



*Industrial Filtration*

## Bag Filter Housing for Liquids Nowata TNB Series Top Entry Bag Housing

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

### 1. Features

The Nowata 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 it's paints, chemicals, coolants, inks or water, the Nowata TNB Series Top 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.
- 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

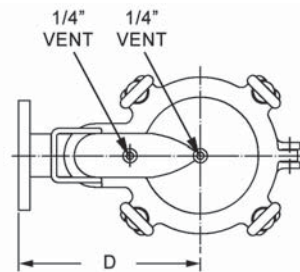
The Nowata TNB Series Top Entry Single Bag Housing is available in 316 Stainless Steel or 304 Stainless Steel. The lid assembly is an investment casting of the same material. The cover seals directly onto the filter bag so there is no need for a filter bag hold down device. Standard housings are mechanically 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 inch and available as NPT Threaded or ANSI Flanged.

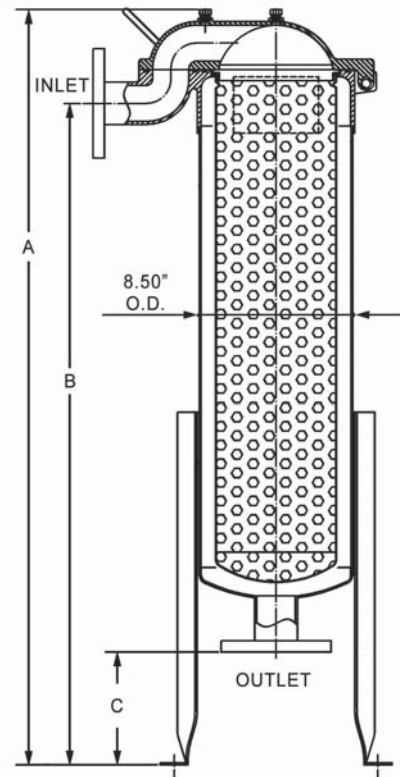
MODEL	LIQUID FLOW RATE (GPM) *	A	B	C	D
#1 Size Bag Housing NPT	90	27.30	22.05	7.87	10.16
#1 Size Bag Housing Flanged	90	27.80	22.52	6.30	10.16
#2 Size Bag Housing NPT	180	40.12	34.84	6.30	10.16
#2 Size Bag Housing Flanged	180	42.20	36.90	6.30	10.16

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

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

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