



FLV Series Duplex PVC & CPVC Bag Filters

DOUBLE LENGTH 32"

2" TO 4" PIPE SIZES

KEY FEATURES

- Available in PVC or CPVC Materials
- True Union End Connections - Socket, Threaded or Flanged
- Hand Removable, Ergonomic Cover with Liquid Displacing Dome
- Vent Valve Included on Cover
- Rated up to 100 GPM Flow Rates
- In-Line or Loop Flow Configurations
- Solid 1-Piece Basket
- Drain Ports at Bottom
- Mounted on FPR Skid

OPTIONS

- In-Line Flow Configuration
- Pressure Gauge with Gauge Guard
- Pressure Differential Gauge and Switch
- EPDM Seals
- DIN / EN Connections

MATERIALS

- PVC Cell Class 12454 per ASTM D1784
- CPVC Cell Class 23447 per ASTM D1784
- FPM and EPDM O-Ring Seals

TECHNICAL INFORMATION

SELECTION CHART

SIZE	MATERIAL	PIPING CONNECTION	PIPING SIZES	SEALS	FLOW RATE	PRESSURE RATING
Double Length 7" x 32" Bag Size	PVC or CPVC	Socket, Threaded or Flanged	2" - 4" (DN50 - DN100)	FPM or EPDM	100 GPM	150 PSI @ 70°F 10 Bar @ 21°C Non-Shock

* PVC and CPVC socket ends available to ISO 727-1 and threaded ends to BS21. Flanged ends available in DIN/EN PN10.

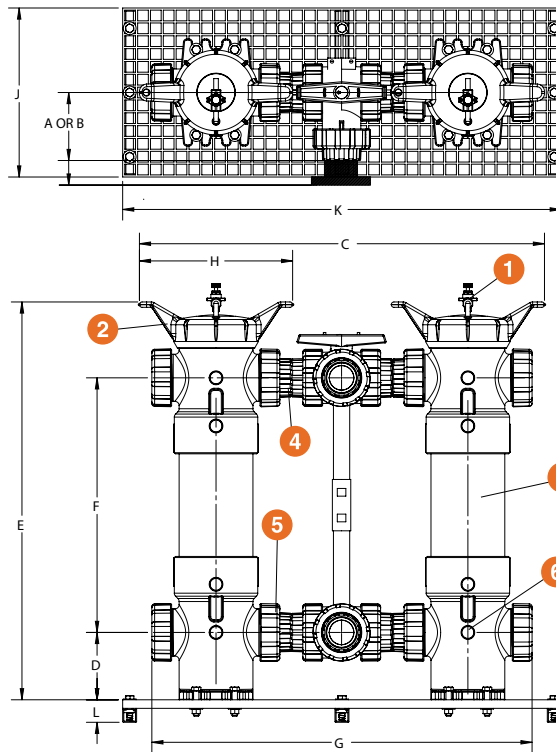
FLV Series Duplex PVC & CPVC Bag Filters

DOUBLE LENGTH 32" 2" TO 4" PIPE SIZES

TECHNICAL INFORMATION, CONTINUED

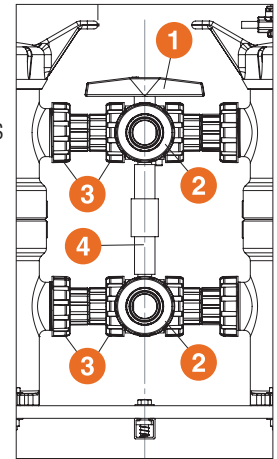
PARTS LIST

1. Vent Valve (Included)
2. Cover
3. Filter Vessel Body
4. End Connector
5. Assembly Nut
6. Drain Port & Plug with O-Ring
7. Mounting Skid - FPR



PIPING PARTS LIST

1. Handle
2. Hayward LA Series Three-Way Lateral Valve
3. Spool Assembly (Each Side)
4. Stem Extension Pipe



Hayward recommends that you monitor your pressure differential with a differential gauge or pressure gauges

DIMENSIONS – INCHES / MILLIMETERS

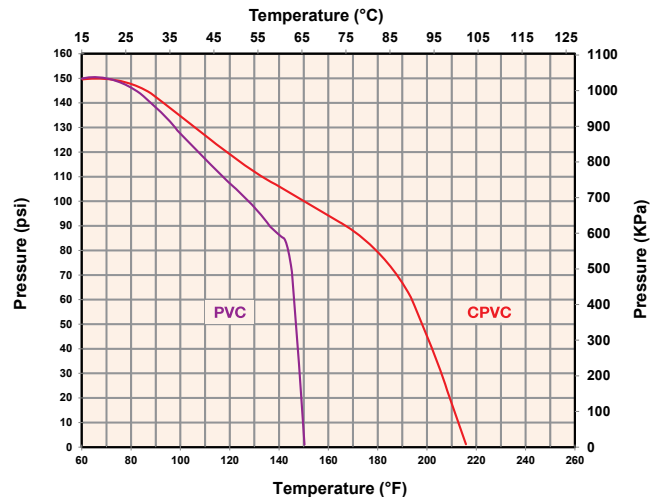
FILTER SIZE in / DN	A in / mm	B in / mm	C in / mm	D in / mm	E in / mm	F in / mm	G in / mm	H in / mm	J in / mm	K in / mm	L in / mm
2" / 50	6.00 / 152	7.77 / 197	43.24 / 1098	7.87 / 200	46.50 / 1181	29.75 / 756	39.08 / 993	17.91 / 455	16.75 / 426	48.0 / 1291	2.63 / 67
3" / 80	7.60 / 193	9.85 / 205	47.43 / 1204	7.87 / 200	46.50 / 1181	29.75 / 756	44.52 / 1131	17.91 / 455	19.75 / 502	51.28 / 1302	2.63 / 67
4" / 100	9.33 / 237	12.22 / 310	50.45 / 1281	7.87 / 200	46.50 / 1181	29.75 / 756	47.55 / 1208	17.91 / 455	22.75 / 578	54.25 / 1378	2.63 / 67

Dimensions are subject to change without notice – consult factory for installation information.

SPECIFICATIONS

- Material of Construction:** PVC or CPVC
- Inlet Connections:** PVC (Socket, Threaded and Flanged)
CPVC (Socket, Threaded and Flanged)
- Outlet Connections:** PVC (Socket, Threaded and Flanged)
CPVC (Socket, Threaded and Flanged)
- Bag Size:** Bag Size #2: 7" x 32"
- Pressure Rating:** 150 PSI at 70°F Non-Shock
- O-Ring Seals:** FPM or EPDM
- Flow Rate:** 100 GPM (May be Limited by Pipe Size or Bag Choice)
- Weight:** 200 lbs.

OPERATING TEMPERATURE/PRESSURE



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