

INLINE VALVE

The Virtualrain Inline Valve combines dependability with an affordable price. The Inline Valve offers flow control as a standard feature making it easier to fine-tune the flow and pressure for each zone of an irrigation system. Virtualrain valves are engineered for the toughest jobs. Tested and tried under the harshest conditions, you simply won't find a harder working valve for the price.



Models

- VRV 101 T 1" Inline valve threaded with flow control
- VRV 101 S 1" Inline valve slip with flow control
- VRV 751 T 3/4" Inline valve threaded with flow control
- VRV 751 S 3/4" Inline valve slip with flow control

Dimensions

- Height: 5 1/2" (13,8 cm)
- Width: 4" (10,2 cm)
- Length: 4 1/2" (10,8 cm)
- Female inlet/outlet: 1" NPT or Slip

Operating Specifications

- Flow: 3/4" 5 to 22 GPM
(0,05 to 5,0 m3/h; 0,01 to 1,39 l/s)
- 1" 5 to 40 GPM
(0,05 to 10 m3/h; 0,10 to 2,28 l/s)
- Pressure: 20-150 PSI
(1,4 to 10.3 bars; 138 to 1034 kPa)
- Solenoid: 24vac, .300mA inrush current, .190mA holding current, 60 cycles

Features and Benefits

- High-grade construction made with heavy duty ultraviolet light resistant PVC.
- Internal manual bleed is easy to use and keeps the valve box dry.
- Balanced flow design keeps equal pressure on both sides of the diaphragm.
- Glass filled polypropylene bonnet for extra strength.
- Strong diaphragm exceeds industry standards for strength, flexibility and durability.
- Self-cleaning pilot-flow 90 mesh (200 micron) filter.
- Heavy-duty stainless steel spring and external bonnet hex screws.
- Easy-to-use vandal resistant flow control stem allows for precise adjustment of flow and a manual shut-off

Specification Guide

Example: **VRV - 101 - T**

Model	Features	Options
VRV	101 1" Inline valve with flow control 751 3/4" Inline valve with flow control	T = NPT Female Thread S = Female Slip



Virtualrain

JAR-TOP VALVE

The Virtualrain Jar Top valve allows for easy servicing of the valve without using any tools to gain access to the inner workings of the product. Product maintenance has never been easier without compromising quality or performance. The valve features durable high-grade glass filled polypropylene and PVC and the diaphragm features a rugged double-beaded, leak proof seal with a support ring to prevent stress failure.



Features and Benefits

- Jar-Top Bonnet makes it easy to access the valve; no tools necessary,
- High-grade construction provides for dependable operation and long life.
- Diaphragm support works to prevent stress failure in tough conditions.
- Internal manual bleed easy to use and keeps the valve box dry

Models

VRJ 100 T	1" Jar-Top valve with NPT threaded inlets and outlets without flow control
VRJ 100 MM	1" Jar-Top valve with 1" male thread x 1" male thread without flow control

Dimensions

Height:	5"(13cm)
Width:	3"(7,6cm)
Length:	4"(10,2cm)
Female inlet/outlet:	1" NPT or Male x Male

Operating Specifications

Flow:	5 to 40 GPM (0,05 to 10 m3/h; 0,10 to 2,28 l/s)
Pressure:	20 to 150 PSI (1,4 to 10.3 bars; 138 to 1034 kPa)
Solenoid:	24vac, .300mA inrush current, . 190mA holding current, 60 cycles

Specification Guide

Example: **VRJ - 100 - T**

Model	Features	Options
VRJ	100 1" Jar-Top valve without flow control	T = NPT Female Thread MM = 1" Male Thread x 1" Male Thread