

H-MBF MULTI-BAG FILTER HOUSINGS

SIDE INLET/ BOTTOM OUTLET HOUSINGS FOR MEDIUM TO HIGH-VOLUME LIQUID FILTRATION

H-MBF Side-Inlet/Bottom Outlet Filter Housings are designed as multi-bag housings for most medium to high volume liquid filtration applications.

The housings are provided with an integrated lid and sealing design. Stainless steel grid mesh directly presses on the bag filter connection, which creates a tight seal and allows for quick and efficient change-out of filter elements.

FEATURE

BENEFIT

Quality surface finishing

Mechanical polish and sand blast are available to match process requirements.

Side Inlet, Bottom Outlet

Inlet/Outlet configurations allow easy integration into existing applications, while providing simple filter change through a swivel mounted top lid.



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

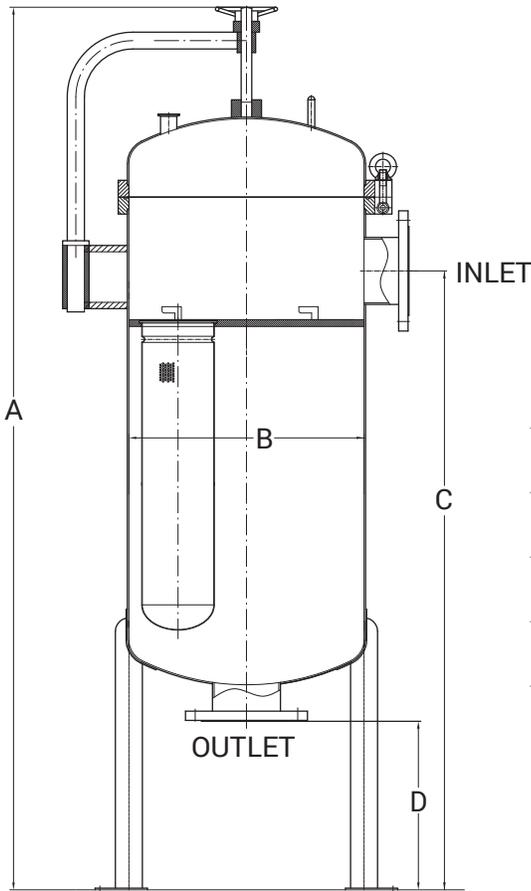
Max. operating pressure Design Pressure X: 0.6 MPa (6 bar, 87 psi)
Design Pressure Y: 1.0 MPa (10 bar, 145 psi)

Max. operating temperature 150°C (302°F)

Typical Applications

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

DIMENSIONS



	# Bags (for #2 Bag Size)				
	3 bags	4 bags	6 bags	8 bags	12 bags
Total Height A	1800 mm (70.9')	1800 mm (70.9')	1860 mm (73.2')	1980 mm (78.0')	2220 mm (587.4')
Diameter B	550 mm (21.7')	550 mm (21.7')	650 mm (25.6')	750 mm (529.5')	950 mm (37.4')
Inlet to Ground C	1120 mm (44.1')	1120 mm (44.1')	1280 mm (50.4')	1420 mm (55.9')	1200 mm (47.2')
Outlet to Ground D	400 mm (5.91')				500 mm (19.7')

ORDERING INFORMATION

EXAMPLE: **H-MBF0302FDF80SAXP** = Side In/Bottom Out, 3 bag, #2 size, 304SS, swing bolt closure, 3" Flange I/O, Silicone seals, mirror polish, 87 psi max, pharmaceutical

H-MBF



Number of Bags
 03 = 3 bag
 04 = 4 bag
 06 = 6 bag
 08 = 8 bag
 10 = 10 bag
 12 = 12 bag



Bag Size
 01 = #1 size
 02 = #2 size



Material
 F = 304
 S = 316L



Housing Connection
 D = Swing Bolt
 C = C-Clamp



Seal Material
 S = Silicone
 E = EPDM
 V = FKM
 P = E-FKM (encapsulated FKM)



Surface Finish
 A = Mirror Polish
 C = Sand Blasted
 S = Brushed



Inlet/Outlet
 F80 = 3" Flange (DN80)
 F125 = 5" Flange (DN125)
 F150 = 6" Flange (DN150)
 F200 = 8" Flange (DN200)
 F250 = 10" Flange (DN250)

Design Pressure
 X = 0.6 MPa (87 psi)
 Y = 1.0 MPa (145 psi)

Application
 P = Pharmaceutical
 F = Food and Beverage
 C = Chemical



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