

Technical Data

Rain Bird > Electrovalves

> LFV Series



DESCRIPTION

Application

- PVC electrovalve

Features

- ½" diameter seat allows diaphragm to lift higher and pass larger particles at low flows
- Patent-pending double knife diaphragm design eliminates need for filtration at low flow rates
- Low flow valve allows the filter to be safely placed downstream of the valve
- Double-filtered pilot-flow design for maximum reliability
- Balanced-pressure diaphragm for long life
- External bleed to manually flush system of dirt and debris during installation and system start up
- Internal bleed for spray-free manual operation
- Energy efficient, low-power encapsulated solenoid with captured plunger and 90-mesh (200 micron) solenoid filter
- Buna-N diaphragm with self-cleaning 90-mesh (200 micron) pilot water filter and captive spring
- Operates in low-flow and Xerigation® applications
- 1¼ (3,2 cm) stainless steel phillips head screws
- Accepts latching solenoid for use with Rain Bird battery-operated controllers
- Available as: ¾" (20/27) and 1" (26/34) FPT 1" (26/34) BSP inline configuration

Specifics

- Pressure: 1,0 ÷ 10,4 bar
- Flow: 0,05 ÷ 1,82 m³/h
- Water Temperature: Up to 43° C
- Ambient air temperature up to 52° C
- 24 V AC 50/60 Hz (cycles per second) solenoid power requirement:
- 0,30 A (7,2 VA) inrush current
- 0,19 A (4,56 VA) holding current
- Solenoid coil resistance: 38 Ohms

Dimensions

- Height: 4½ (11,4 cm)
- Length: 4¾ (11,1 cm)
- Width: 3½ (8,4 cm)

PRESSURE DROP OF THE LFV VALVE

Flow rate l/h	Ø ¾" bar
45	0,21
227	0,22
454	0,23
900	0,25
1.368	0,28
1.817	0,47

LFV 24 V AC SERIES

Code	Mod.	Coup.	Ø	PN	Q _{max} m³/h	Box
OVA058	X12100	F/F	¾"	10	1,8	20



LFV 9 V DC SERIES

Code	Mod.	Coup.	Ø	PN	Q _{max} m³/h	Box
OVA059	X12105	F/F	1"	10	1,8	20

