

SPVLF

Low Flow, High Performance

No Minimum Flow Requirement
Reliable Operation Regardless of Flow Rate

Constructed of glass-filled nylon with heavy-duty brass
and stainless steel internal parts

Available in 1", 1 1/2", and 2"



Features

- No minimum flow requirement
- Opens and closes regardless of system flow rate
- Reliable low flow operation - as low as 0.01 GPH
- Normally closed design
- Designed for use as a master valve or zone valve
- Patented, internal 3-way solenoid
- No external tubing
- Dual chamber design provides no minimum flow capability
- Non-continuous flow through the solenoid extends performance of filter
- EPDM rubber diaphragm for long term performance
- Coil can be rotated 360° and removed without removing solenoid operator
- 5 Year Warranty

Operating Ranges:

Flow: 0 to 200 GPM
Pressure: 20 to 200 PSI

Standard Solenoid Technology:

24 VAC (Part #16316-1)

Compatible Solenoid Options:

110 VAC (Part #16316-2)
220 VAC (Part #16316-3)



SUPERIOR

SPVLF

Low Flow Commercial Plastic Valve with No Minimum Flow Requirement

Features and Benefits

- Available in 1", 1 1/2", and 2"
- No minimum flow requirement
 - Opens and closes regardless of system flow rate
 - Reliable low flow operation - as low as 0.01 GPH
- Normally closed design
- Patented, internal 3-way solenoid; no external tubing
- Dual chamber design provides no minimum flow capability
- Non-continuous flow through the solenoid extends performance of filter assembly
- Durable glass-filled nylon body construction
- EPDM rubber diaphragm for long term performance
- Coil can be rotated 360° and removed without removing solenoid operator
- 5 Year Warranty

Operating Ranges

Flow: 0 to 200 GPM
 Pressure: 20 to 200 PSI
 Temperature: up to 150° F

Solenoid Specifications

Standard 24 VAC

In-rush current: 0.45 A (10.8 VA)
 Holding current: 0.30 A (7.2 VA)

Optional 110 VAC

In-rush current: 95 mA (10.5 VA)
 Holding current: 65 mA (7.2 VA)

Optional 220 VAC

In-rush current: 48 mA (10.5 VA)
 Holding current: 33 mA (7.2 VA)



Model Description

Model No.	Description	Height	Length
SPVLF100	1" In-Line Plastic Valve	6"	4 1/2"
SPVLF150	1 1/2" In-Line Plastic Valve	8 1/4"	6 1/2"
SPVLF200	2" In-Line Plastic Valve	8 1/2"	7"

*Optional Cross Handle
 Available with purple cross handle for reclaimed water identification. Add RW to model number



Pressure Loss in PSI

GPM	SPVLF100	SPVLF150	SPVLF200
0	0	0	0
0.5	0.01	0	0
1	0.02	0	0
1.5	0.03	0	0
2.5	0.06	0	0
5	0.20	0.022	0
10	0.80	0.098	0
15	1.50	0.23	0.03
20	2.60	0.416	0.08
30	5.70	0.954	0.24
40	10.00	1.712	0.48
50		2.690	0.81
60		3.888	1.21
70		5.306	1.69
80		6.944	2.10
90		8.802	2.60
100		10.880	3.20
120			4.60
140			6.30
160			8.00
200			13.90

Indicates acceptable usage area

