

# TNB Top Entry Series

## Single Bag Filter Housings

### TNB Top Entry Key Features

- Available in 304 or 316 Stainless Steel for superior corrosion resistance.
- 150 PSI working pressure, temp. 190°F Max.
- Adjustable leg assembly included.
- For standard #1 or #2 Bag Sizes.
- Cover seals 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).
- 2" Flanged or Threaded Inlet/Outlet and 1/4" NPT Vents.
- Vessels are available as non-code only.
- Electro-Polishing is an optional feature.



Electro-Polished  
Nowata TNB Top Entry,  
Single Bag Filter Housing with  
ANSI Flanged Inlet and Outlet

### TNB Top Entry Construction Features

The Nowata Filtration TNB Top Entry Series of single bag filter housings are economical and durable filter housings used in process applications such as water, chemical, food and general industrial. Standard housing material is 316 Stainless Steel or 304 Stainless Steel with Electro-Polishing as an option. The standard configuration of these units assures that they can be easily incorporated into your system. The design of the housings allows the use of standard and high efficiency filter bags plus a variety of o-ring materials with no change in design. This means that whether it's paints, chemicals, coolants, inks or water, the TNB Top Entry Series of single bag filter housings from Nowata Filtration will fit the need.

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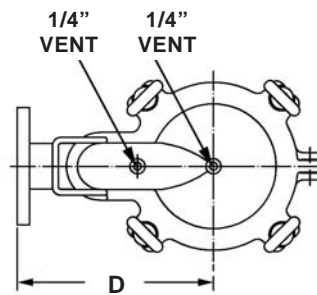
**NOWATA**  
  
**PROGUARD**  
FILTRATION  
member of the **amafilter**group

## STANDARD CONSTRUCTION FOR TNB TOP ENTRY HOUSING

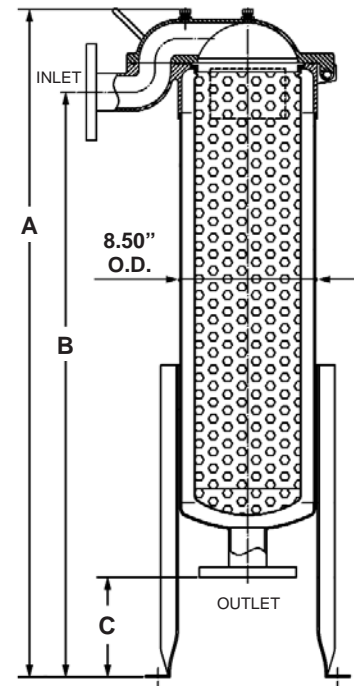
MODEL	LIQUID FLOW RATE (GPM) <sup>(1)</sup>	DIMENSIONS (INCHES)			
		A	B	C	D
#1 Size Bag Housing NPT	90	27.30	22.05	7.87	10.16
#1 Size Bag Housing Flanged	90	27.80	22.52	6.30	10.16
#2 Size Bag Housing NPT	180	40.12	34.84	6.30	10.16
#2 Size Bag Housing Flanged	180	42.20	36.90	6.30	10.16

Due to our continuing program of product improvement, specifications are for reference only and subject to change without notice.

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



TOP VIEW



SIDE VIEW

## TNB HOUSING MODEL NUMBER

TNB Model	1 Bag Size	A Material of Construction	15 Pressure Rating	F Connection Styles	2 Inlet/Outlet Connection	E O-Ring	EP Special
TNB	1 = #1 Bag 2 = #2 Bag	A = 304 SS S = 316 SS	15 = 150 PSI	F = Flange N = Thread	2 = 2 Inch	E = EPDM	M = Modify EP = Electro-Polish

## CONSTRUCTION NOTES

The Nowata Filtration TNB Top Entry 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 bag hold down device. Electro-Plating 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 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.