

Valves



DFV Series

Direct Flow Valve

When a sturdy, well-engineered valve is what you need, look no further than Irrigation Direct's DFV Series. Easy-to-use (and reach) manual bleed levers and flow control stems make adjusting water flow a piece of cake, while industry standard threaded solenoids allow for many choices in service replacement. Irrigation Direct's reverse flow diaphragm won't clog and operates well at as low as 10 PSI at only 1 GPH, to 150 PSI — perfect for drip irrigation systems all the way up to high volume needs. Overall, you'll find that Irrigation Direct's DFV Series valves are the best made products on the market — the grass really did just get greener.

Features and Benefits:

Non-Rising Flow Control Stem

- Easy to access, non-rising stem
- Clearly marked water volume adjustments
- Flow control can be completely shut off if necessary
- No special tools required

Strong Four-Bolt Cover Design

- Strongest design available on market with stainless steel cover bolts in brass inserts
- Four bolt-design instead of multiple screws
- No need to worry about jar top threads stripping due to sand and dirt

Reverse Flow Diaphragm Design

- Balanced pressure on the diaphragm means it's longer-lasting
- Won't fail in open position
- Self-cleaning dual diaphragm ports won't clog

Proven Cone-Shaped Diaphragm Base Design

- Diaphragm base eliminates water hammer
- Shock cone interrupts water flow more gradually than most diaphragms

High-Quality Industry Standard Solenoid

- Industry-standard 3/4"-20 threaded solenoid allows for many choices in service replacement
- Made with high-quality non-corrosive stainless steel internal components
- Coil is encapsulated in Epoxy for maximum corrosion protection
- Efficiently designed coil allows for low power consumption
- Long 20" 18-gauge wire for easy installation

Simple Manual Bleed Design

- Easy to access manual bleed lever with clearly marked on/off switch
- Internal bleed design means no water in the valve box
- No twisting solenoids or bleed screws required
- No special tools required

Valves

Product Comparison - Valves	Irrigation Direct DFV							
	Rain Bird DV Series	Rain Bird PG-A Series	Irritrol 100 Series	Irritrol 700 Series	Irritrol 905 Series	Hunter PGV Series	Weathermatic 12000 Series	
Reverse flow diaphragm design	X	X						X
Balanced pressure on diaphragm for longer life	X	X						X
In the event of diaphragm damage the valve will fail in the closed position	X	X						X
Doesn't use outdated forward flow, diaphragm design	X	X						X
Self cleaning dual diaphragm ports, means no filters or screens to clean	X							X
Cone shaped diaphragm base eliminates water hammer	X							X
Industry standard 3/4" - 20 thread solenoid proven design, allows many choices for service replacement	X			X	X	X		
Doesn't force you to buy proprietary, more expensive replacement solenoids	X			X	X	X		
Easy-to-use manual bleed lever with on/off marking	X							
No twisting solenoids or bleed screws required to manually bleed valve	X							X
Efficient non-rising flow control stem with +/- making for easy end user use	X							
No tool required to operate flow control	X	X	X	X	X	X		X
Doesn't charge extra for flow control feature	X		X	X	X			
Strong four bolt stainless steel cover design	X							X
Doesn't use screws threaded into plastic which can ultimately strip	X			X	X			X
Has a low case quantity of only 10 valves per case	X							
Includes a free hat in every case of valves	X							

Pricing Comparison - Valves								
3/4" Valve with flow control	\$9.95	\$14.58	n/a	n/a	\$18.33	n/a	n/a	n/a
1" FNPT Valve with flow control	\$9.95	\$15.95	\$26.95	\$44.59	\$44.90	\$13.96	\$14.58	\$15.13
1" Slip x Slip Valve with flow control	\$9.50	\$15.95	n/a	n/a	n/a	\$13.96	\$14.58	\$13.72

Competitor pricing based at 45% off List Price

ID Value Pricing	1 Case (10 units/case)	20 Cases (10 units/case)	80 Cases (10 units/case)
DFV-75 - 3/4" Valve with flow control	\$9.95/unit	\$9.00/unit	\$8.10/unit
DFV-100 - 1" FNPT Valve with flow control	\$9.95/unit	\$9.00/unit	\$8.10/unit
DFV-100SS - 1" Slip x Slip Valve with flow control	\$9.50/unit	\$8.50/unit	\$7.80/unit

For more up to date pricing please visit our website:
www.irrigationdirect.com.



Unique design diaphragm: providing flexibility for all your watering needs. Irrigation Direct's DFV Series valves are a perfect fit for just about any volume irrigation needs. With an efficient reverse flow design that works at only 1GPH and will operate at pressures as low as 10 PSI, DFV valves are excellent for drip irrigation systems. However, it also performs extremely well for high pressure and high flow systems, up to 150 PSI — and any pressure range in between. Irrigation Direct's high-performance valves are the ideal solution for any residential or commercial application.

To order our products, visit our online store at
www.irrigationdirect.com

Contact information:

266 Lindbergh Avenue Livermore, CA 94551
T: 925.449.1300 (Toll Free): 877.436.6922 F: 925.449.1217 (Toll Free): 877.433.2948

DFV Product Specifications:

DFV Models

- DFV-75 3/4" FNPT Direct Flow Valve with Flow Control
- DFV-100 1" FNPT Direct Flow Valve with Flow Control
- DFV-100SS 1" Slip x Slip for PVC Pipe Direct Flow Valve with Flow Control

DFV Operating Range

- Pressure: 10 to 150 PSI
- DFV-075 Flow: 0.2 to 22 GPM
- DFV-100T Flow: 0.2 to 40 GPM
- DFV-100SS Flow: 0.2 to 40 GPM
- Water Temperature: Up to 110F (43 C)
- Ambient Air Temperature: Up to 125 F (52 C)

DFV Electrical

Specifications

- 24 VAC 50/60 cycle solenoid power requirement
- Inrush Current: 0.35 Amp (8.4 VA)
- Holding Current: 0.23 Amp (5.5 VA)
- Solenoid Coil Resistance: 24 Ohms

DFV Dimensions

- Height: 4 3/8" (11.1 cm)
- Length: 5" (12.7 cm)
- Width: 3 1/16" (8.1 cm)

