

Hayward FLV Series Simplex Bag Filters

DOUBLE LENGTH – 32" GFPP

1-1/4" TO 2" PIPE SIZES



Note: May not be exactly as shown

KEY FEATURES

- Platinum Glass Filled Polypropylene
- One-Piece Injection Molded Construction
- Hand Removable, Ergonomic Cover with Liquid Displacing Dome
- Vent Valve Included on Cover
- Rated up to 100 GPM (1 1/4" - 2" Pipe Size)
- Rated up to 150 GPM (2 1/2" - 4" Pipe Size *GFPP ONLY)
- True Union Socket, Threaded or Flanged End Connections
- In-Line or Loop Flow Configurations
- Solid Basket
- Drain Port at Bottom
- Integral Mounting Base

BENEFITS

- Easier Installations Due to True Union Connectivity
- Vertical Flow Flutes in Basket, No Bag Snag and More Flow Area

TYPICAL APPLICATIONS

- Water and Wastewater Treatment
- Desalinization, RO and Deionized Water Systems
- Chemical Processing
- Food and Beverage
- Aquatic and Animal Life Support Systems
- Metal Finishing and Plating
- Marine and Corrosive Environments

OPTIONS

- Single length 16" (1 1/4"-2" Pipe Size)
- Gauge with Gauge Guard
- Pressure Differential Gauge and Switch
- EPDM O-Ring Seals
- Cartridge Adapters
- Hinged Basket
- 316 Stainless Steel Basket

MATERIALS

- GFPP per ASTM D4101, Cell Class 85580
- FPM Standard O-Ring Seals
- PVC/CPVC

Technical Information

Size/Body Material	End Connections	Piping Sizes	O-Ring Seals	Pressure Rating (Bar)
Double Length 7"x32" GFPP	GFPP (Threaded and Flanged) PVC (Socket) CPVC (Socket)	1-1/4" - 2" rated @ 100GPM* 2-1/2" - 4" rated @ 150GPM (GFPP Only)	FPM or EPDM	150 PSI @ 70 F Non-Shock (10 Bar / 1 MPa @ 21 C)

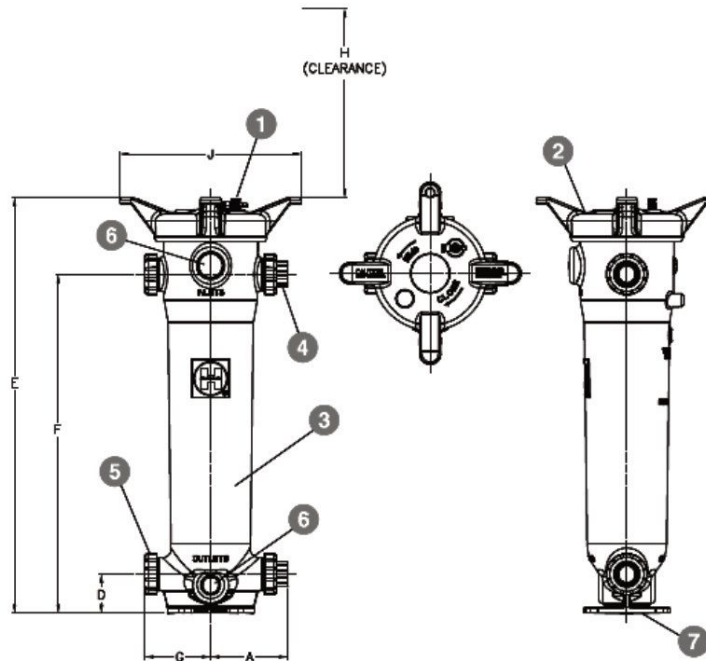
*May be Limited by Pipe Size or Bag Choice

Bag Filters

PARTS LIST*

1. Vent Valve (Included)
2. Cover
3. Filter Body
4. End Connector
5. Assembly Nut
6. Alternate 2" NPT Ports
7. Integrally Molded Mounting Pad

* See page 8 for a complete Parts List



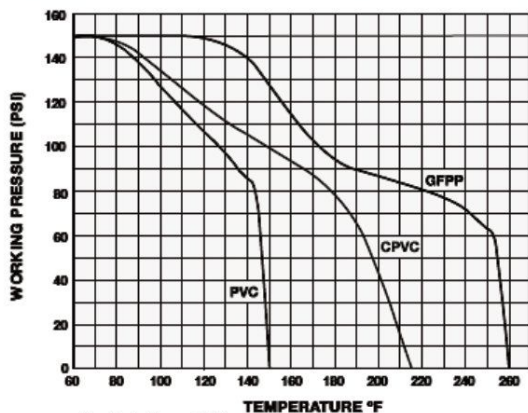
DIMENSIONS

FILTER SIZE	A	D	E	F	G	H	J
IN/DIN	IN/MM	IN/MM	IN/MM	IN/MM	IN/MM	IN/MM	IN/MM
1-1/4/32	8.86/225	4.50/114	47.83/1215	39.00/193	7.80/193	31.25/794	20.93/532
1-1/2/40	8.86/225	4.50/114	47.83/1215	39.00/193	7.80/193	31.25/794	20.93/532
2/50	8.91/226	4.50/114	47.83/1215	39.00/193	7.80/193	31.25/794	20.93/532
2-1/2/55	8.79/249	4.50/114	47.83/1215	39.00/193	8.38/213	31.25/794	20.93/532
3/80	9.73/247	4.50/114	47.83/1215	39.00/193	8.38/213	31.25/794	20.93/532
4/100	10.1/258	4.50/114	47.83/1215	39.00/193	8.38/213	31.25/794	20.93/532

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

[†] Clearance from top for basket removal

OPERATING TEMPERATURE / PRESSURE



1 1/4" - 2"

Flow Rate: 100 GPM (May be Limited by Pipe Size or Bag Choice)

Weight: 64.1 lbs.

SPECIFICATIONS

Material of Construction: GFPP

Inlet Connections: GFPP (Threaded and Flanged)
PVC (Socket)
CPVC (Socket)

Outlet Connections: GFPP (Threaded and Flanged)
PVC (Socket)
CPVC (Socket)

Bag Size: Bag Size #2: 7" x 32"

Pressure Rating: 150 PSI @ 70°F Non-Shock

O-Ring Seals: FPM or EPDM

Bag Ratings: 1, 5, 10, 25, 50, 100, 150, 200, 400, 600 and 800 Microns

2 1/2" - 4"

Flow Rate: 150 GPM (May be Limited by Pipe Size or Bag Choice)

Weight: 69.1 lbs.

FLV Series PVC & CPVC Bag Filters

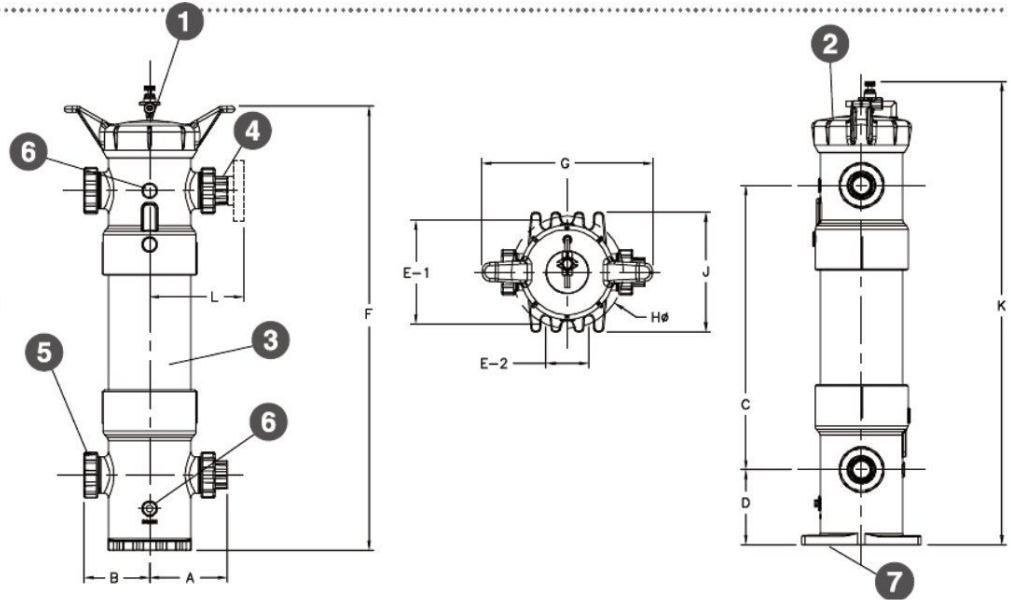
DOUBLE LENGTH – 32"

1-1/4" TO 4" PIPE SIZES

TECHNICAL INFORMATION

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. Integrally Molded Mounting Pad

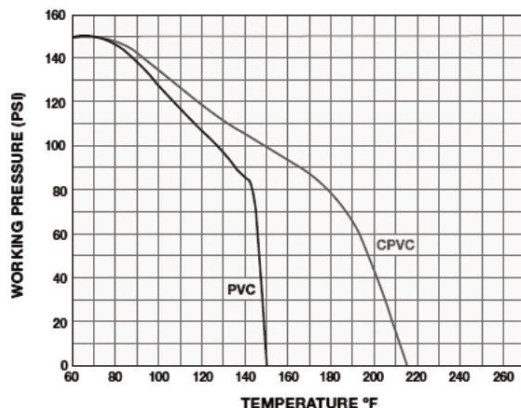


DIMENSIONS

FILTER SIZE	A	B	C	D	E1	E2	F	G	H * B/C	J	K	L
IN/DIN	IN/MM											
1-1/4/32	8.16/ 207	6.88/ 175	29.75/ 756	7.87/ 200	10.86/ 276	4.50/ 114	46.50/ 1181	17.90/ 455	11.75/ 298	12.50/ 318	48.0/ 1219	9.58/ 243
1-1/2/40	8.07/ 205	6.88/ 175	29.75/ 756	7.87/ 200	10.86/ 276	4.50/ 114	46.50/ 1181	17.90/ 455	11.75/ 298	12.50/ 318	48.0/ 1219	9.66/ 245
2/50	8.16/ 207	6.88/ 175	29.75/ 756	7.87/ 200	10.86/ 276	4.50/ 114	46.50/ 1181	17.90/ 455	11.75/ 298	12.50/ 318	48.0/ 1219	9.90/ 251
2-1/2/55	8.92/ 227	7.50/ 191	29.75/ 756	7.87/ 200	10.86/ 276	4.50/ 114	46.50/ 1181	17.90/ 455	11.75/ 298	12.50/ 318	48.0/ 1219	10.96/ 278
3/80	8.83/ 224	7.50/ 191	29.75/ 756	7.87/ 200	10.86/ 276	4.50/ 114	46.50/ 1181	17.90/ 455	11.75/ 298	12.50/ 318	48.0/ 1219	10.85/ 276
4/100	9.24/ 235	7.50/ 191	29.75/ 756	7.87/ 200	10.86/ 276	4.50/ 114	46.50/ 1181	17.90/ 455	11.75/ 298	12.50/ 318	48.0/ 1219	11.70/ 297

Dimensions are subject to change

OPERATING TEMPERATURE / PRESSURE



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 @ 70°F Non-Shock
- O-Ring Seals: FPM or EPDM
- Bag Ratings: 1, 5, 10, 25, 50, 100, 150, 200, 400, 600 and 800 Microns
- Flow Rate: 100 GPM (May be Limited by Pipe Size or Bag Choice)
- Weight: 71 lbs.

Bag Filters

Hayward FLV Series Duplex Bag Filters

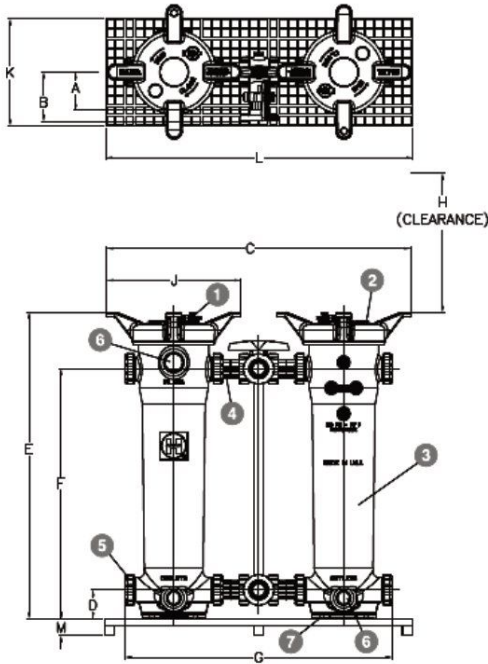
DOUBLE LENGTH – 32" GFPP

2" TO 4" PIPE SIZES

PARTS LIST*

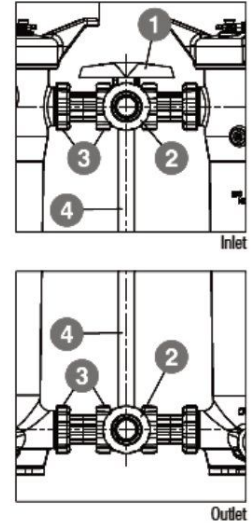
1. Vent Valve (Included)
2. Cover
3. Filter Body
4. End Connector
5. Assembly Nut
6. Alternate 2" NPT Ports
7. Integrally Molded Mounting Pad

* See page 8 for a complete Parts List



PIPING PARTS LIST

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

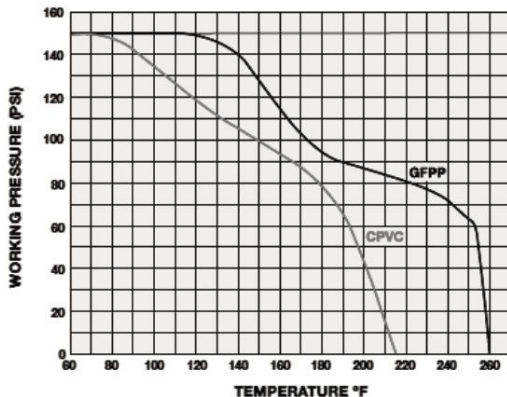


DIMENSIONS

FILTER SIZE	A	B	C	D	E	F	G	H*	J	K	L	M
IN/DIN	IN/MM											
2/50	6.00/ 152	7.77/ 197	47.44/ 1206	4.50/ 1215	47.83/ 1215	39.00/ 991	41.70/ 1059	31.25/ 794	20.93/ 532	16.75/ 425	48.00/ 1219	2.62/ 67
3/80	7.60/ 193	9.95/ 205	55.17/ 1401	4.50/ 1215	47.83/ 1215	39.00/ 991	50.99/ 1295	31.25/ 794	20.93/ 532	16.75/ 425	48.00/ 1219	2.62/ 67
4/100	9.33/ 237	11.76/ 299	55.17/ 1401	4.50/ 1215	47.83/ 1215	39.00/ 991	50.99/ 1295	31.25/ 794	20.93/ 532	16.75/ 425	48.00/ 1219	2.62/ 67

Dimensions are subject to change. *Clearance from top for basket removed

OPERATING TEMPERATURE / PRESSURE



SPECIFICATIONS

- Material of Construction: GFPP
- Inlet Connections: GFPP (Threaded and Flanged)
CPVC (Socket, Threaded or Flanged)
- Outlet Connections: GFPP (Threaded and Flanged)
CPVC (Socket, Threaded or Flanged)
- Bag Size: Bag Size #2: 7" x 32"
- Pressure Rating: 150 PSI @ 70°F Non-Shock
- O-Ring Seals: FPM or EPDM
- Bag Ratings: 1, 5, 10, 25, 50, 100, 150, 200, 400, 600 and 800 Microns
- Maximum Flow Rates: 100 GPM – 2"
(May be Limited by Pipe Size or Bag Choice)
150 GPM – 3" to 4"
(May be Limited by Pipe Size or Bag Choice)
- Mounting Base: Fiberglass
- Hardware: Stainless Steel
- Weight: up to 2" – 132.0 lbs. / 3" to 4" – 145.0 lbs.