

H-TBF TOP-INLET/BOTTOM OUTLET SINGLE BAG FILTER HOUSINGS

FOR LOW-VOLUME LIQUID FILTRATION IN A WIDE RANGE OF FILTRATION APPLICATIONS

H-TBF Top-Inlet/Bottom-Outlet Filter Housings are designed as a single bag filter housing

for most low volume liquid filtration applications.

With a top inlet design, liquid flows into the filter housing from the side inlet to the top of the filter, which helps to establish a pressure balance and reduction or elimination of turbulence, thus protecting the filter bag.

During filtration, liquid flows from the top to the bag filter, this keeps volume low above the bag filter. The lid is pressed firmly against the bag filter, thus providing excellent sealing.

FEATURE	BENEFIT
Quality surface finishing	Mechanical polish, sand blast, and brushed are available to match process requirements.
Top Inlet, Bottom Outlet	Inlet/Outlet configuration allows easy filter change through top lid.
Economical Supports	Three-leg support bracket configuration make it easy to secure the housing to a flat surface.

SPECIFICATIONS

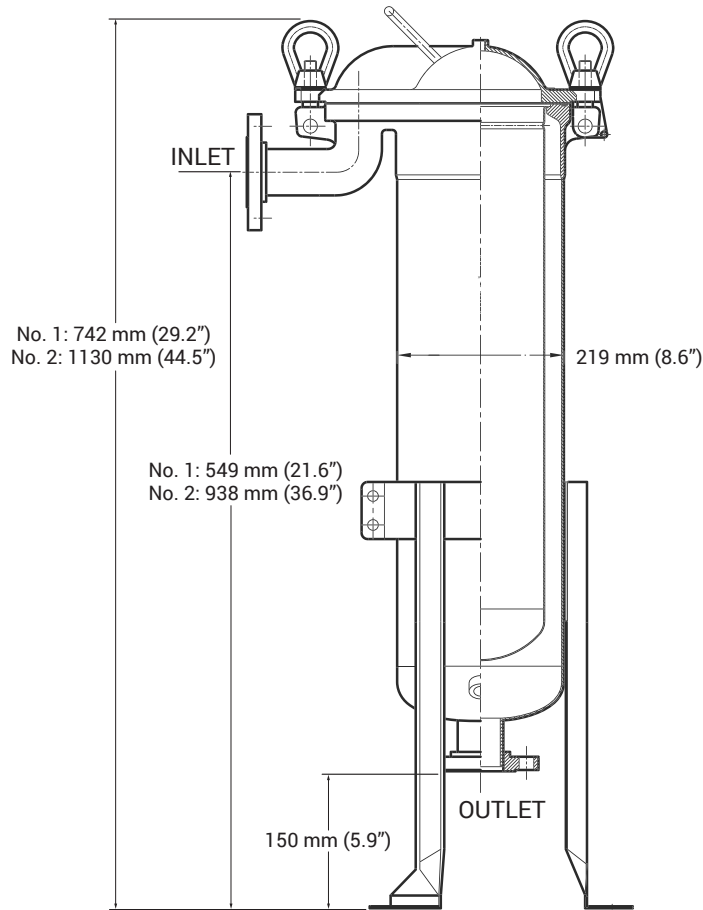
Surface finish	Polish Type: Mirror Polish; Sandblasted; Brushed
Housing body	304; 316L
Inlet/Outlet	Flange, Tri-Clamp
O-ring/gaskets	Silicone, FKM, EPDM, E-FKM
Max. operating pressure	Design Pressure X: 0.6 MPa (6 bar, 87 psi) Design Pressure Y: 1.0 MPa (10 bar, 145 psi)
Max. operating temperature	150°C (302°F)



Typical Applications

- Culture Medium
- Fermentation Broths
- Gel Materials
- High Viscosity Materials
- Serums
- Liquid Filtration

DIMENSIONS



ORDERING INFORMATION

EXAMPLE: **H-TBF0101SDF50EAXP** = 1 bag, #1 size, 316L housing, swing bolt closure, 2" Flange I/O, EPDM seals, mirror polish, 87 psi max, pharmaceutical

H-TBF	01			D				
Number of Bags	Bag Size	Material	Housing/Base Connection	Inlet/Outlet*	Seal Material	Surface Finish	Design Pressure	Application
01 = 1 bag	01 = #1 size 02 = #2 size	F = 304 S = 316L	D = Swing Bolt	T38 = 1.5" Tri-Clamp (DN38) T50 = 2" Tri-Clamp (DN50) F50 = 2" Flange	S = Silicone E = EPDM V = FKM P = E-FKM (encapsulated FKM)	A = Mirror Polish C = Sand Blasted S = Brushed	X = 0.6 MPa (87 psi) Y = 1.0 MPa (145 psi)	P = Pharmaceutical F = Food and Beverage C = Chemical

*Other options available upon request



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