



DV-SERIES: 075-DV/100-DV/ 100-DVF and 100-DV-MM Plastic Electric Valves

APPLICATIONS

These valves are designed for residential and light commercial turf applications.

FEATURES

- Globe (DV, DVF and DV-MM models) configurations
- **Heavy-duty PVC construction**
- **Double-filtered pilot flow: diaphragm with self-cleaning filter in addition to solenoid filter**
- Manual ON/OFF control with 1/4-turn of solenoid. **Spray-free internal bleed**
- **One-piece solenoid with captured plunger**
- Encapsulated solenoid
- External bleed screw
- Stainless steel phillips head screws
- Flow control mechanism on 100-DVF model
- Available in male x male configuration: 1" BSP 100-DV-MM, 1" BSP 100-DV-MM LESS
- Also available in 9V solenoid configuration: 3/4" 075-DV-9V, 1" BSP 100-DV-9V, 1" BSP 100-DV-MM-9V

SPECIFICATIONS

Flow:

075-DV: 0.05 to 5 m³/h

Note: For flows below 0.75 m³/h or any low volume irrigation application, use RBY-075-200X filter installed upstream

100-DV, 100-DVF and 100-DV-MM: 0.75 to 9.08 m³/h

Note : DV male x male not recommended for flows exceeding 6,8 m³/h

Pressure: 1 to 10.4 bar (23° C)

Temperature: up to 43°C

ELECTRICAL SPECIFICATIONS

Solenoid: 24 VAC - 50 Hz

Inrush current: 0.30 A (7.2 VA)

Holding current: 0.19 A (4.6 VA)

DIMENSIONS

075-DV and 100-DV

Height: 11.4 cm

Length: 11.1 cm

Width: 8.4 cm

100-DVF

Height: 14.2 cm

Length: 11.1 cm

Width: 8.4 cm

100-DV-MM

Height: 11.4 cm

Length: 13.6 cm

Width: 8.4 cm



MODELS

075-DV : 3/4" (20/27) female threaded inlet and outlet

075-DV-9V : 3/4" (20/27) female threaded inlet and outlet, latching solenoid

100-DV : 1" (26/34) BSP female threaded inlet and outlet

100-DV-9V : 1" (26/34) BSP female threaded inlet and outlet, latching solenoid

100-DVF : 1" (26/34) BSP female threaded inlet and outlet with flow control mechanism

100-DV-MM : 1" (26/34) BSP male threaded inlet and outlet

100-DV-MM-9V : 1" (26/34) BSP male threaded inlet and outlet, latching solenoid

ACCESSORIES

MTT-100: Fitting used to build a 1" (26/34) BSP valve manifold (see page 67)

DBY, DBR, DBM: Rain Bird «Quick Connect» wire connectors (see page 67)

RBY-075-200X: Y-filter (see page 108)

PERFORMANCE: Valve pressure loss (bar)

m ³ /h	075-DV	100-DV 100-DVF* 100-DV-MM
0,25	0,18 bar	-
0,75	0,18 bar	0,15 bar
1,00	0,20 bar	0,17 bar
2,00	0,24 bar	0,19 bar
5,00	0,37 bar	0,31 bar
7,50	-	0,48 bar
9,08	-	0,60 bar

Pressure loss values are with flow control fully open.

