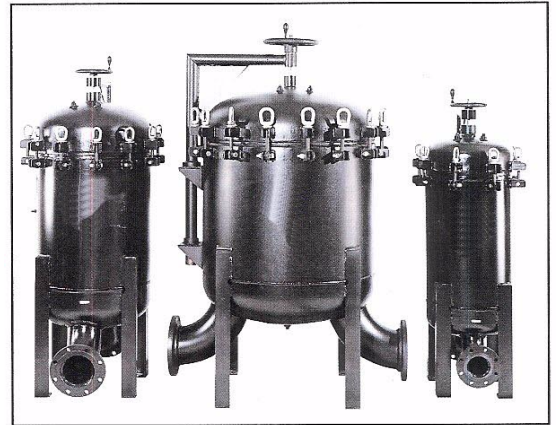


Multi-Round Liquid Bag Housing

Multi-Round Series of Liquid Bag Housings range from our 2 basket to our 17 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



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

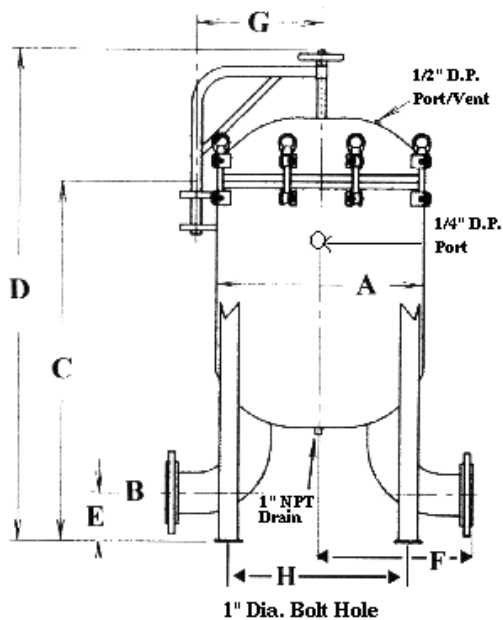
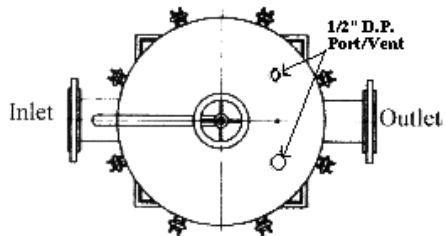
Our multi-round vessels are designed for operating up to 150 PSI at 300 degrees Fahrenheit. The housing design provides a large sump area at the bottom of the basket for particulate accumulation. This design utilizes the filter more efficiently and prolongs the element life.

The **316 S.S. basket** seals onto a Buna 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 lid and 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.

All Dimensions Are Approximate



Model Number	Pipe Size							Leg Bolt Centers	Weight (approx) Pounds
	A	B	C	D	E	F	G		
1818	18"	2	41	56	5	10	12	12	410
		3	43	59	5.8	11	12	12	435
		4	49	66	6.5	26	12	12	460
2224	24"	2	48	67	5	12	15	16.5	535
		3	50	69	6	13	15	16.5	555
		4	53	70	6.5	15	15	16.5	590
2424	24"	3	50	69	6	13	15	16.5	535
		4	53	70	6.5	15	15	16.5	555
		6	50	68	7	17	15	16.5	590
3030	30"	3	52	69	6	15	18	20.8	665
		4	53	70	7	16	18	20.8	705
		6	51	71	8	19	18	20.8	850
3636	36"	4	52	77	6.5	21	21	24.7	870
		6	52	77	8.3	23	21	24.7	1010
		8	55	79	11	24	21	24.7	1150
4242	42"	6	59	81	8.3	25	24	29	1960
		8	64	85	9.5	26	24	29	2070
		10	68	90	11	27	24	29	2200
4848	48"	8	60	85	8.3	29	27	33.2	2200
		10	64	90	9.5	30	27	33.2	2350
		12	69	95	11	32	27	33.2	2530

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.
1818	2	8.8	2,3,4	400
2224	3	13.2	2,3,4	600
2424	4	17.6	3,4,6	800
3030	6	26.4	3,4,6	1200

Model =	Number of Baskets	Straining filtering area ft.	Standard Pipe size available in	Nominal Flow Rate g.p.m.
3636	8	35.2	4,6,8	1600
4242	12	52.8	6,8,10	2000
4848	17	74.8	8,10,12	3500

Building a Part Number

L1818	30	2	F	A	C	15
Housing Model	Basket Size	Conn Size (in)	Conn Type	Outlet	Material	PSI
L1818, L2224, L2424, L3030, L3636, L4242, L4848	30"	refer to the chart above for available pipe size	FLANGE = F	Style A	Carbon=C 304SS=4 316SS=6	150=15