

MAHLE

Industry

Bag Filter Housings Nowata SNB Series

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

1. Introduction

The 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 SNB series, side entry, single bag filter housings will fit the need.

Features

- 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

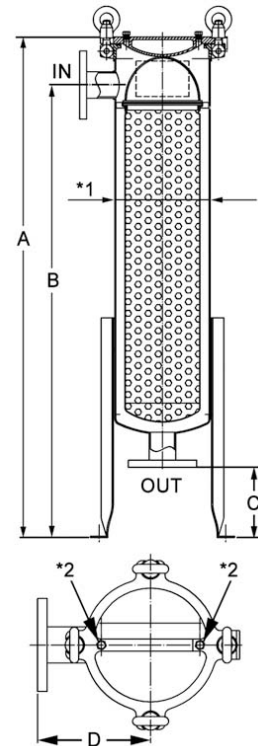


2. Standard Construction

The SNB series, side entry, single bag filter housing is available in 316 stainless steel or 304 stainless steel. The cover lid assembly is an investment casting of the same material. 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. The material of the included perforated basket will match the housing material. Inlet and outlet connections can be 2 or 3 inches and available as NPT threaded or ANSI flanged.

SNB Housing Model	Flow Rate (gpm) *	A	B	C	D
#1 Size Bag NPT	90	28.98	24.72	6.30	6.22
#1 Size Bag Flanged	90	30.98	26.77	6.30	7.40
#2 Size Bag NPT, 2" Inlet/Outlet	180	42.72	38.50	6.30	6.22
#2 Size Bag NPT, 3" Inlet/Outlet	180	45.87	41.06	7.87	6.61
#2 Size Bag Flanged, 2" Inlet/Outlet	180	44.76	40.55	6.30	7.40
#2 Size Bag Flanged, 3" Inlet/Outlet	180	47.32	43.11	7.87	7.40

* Flow rate is dependent upon bag selection, fluid viscosity and the allowable pressure drop (gpm = gallons per minute). Dimensions shown in inches unless otherwise noted.



*1 = Outside Diameter, 8.5 inches
*2 = Closure Vents (2 each) 1/4 inch

Consult your local authorized Nowata distributor for sizing assistance. Dimensions are approximate values and not intended for piping specifications. Due to our continuing program of product improvement, specifications are for reference only and subject to change without notice.

3. Typical Part Number

Type	SNB	1	A	15	F	2	E	EP
SNB series								
Bag Sizes								
1 = #1 Bag (15 inches)		2 = #2 Bag (30 inches)						
Material of Construction								
A = 304 Stainless steel		S = 316 Stainless steel						
Pressure Rating								
15 = 150 psi								
Connection Styles								
F = Flange		N = Threaded						
Inlet/Outlet Size								
2 = 2 inches		3 = 3 inches						
O-Ring Material								
E = EPDM (other materials are available)								
Special Features								
M = Modify		EP = Electro-polish						

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