



Multi-Round Bag Housing



NOWATA FILTRATION
MODEL NUMBER: W30NU30C15W4ES

Multi-Round Features

STANDARD DESIGN

- Standard vessels are ASME code design, optional “U” stamp also available.
- Standard - All wetted parts 316 Stainless Steel or Carbon Steel (other materials are available).
- 150 PSI working pressure.
- 316 Stainless Steel perforated strainer basket utilizes a #2 size bag (7" x 30").
- Designed for use with heavy duty, high efficiency bags and standard thickness conventional bags.
- Swing bolt closure with Buna O-ring seal and head lifting davit.
- Heavy duty support legs.
- Custom configurations available upon request.

OPTIONAL FEATURES

- Different connections are available (ie. Flanged, FNPT)
- Other materials of construction such as 304 Stainless.
- Mesh-Lined strainer baskets with a variety of micron sizes.

General Information

The Nowata Filtration Multi-Round Bag Housing effectively removes dirt, pipe scale, and other contaminants from process liquids such as water, chemical and petroleum products. They can be used with the standard #2 Size Bags or the standard 9/64” perforated basket as a strainer, optional mesh-lined baskets with various micron ratings are also available as are flow rates to 4600 GPM. Standard options are Carbon Steel or 316 Stainless Steel wetted construction. Vessels that are 22 inches and under, outside diameter, feature a flat top

style lid. Vessels that are 26 inches O.D. and over, utilize a dome top lid. Nowata Filtration’s quality and commitment to customer service make the Nowata Multi-Round Bag Housing the clear choice.

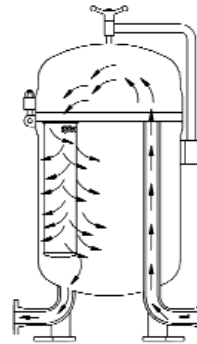
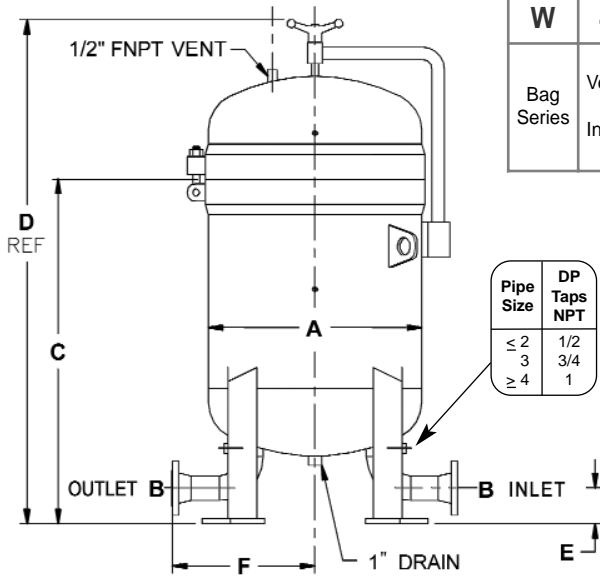


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Standard Construction for Multi-Round Bag Housing

Typical Part Number

W	48	N	U	30	C	15	W	8	N	S
Bag Series	Vessel OD Inches	Inlet Location	Material	Basket Depth	Code	Maximum Pressure	Inlet and Outlet Connection Type	Inlet and Outlet Size	O-Ring	Outlet Style



Shown here is a custom designed housing with non-standard, bottom-in, bottom-out configuration. Unfiltered fluid enters the bottom of the housing and moves up the inlet pipe, into the open area under the dome of the cover. Flow is distributed uniformly through the bags or baskets, from inside to outside. Solids are collected on the inside of the bags or baskets, where they can be removed easily and completely.

Due to our continuing program of product improvement, specifications are for reference only and subject to change without notice.

Dimensional Information

Model Size OD (A)	Pipe Sizes (B)	(C)	(D)	(E)	(F)	Leg Bolts * 7/8" holes (Bolt Center)	Weight (Approx) Lbs.	Number of Baskets	Nominal Flow Rate, gpm	Total Filtration Surface Area
18"	2	40.6	56.1	4.50	11.1	4 PLCS on (18" BC)	410	3	170-650	13.2 Sq.Ft.
	3	43.0	58.5	5.25	13.0		435			
	4	45.3	60.8	6.00	14.6		460			
22"	3	43.9	60.4	5.25	13.8	4 PLCS on (20" BC)	500	4	390-880	17.6 Sq.Ft.
	4	46.2	62.7	6.00	15.4		515			
	6	50.4	66.9	7.00	18.9		560			
26"	3	44.2	61.2	5.25	14.9	8 PCLS on (28" BC)	535	6	390-1320	26.4 Sq.Ft.
	4	46.5	63.5	6.00	16.6		555			
	6	50.6	67.6	7.00	20.1		590			
30"	4	47.6	66.1	6.00	18.7	8 PCLS on (34" BC)	665	8	650-1760	35.2 Sq.Ft.
	6	51.9	70.4	7.00	22.2		705			
	8	56.4	74.9	8.25	25.7		850			
36"	6	53.4	73.4	7.00	24.1	8 PCLS on (40" BC)	870	12	1475-2640	52.8 Sq.Ft.
	8	57.9	77.9	8.25	27.6		1010			
	10	62.4	82.4	9.50	30.6		1150			
42"	8	59.2	80.7	8.25	59.1	8 PCLS on (46" BC)	1960	17	2550-3740	74.8 Sq.Ft.
	10	63.5	85.0	9.50	65.1		2070			
	12	68.0	89.5	11.0	72.2		2200			
48"	8	59.9	85.2	8.25	31.8	8 PCLS on (52" BC)	2200	23	2550-5060	101.2 Sq.Ft.
	10	64.4	89.7	9.50	34.8		2350			
	12	69.2	94.5	11.0	38.3		2530			

* 8 Leg Bolt Places on All Sizes (Except 20" and 22" Which Are 4 Places), 7/8" Holes, 90° at 6" Centers. Dimensions are in inches.

Construction Notes

The standard materials of construction for the Nowata Filtration Multi-Round Bag Housings are Carbon Steel or 316 Stainless Steel. 316 Stainless Steel wetted construction has carbon steel external bolting, legs, davit arm and davit handle. Standard O-Ring material is Buna. DP Taps are located on the

inlet and outlet piping and allow monitoring of bags or baskets during operation. 1/2" FNPT vent and 1" FNPT drain are standard. Other materials of construction, different connections and optional mesh lined baskets are available. Contact the factory or your local Nowata Distributor for more information.