NOWATA FILTRATION

Multi-Round

Bag Housing

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.

NOWATA FILTRATION
MODEL NUMBER: W30NU30C15W4ES

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.

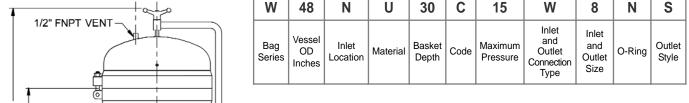


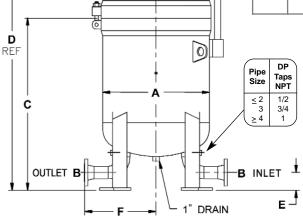
Growing Strong Since 1907
Box 678, Nowata, OK 74048
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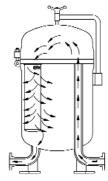
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Standard Construction for Multi-Round Bag Housing

Typical Part Number







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 3 4	40.6 43.0 45.3	56.1 58.5 60.8	4.50 5.25 6.00	11.1 13.0 14.6	4 PLCS on (18" BC)	410 435 460	3	170-650	13.2 Sq.Ft.
22"	3 4 6	43.9 46.2 50.4	60.4 62.7 66.9	5.25 6.00 7.00	13.8 15.4 18.9	4 PLCS on (20" BC)	500 515 560	4	390-880	17.6 Sq.Ft.
26"	3 4 6	44.2 46.5 50.6	61.2 63.5 67.6	5.25 6.00 7.00	14.9 16.6 20.1	8 PCLS on (28" BC)	535 555 590	6	390-1320	26.4 Sq.Ft.
30"	4 6 8	47.6 51.9 56.4	66.1 70.4 74.9	6.00 7.00 8.25	18.7 22.2 25.7	8 PCLS on (34" BC)	665 705 850	8	650-1760	35.2 Sq.Ft.
36"	6 8 10	53.4 57.9 62.4	73.4 77.9 82.4	7.00 8.25 9.50	24.1 27.6 30.6	8 PCLS on (40" BC)	870 1010 1150	12	1475-2640	52.8 Sq.Ft.
42"	8 10 12	59.2 63.5 68.0	80.7 85.0 89.5	8.25 9.50 11.0	59.1 65.1 72.2	8 PCLS on (46" BC)	1960 2070 2200	17	2550-3740	74.8 Sq.Ft.
48"	8 10 12	59.9 64.4 69.2	85.2 89.7 94.5	8.25 9.50 11.0	31.8 34.8 38.3	8 PCLS on (52" BC)	2200 2350 2530	23	2550-5060	101.2 Sq.Ft.

^{* 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.