



## FLV Series Simplex Bag Filters

DOUBLE LENGTH – 32" GFPP  
2-1/2" TO 4" PIPE SIZES

### 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 150 GPM
- True Union Socket, Threaded or Flanged End Connections
- In-Line or Loop Flow Configurations
- Solid Basket
- Drain Port at Bottom
- Integral Mounting Base
- Easier Installations Due to True Union Connectivity
- Vertical Flow Flutes in Basket, No Bag Snag and More Flow Area

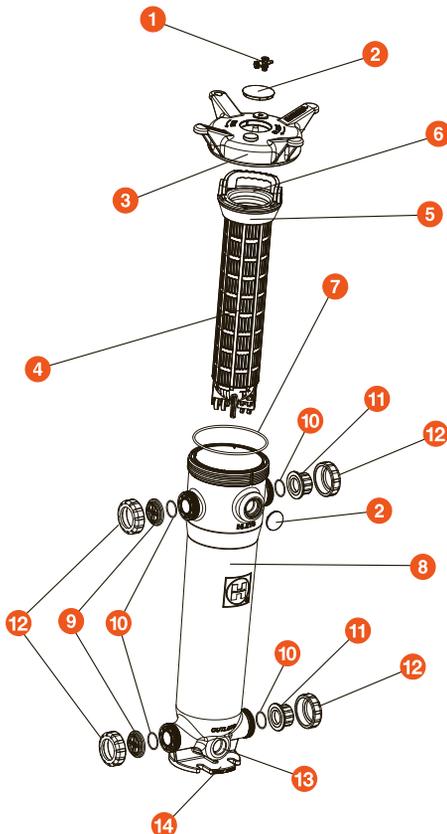
### OPTIONS

- 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

### EXPLODED VIEW



## TECHNICAL INFORMATION

### SELECTION CHART

SIZE / BODY MATERIAL	END CONNECTIONS	PIPING SIZES	O-RING SEALS	PRESSURE RATING
Double Length 7" x 32" GFPP	GFPP (Threaded and Flanged)	2-1/2" – 4"/ 65-100 rated @ 150 GPM*	FPM or EPDM	150 PSI @ 70°F Non-Shock
	PVC (Socket)			
	CPVC (Socket)			

\* May be Limited by Pipe Size or Bag Choice

# FLV Series Simplex Bag Filters

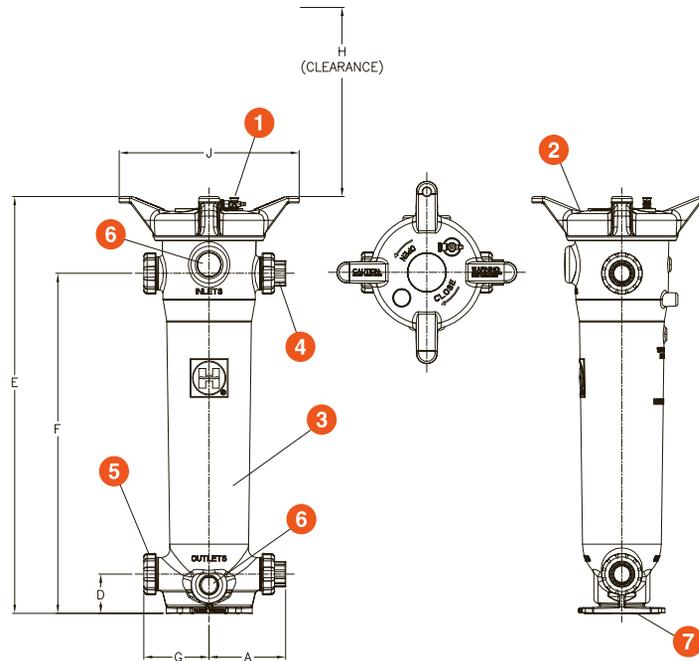
DOUBLE LENGTH – 32" GFPP  
2-1/2" TO 4" PIPE SIZES

## TECHNICAL INFORMATION, CONTINUED

### 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



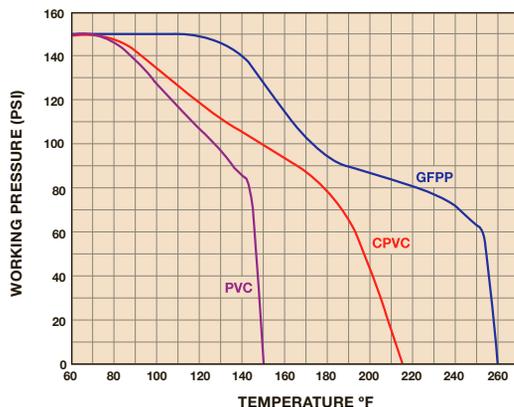
### DIMENSIONS

FILTER SIZE in / DN	A in / mm	D in / mm	E in / mm	F in / mm	G in / mm	H* in / mm	J in / mm
2-1/2" / 65	9.79 / 249	4.50 / 114	47.83 / 1215	39.00 / 991	8.38 / 213	31.25 / 794	20.93 / 532
3" / 80	9.73 / 247	4.50 / 114	47.83 / 1215	39.00 / 991	8.38 / 213	31.25 / 794	20.93 / 532
4" / 100	10.17 / 258	4.50 / 114	47.83 / 1215	39.00 / 991	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 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

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

**Weight:** 69.1 lbs.



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Contact Hayward Flow Control with questions: **USA:** 1-888-429-4635 • Fax: 1-888-778-8410 • One Hayward Industrial Drive • Clemmons, NC 27012 USA  
**Canada:** 1.888.238.7665 • Fax: 1.905.829.3636 • 2880 Plymouth Drive • Oakville, ON L6H 5R4 Canada • Email: hflowcanada@haywardnet.com  
Visit us at: www.haywardflowcontrol.com • E-mail: hflow@haywardnet.com