

## H-EMBF MULTI-BAG FILTER HOUSINGS

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

H-EMBF Side-Inlet/Side 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 with a spring-loaded lid. 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
<b>Quality surface finishing</b>	Mechanical polish and sand blast are available to match process requirements.
<b>Side Inlet, Side Outlet</b>	Inlet/Outlet configuration allows easy integration into existing applications, while providing simple filter change through a spring-loaded, auto-balanced lid design.

#### SPECIFICATIONS

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

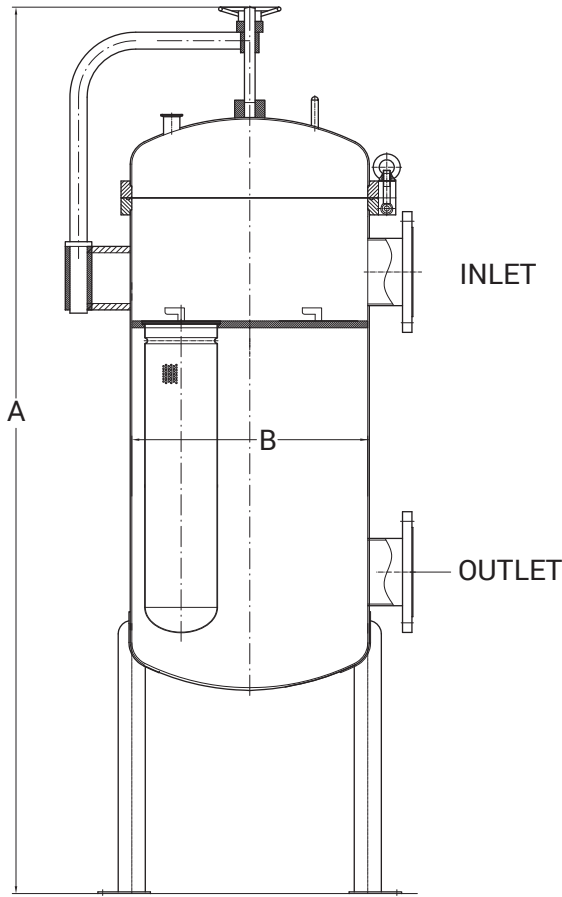


#### Typical Applications

- 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
<b>Total Height A</b>	1800 mm (70.9')	1800 mm (70.9')	1860 mm (73.2')	1980 mm (78.0')	2220 mm (587.4')
<b>Diameter B</b>	550 mm (21.7')	550 mm (21.7')	650 mm (25.6')	750 mm (529.5')	950 mm (37.4')

## ORDERING INFORMATION

EXAMPLE: **H-EMBF0302FDF80SAXP** = Side In/Side Out, 3 bag, #2 size, 304SS, swing bolt closure, 3" Flange I/O, Silicone seals, mirror polish, 87 psi max, pharmaceutical

**H-EMBF**



**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



**Inlet/Outlet**

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



**Seal Material**

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



**Surface Finish**

A = Mirror Polish  
C = Sand Blasted  
S = Brushed



**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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