# **HAYWARD**



# FLV Series Duplex Bag Filters

DOUBLE LENGTH – 32" GFPP 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 100 GPM 2"
- Rated up to 150 GPM 3" to 4"
- 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 Seals
- Cartridge Adapters
- Hinged Basket
- 316 Stainless Steel Basket

## MATERIALS

- CPVC per ASTM D1784, Cell Class 23447
- GFPP per ASTM D4101, Cell Class 85580
- FPM Standard O-Ring Seals

## **TECHNICAL INFORMATION**

## SELECTION CHART

SIZE*	MATERIAL	END CONNECTIONS	PIPING SIZES	SEALS	FLOW RATE	PRESSURE RATING
Double Length 7" x 32"	GFPP	CPVC (Socket, Threaded or Flanged)	2" (DN50) 2-1/2" – 4" (DN80 - DN100)	FPM or EPDM	100 GPM 150 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 PP socket fusion ends per ASTM F2389 and threaded ends per BS21. Flanged ends available in DIN/EN PN10.

"Patented" Pat. No.: 9,630,127

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## 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





# PIPING

#### PARTS LIST 1. Handle

- 2. Hayward<sup>®</sup> LA Series Three-Way Lateral Valve
- 3. Spool Assembly (Each Side)
- 4. Stem Extension Pipe





#### DIMENSIONS

FILTER SIZE	A	В	С	D	E	F	G	H*	J	К	L	М
in / DN	in / mm	in / mm	in / mm	in / mm	in / mm	in / mm	in / mm	in / mm	in / mm	in / mm	in / mm	in / mm
2" / 50	6.00 / 152	7.77 / 197	47.44 / 1205	4.50 / 114	47.83 / 1215	39.00 / 991	41.70 / 1059	31.25 / <b>794</b>	20.93 / 532	16.75 / 425	48.00 / 1219	2.62 / 67
3" / 80	7.60 / 193	9.85 / 205	55.17 / 1 <mark>40</mark> 1	4.50 / 114	47.83 / 1215	39.00 / <mark>99</mark> 1	50.99 / 1295	31.25 / <mark>794</mark>	20.93 / 532	16.75 / 425	48.00 / 1219	2.62 / 67
4" / 100	9.33 / <mark>237</mark>	11.76/299	55.17 / <mark>1401</mark>	4.50 / 114	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 channe without notice – consult factory for installation information * Clearance from too for basket rec						nasket removal						

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



### 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
0-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

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