

MODEL PF 16 - 32, 400 -2000 gpm

Progressive's Multi-Round Series of Liquid Bag Housings range from our 2 basket to our 12 basket housing design depending upon the needed surface area and volume of fluid to be filtered.

Features

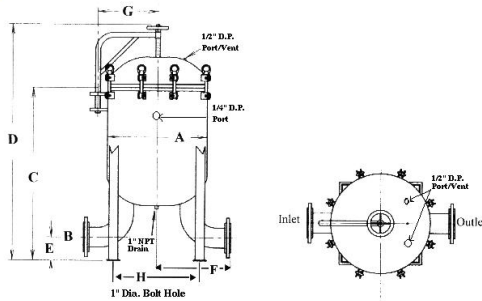
- Carbon, 304, or 316 stainless steel material
- 150 PSI pressure rating
- Low pressure drop
- Davit cover lift closure with swing bolts
- Buna seals - lid & basket
- Differential, drain, and vent ports
 - Heavy-duty support legs
- 316 stainless steel strainer basket
- 2-part epoxy finish on carbon vessels
- Bearing assisted davit assembly



Our multi-round vessels effectively remove dirt, pipe scale, and other contaminants from process liquids such as water, chemical, and petroleum products. Quality construction and design assure protection for all down-stream equipment.

Vessel Construction

Our multi-round vessels are designed for operating up to 150 PSI at 300 degrees Fahrenheit. The housing design provides a large sump area at the bottom of the basket for particulate accumulation. This design utilizes the filter more efficiently and prolongs the element life. The 316 S.S. basket seals onto a viton o-ring to eliminate particulate bypass between the basket and seat. Optional mesh-lined strainer baskets and o-rings are available. Please refer to their individual brochures in our liquid catalog. A vent in the housing lid and a drain port in the housing speed evacuation and filling. Gauge ports are located on the body of the housing to install gauges for monitoring the differential pressure across the bag. Permanently piped housings are opened with simple tools without disturbing the piping. Swing bolts with eye-nuts allow easy opening and closing of the swing-lid. No need to remove any hardware. As a standard finish, all vessels are blast cleaned and painted inside and out with a 2-part epoxy. Stainless steel vessels are supplied with a satin finish.



Dimensions

All dimensions are approximate...

Model Number	Pipe Size							Leg Bolt Centers H	Weight (approx) Pounds
	A	B	C	D	E	F	G		
PF 16	18"	2	40.6	56.1	5.0	10.3	11.9	12.0	410
		3	43.0	59.0	5.8	11.0	11.9	12.0	435
		4	49.0	65.5	6.5	25.5	11.9	12.0	460
PF 18	24"	2	48.3	67.0	5.0	11.5	15.0	16.5	535
		3	49.8	68.5	6.0	12.9	15.0	16.5	555
		4	52.5	70.0	6.5	14.5	15.0	16.5	590
PF 22	24"	3	49.8	68.5	6.0	12.9	15.0	16.5	535
		4	52.5	70.0	6.5	14.5	15.0	16.5	555
		6	50.1	67.6	7.0	16.8	15.0	16.5	590
PF 24	30"	3	51.5	68.9	6.0	15.1	18.0	20.8	665
		4	53.0	70.4	7.0	16.4	18.0	20.8	705
		6	50.5	71.0	8.0	19.1	18.0	20.8	850
PF 30	36"	4	51.8	76.8	6.5	20.5	21.0	24.7	870
		6	52.0	76.5	8.3	22.5	21.0	24.7	1010
		8	54.5	79.0	10.8	23.8	21.0	24.7	1150
PF 32	42"	6	59.2	80.7	8.3	25.1	24.0	29.0	1960
		8	63.5	85.0	9.5	26.1	24.0	29.0	2070
		10	68.0	89.5	11.0	27.2	24.0	29.0	2200

Housing Operation

Unfiltered liquid enters the housing above the filter bags or strainer baskets, flows down into the housing, and continues through the elements. Solids are trapped inside the filter bags or strainers and easily removed when the housing is serviced. Our standard o-ring seal between the baskets and the housing ensures a positive seal to prevent bypass.

Basket Data

Model =	Number of Baskets	Straining filtering area ft.	Standard Pipe size available in	Nominal Flow Rate g.p.m.
PF 16	2	8.8	2,3,4	400
PF 18	3	13.2	2,3,4	600
PF 22	4	17.6	3,4,6	800
PF 24	6	26.4	3,4,6	1200
PF 30	8	35.2	4,6,8	1600
PF 36	12	52.8	6,8,10	2000

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