

MAHLE

Industry

Bag Filter Housings Nowata TNB Series

Non-Code Housings, Accommodate #1 or #2 Size Bags

Request a Quote Today!

1. Introduction

The TNB series, top entry, single bag filter housings are economical and durable filters 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 design of the housings allows the use of standard and high efficiency filter bags plus a variety of o-ring materials without any alterations. Housings are mechanically polished as a standard finish (as shown). The standard design of these units assures that they can be easily incorporated into your system. This means that whether the filter application is paints, chemicals, coolants, inks or water, the TNB series, top 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, maximum temperature up to 190 °F
- Adjustable leg assembly included
- Housings will hold standard #1 or #2 bag sizes
- The cover closes directly onto the filter bag for a perfect seal
- Designed for use with heavy duty, high efficiency bags and standard thickness conventional bags
- Stainless perforated basket included
- EPDM o-rings standard (other materials available)
- Available with 2" flanged or threaded inlet/outlet and 1/4" NPT vents
- Vessels are available as non-code only
- Electro-Polishing is an optional feature



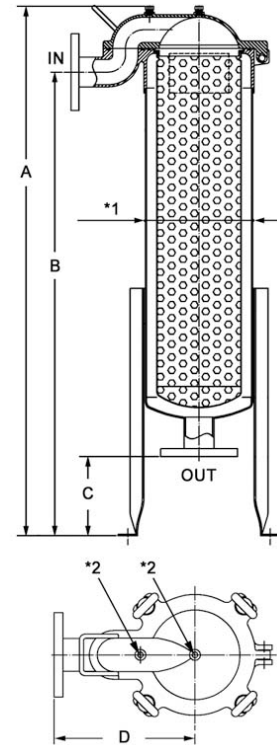
2. Standard Construction

The TNB series, top entry single bag filter housing is available in 316 stainless steel or 304 stainless steel. The housing's lid assembly is an investment casting of the same material. The lid seals directly onto the filter bag so there is no need for a filter bag hold down device. Standard housings are mechanically polished which simulates the appearance of an Electro-Polished finish. Electro-Polishing is an optional feature. Two body sizes are available to accommodate the two different bag sizes; #1 bag size (7" x 15") and #2 bag size (7" x 30"). The adjustable leg assembly is constructed of 304 stainless steel. Standard o-ring material is EPDM in both front and rear seals. There are two 1/4" NPT vent/gauge ports located at the top of the lid assembly. The standard material of construction for the perforated basket will match the housing material. Inlet and outlet connections are 2 inches and available as NPT threaded or ANSI flanged.

Dimensions shown in inches unless otherwise noted.

Model	Liquid Flow Rate (GPM) *	A	B	C	D
#1 Size NPT	90	27.30	22.05	7.87	10.16
#1 Size Flanged	90	27.80	22.52	6.30	10.16
#2 Size NPT	180	40.12	34.84	6.30	10.16
#2 Size Flanged	180	42.20	36.90	6.30	10.16

* Flow rate is dependent upon bag selection, fluid viscosity and the allowable pressure drop.



*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 Model Number

Type	TNB	1	A	15	F	2	E	EP
TNB 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								
O-Ring Material								
E = EPDM (other materials are available)								
Special Features								
M = Modify								
EP = Electro-polish								



Authorized MAHLE-Nowata Distributor & Representative

For pricing and information please call
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