

WL Series

Low Profile Bag Housing

WL Series Key Features

- The housing's low profile design reduces housing height to make filter bag change-outs easier. Eliminates the need for ladders, stools or catwalks.
- 2 closure styles available: Standard Spring Assisted Cover Lift or Optional Davit Arm style.
- Spring Assisted Cover Lift allows for quick and easy opening and closing of the WL filter housing. This is especially important when opening large diameter housings.
- 4 standard models available to accommodate from 3 to 12 filter bags.
- Rugged eyebolt cover closures allow quick opening of the lid for fast, easy change-out of filter bags.
- Standard vessels are designed and built to ASME code standards and are ASME "U" Code stamped.
- 316 Stainless Steel construction.
- Rated to 150 PSI operating pressure at -20/400°F.
- Housing accommodates standard #2 Bag Size (7" x 30").
- Stainless Steel perforated baskets included with housing.
- Housing design allows the use of standard and high-efficiency bags and a wide variety of o-ring materials.
- Housings are stocked for quick delivery.



**NOWATA WL SERIES
LOW PROFILE
BAG HOUSING WITH
STANDARD SPRING ASSISTED
COVER LIFT CLOSURE**

**INSET: OPTIONAL
DAVIT ARM CLOSURE**

WL Bag Housing Construction Features

The Nowata Filtration WL Series Low Profile Bag Housings effectively remove dirt, pipe scale, and other contaminants from process liquids such as water, chemicals, and petroleum products. The Stainless Steel design is highly suited for corrosive applications. These units can be used with standard #2 size bags or the accompanying standard 9/32 inch perforated basket as a strainer. These high quality industrial and commercial service vessels are designed to withstand years of field and plant operation.

In applications requiring high volume filtration, the WL Series Low Profile Bag Housing will provide rugged and dependable service at a price that makes them the sure choice. The design of the housing allows the use of standard and high-efficiency bags and a wide variety of o-ring materials with no change in design. This means that whether its hydrocarbons, glycol, coolant, inks or water, the WL Series Low Profile Bag Housing from Nowata Filtration will fit the need.

Growing Strong Since 1907
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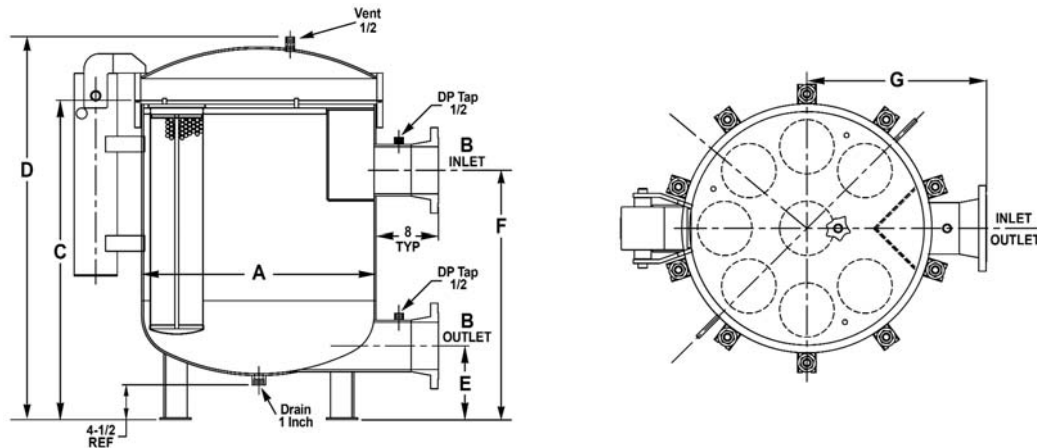


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Typical WL Series Bag Housing Model Number

WL Bag Hsg Series	36 Vessel OD (Inches)	H Closure Style	U Material of Construction	30 Basket Depth	C ASME Code	15 Max. Pressure Rating	W Inlet and Outlet Style	8 Inlet and Outlet Size	N O-Ring Material	S Outlet Location
Nowata Low Profile Bag Hsg Series	18" 24" 30" 36"	D = Davit H = Hinge (Spring Assist Cover Lift)	U = 316 Stainless Steel	30 = 30"	C = ASME Code	15 = 150 PSI	W = RFWN	18" O.D. = 4" 24" O.D. = 6" 30" O.D. = 6" 36" O.D. = 8"	N = Buna V = Viton E = EPDM S = Teflon Encapsulated Silicon T = Teflon Encapsulated Viton	S = Same Side Inlet/Outlet

Standard Construction for the WL Series Bag Housing



Dimensions shown are for vessels with the standard Spring Assist Cover Lift closure and do not apply to vessels with the optional Davit Arm closure. Due to our continuing program of product improvement, specifications are for reference only and subject to change without notice. Dimensions shown in Inches.

MODEL Size OD (A)	Inlet / Outlet Size (inches) (B)	(C)	(D)	(E)	(F)	(G)	Number of Baskets	Total Filtration Surface Area (approx.)
18	4	39	45.5	8.5	31	17	3	13.2 Sq.Ft.
24	6	40.5	48	9.5	31.5	20	6	26.4 Sq.Ft.
30	6	41	49	9.5	32	23	8	35.2 Sq.Ft.
36	8	42.5	52	11	31.25	26	12	52.8 Sq.Ft.

Construction Notes for the WL Series Bag Housing

The standard material of construction for the Nowata Filtration WL Series Bag Housing is 316 Stainless Steel. The lid opening mechanism will be the standard Spring Assisted Cover Lift or the optional Davit Arm closure. The standard drain port for each vessel is 1" FNPT, mounted in the bottom

elliptical head. The Inlet and Outlet both have 1/2" gauge ports/DP Taps for the installation of pressure gauges. The material of construction for the accompanying baskets is 316 Stainless Steel. Customized baskets are available upon customer request.

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