

MAHLE

Industrial Filtration

Bag Filter Housing for Liquids Nowata SNB Series Side Entry Bag Housing

Housings are Non-Code and Accommodate #1 or #2 Size Bags

1. Features

The Nowata SNB Series Side Entry Single Bag Filter Housings are economical and durable for use in applications such as water, chemical, food and general industrial processes.

Standard housing material is 316 Stainless Steel or 304 Stainless Steel. The cover opening direction can be changed to any one of the four Zinc plated steel eye bolts for easy bag change-out. These housings are designed for use with our standard filter bags or the high efficiency filter bags plus a variety of o-ring materials without any alterations. Standard housings are mechanically polished as shown. Electro-Polishing is an optional feature. The design of these units assures that they can be easily incorporated into your system. This means that whether it's paints, chemicals, coolants, inks or water, the Nowata SNB Side Entry Single Bag Filter Housings will fit the need.

Standard Design

- Available in 304 or 316 Stainless Steel for superior corrosion resistance.
- 150 PSI working pressure, Temp. 190°F Max.
- Adjustable leg assembly included.
- Housings will hold standard #1 or #2 bag sizes.
- Investment casted evacuation cover with handle.
- Cover opening direction can be changed in the field.
- Eye bolt closure for easy bag change-out operation.
- Designed for use with heavy duty, high efficiency bags and standard thickness conventional bags.
- Stainless perforated basket with bag hold down device included.
- EPDM O-Rings standard (other materials available).
- Standard 2 or 3 inch Inlet/Outlet available as ANSI Flanged or NPT Threaded.
- Vessels are available as non-code only.
- Electro-Polishing is an optional feature.



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2. Standard Construction

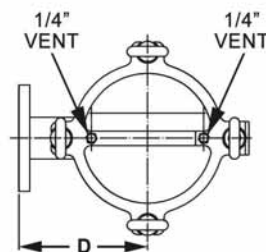
The Nowata SNB Side Entry Single Bag Housing is available in 316 Stainless Steel or 304 Stainless Steel. The cover lid assembly is an investment casting of the same material. Electro-Polishing is an optional feature. Two body sizes are available to accommodate two different bag sizes; #1 bag size (7" x 15") and #2 bag size (7" x 30").

The adjustable leg assembly is 304 Stainless Steel. Standard o-ring material is EPDM. There are two 1/4" NPT Vent/Gauge Ports located on the lid assembly. The material of the Perforated Basket will match the housing material. Inlet and Outlet connections are 2 or 3 inches and available as NPT Threaded or ANSI Flanged.

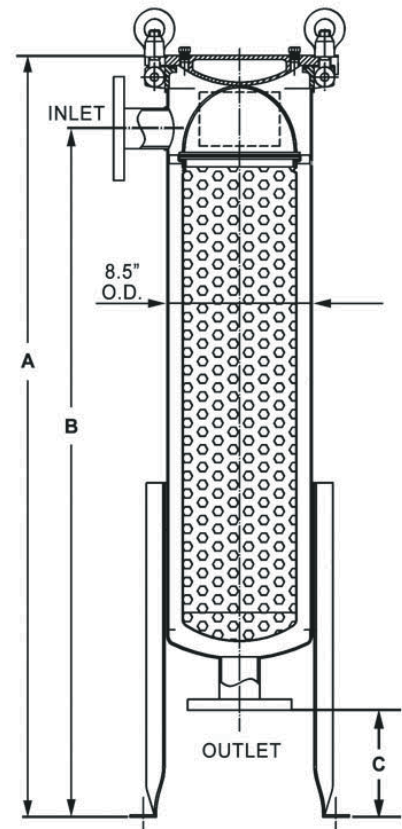
SNB MODEL	LIQUID FLOW RATE (GPM)*	A	B	C	D
#1 Size Bag Housing NPT	90	28.98	24.72	6.30	6.22
#1 Size Bag Housing Flanged	90	30.98	26.77	6.30	7.40
#2 Size Bag Housing NPT, 2" I/O	180	42.72	38.50	6.30	6.22
#2 Size Bag Housing NPT, 3" I/O	180	45.87	41.06	7.87	6.61
#2 Size Bag Housing Flanged, 2" I/O	180	44.76	40.55	6.30	7.40
#2 Size Bag Housing Flanged, 3" I/O	180	47.32	43.11	7.87	7.40

Dimensions shown in inches unless otherwise noted.

* Flow rate is dependent upon bag selection, fluid viscosity and allowable pressure drop. Consult your local authorized Nowata distributor for sizing assistance.



TOP VIEW



SIDE VIEW

Due to our continuing program of product improvement, specifications are for reference only and subject to change without notice. Dimensions are approximate values and not intended for piping specifications.

3. Typical Part Number

SNB	1	A	15	F	2	E	EP
Side Entry Bag Series	Bag Size	Material of Construction	Pressure Rating	Connection Style	Inlet/Outlet Connection	O-Ring Material	Special Features
SNB	1 = #1 Bag 2 = #2 Bag	A = 304 SS S = 316 SS	15 = 150 PSI	F = Flanged N = Threaded	2 = 2 Inch 3 = 3 Inch	E = EPDM Other Materials Available	M = Modify EP = Electro-Polish

MAHLE Industrial Filtration USA, Inc.

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