSP</b>	1" Female BSP Thread or 1 1/4" Slip
<b>7001-NFC</b>	1" Female Thread or 1 1/4" Slip without Flow Control
<b>7001-SL-NFC</b>	1" Female Slip or 1 1/4" Male Slip without Flow Control
<b>7001-BSP-NFC</b>	1" Female BSP Thread or 1 1/4" Slip without Flow Control
<b>7001-MXB</b>	1" Male x Barb
<b>7001-MXB-NFC</b>	1" Male x Barb without Flow Control



**K-Rain Manufacturing Corp.**  
1640 Australian Avenue  
Riviera Beach, FL 33404 USA  
+1 561 844-1002  
FAX: +1 561 842-9493

**1.800.735.7246 | www.krain.com**

## SPECIFICATIONS

### Operating Specifications

- ▶ Pressure Rating: 20 - 150 PSI
- ▶ Pressure Loss @ 30 GPM - 5 PSI
- ▶ Flow Range: .75 - 35 GPM

### Electrical Specifications

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

### Dimensions

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



#### 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 and shut off manually. Removable handle prevents tampering.



#### CAPTURED PLUNGER SOLENOID

K-Rain's solenoid with captured plunger allows for easy removal when servicing without losing internal parts. Epoxy encapsulated solenoid design ensures longevity unlike the competition's overmolded solenoid.

## PROSERIES 100 VALVE

### OPERATING SPECIFICATIONS

ProSeries 100 1" Valves					
<b>FLOW RATE - GPM</b>	5	10	15	20	30
<b>PSI LOSS</b>	3.0	4.0	3.5	3.75	5.0
<b>PRESSURE RANGE: 20-150 PSI</b>					

### HOW TO SPECIFY

