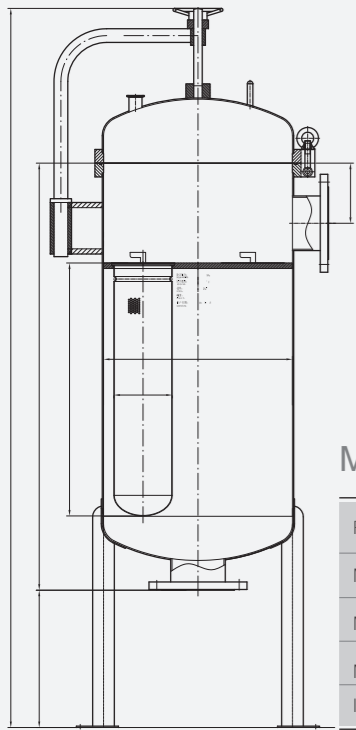


## H-MBF (Standard Version)

Easy to Operate; High Efficiency Bag Filter Housing;  
Suitable for High Flow Rate Filtration Requirements

- Filter bag housing utilizes a davit style design.
- Side inlet/outlet design makes it suitable for use with various application requirements. Stainless steel grid mesh directly presses on the bag filter connection, which creates a tight seal and allows for a quick and efficient change-out of filter elements.
- Compact design means less liquid loss.
- 3-bag to 12-bag filter housings is available depending on required flow rates.



### Material of Construction

Polish Type	Mirror Polish; Sand-Blasted; Wire Drawing
Max. Pressure	1.0Mpa
Max Temp.	150°C
Material	SS304, SS316L
Inlet / Outlet	Flange



## H-EMBF (Precise Version)

High Flow Bag Filter Housing;  
Suitable for Use in a Clean Production/Environment

- Exterior and interior are mechanically polished for sanitary filtration requirements.
  - Integrated lid and sealing design; Stainless steel grid mesh directly presses on the bag filter connection, which creates a tight seal and allows for a quick and efficient change-out of filter elements.
  - Spring-assisted lid, which keeps the weight, balanced when opening the lid. This ensures that the lid is easy to open, lift, and anchor.
  - Side inlet/outlet design makes it suitable for use with various application requirements.
  - Compact design means less liquid loss.
- 3-bag to 12-bag filter housings is available depending on required flow rates.



### Material of Construction

Polish Type	Mirror Polish; Sand-Blasted; Wire Drawing
Max. Pressure	1.0Mpa
Max Temp.	150°C
Material	SS304, SS316L
Inlet / Outlet	Flange

### Drawings & Dimensions

	NO.3	NO.4	NO.6	NO.8	NO.12
Total Height	1800	1800	1860	1980	2220
Diameter	550	550	650	750	950
Inlet to Ground	1120	1120	1280	1420	1200
Outlet to Ground	400	400	400	400	500

Remarks: Dimensions above are limited to Size 2 filter bag.

### Ordering Information

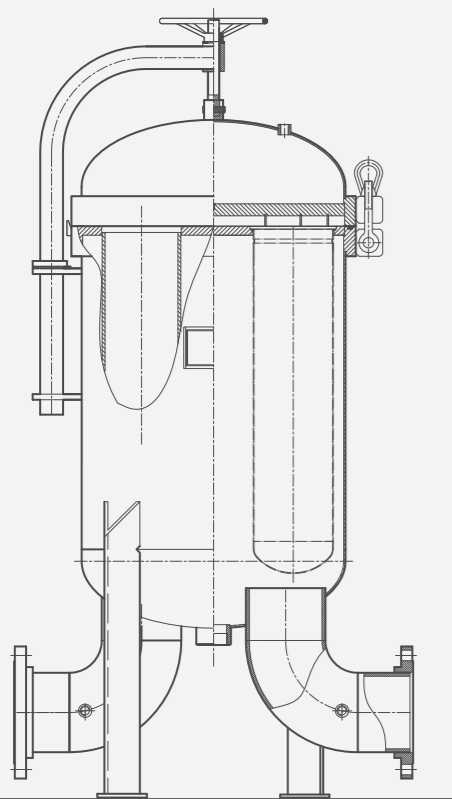
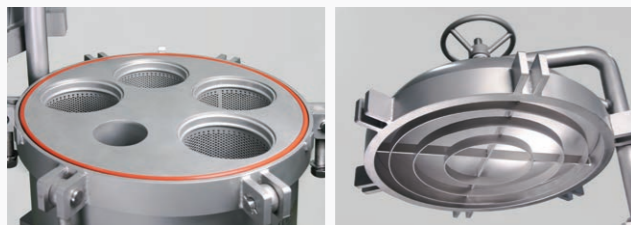
	Number of Bags	Bag Size	Material	Housing Connection	Inlet / outlet	Sealing Material	Surface Finish	Design Pressure	Application
H-MBF	<u>1</u>	<u>02</u>	<u>F</u>	<u>D</u>	<u>F80</u>	<u>S</u>	<u>A</u>	<u>X</u>	<u>P</u>
H-EMBF	<u>03</u> 3 bag <u>04</u> 4 bag <u>06</u> 6 bag <u>08</u> 8 bag <u>10</u> 10 bag <u>12</u> 12 bag	<u>01</u> 180*430 <u>02</u> 180*810 <u>03</u> Customize	<u>F</u> 304 <u>S</u> 316L	<u>D</u> Swing Bolt <u>C</u> C-Clamp	<u>F80</u> Flange DN80 (2 bags) <u>F125</u> Flange DN125 (3 bags) <u>F150</u> Flange DN150 (4 bags) <u>F200</u> Flange DN200 (5-6 bags) <u>F250</u> Flange DN250 (7 bags)	<u>S</u> Silicone <u>E</u> EPDM <u>V</u> Viton <u>F</u> PTFE <u>P</u> Encapsulated Viton	<u>A</u> Mirror Polish <u>C</u> Sand Blasted <u>S</u> Brushed	<u>X</u> 0.6MPa <u>Y</u> 1.0MPa	<u>P</u> Pharmaceutical <u>F</u> Food and Beverage <u>C</u> Chemical



# Multi-Bag Filter Housing (Compact Version) H-LMBF

Easy Installation and Bag Filter Housing Operation;  
Suitable for Guard Filtration and  
Industrial High Flow Filtration

- Integrated lid and sealing design; Stainless steel grid mesh directly presses on the bag filter connection, which creates a tight seal and allows for a quick and efficient change-out of filter elements.
- Bottom inlet/outlet design makes it suitable for use with various application requirements.
- Compact design means less liquid loss.
- 3-bag to 12-bag filter housings is available depending on required flow rates.



## Operating Instructions

1. Use a wrench to loosen the swing bolts or screws when changing out the bag filters
2. Turn the davit handle and lift the lid open
3. Turn over the lid
4. Change out filter elements
5. Move the lid back to the correct position and turn the handle to drop the lid.
6. Use a wrench to tighten the swing bolts and screws

## Surface Finish

Polish Type	Mechanical Polish / Sand-Blasted / Wire Drawing
Max. Pressure	1.0Mpa
Max Temp.	150°C
Material	SS304,SS316L
Inlet / Outlet	Flange

## Drawings & Dimensions

	NO.3	NO.4	NO.6	NO.8	NO.12
Total Height		1640	1760	1820	2100
Diameter		550	650	750	950
Inlet to Ground	180	180	250	152	190
Outlet to Ground	180	180	250	12	190

## Ordering Information

	Number of Bags	Bag Size	Material	Housing Connection	Inlet / outlet	Sealing Material	Surface Finish	Design Pressure	Application
H-LMBF	<u>1</u>	<u>02</u>	<u>F</u>	<u>D</u>	<u>F80</u>	<u>S</u>	<u>A</u>	<u>X</u>	<u>P</u>
	<b>03</b> 3 bag <b>04</b> 4 bag <b>06</b> 6 bag <b>08</b> 8 bag <b>10</b> 10 bag <b>12</b> 12 bag	<b>01</b> 180*430 <b>02</b> 180*810 <b>03</b> Customize	<b>F</b> 304 <b>S</b> 316L	<b>D</b> Swing Bolt <b>C</b> C-Clamp	<b>F80</b> Flange DN80 (2 bags) <b>F125</b> Flange DN125 (3 bags) <b>F150</b> Flange DN150 (4 bags) <b>F200</b> Flange DN200 (6-8 bags) <b>F250</b> Flange DN250 (7 bags)	<b>S</b> Silicone <b>E</b> EPDM <b>V</b> Viton <b>F</b> PTFE <b>P</b> Encapsulated Viton	<b>A</b> Mirror Polish <b>C</b> Sand Blasted <b>S</b> Brushed	<b>X</b> 0.6MPa <b>Y</b> 1.0MPa	<b>P</b> Pharmaceutical <b>F</b> Food and Beverage <b>C</b> Chemical

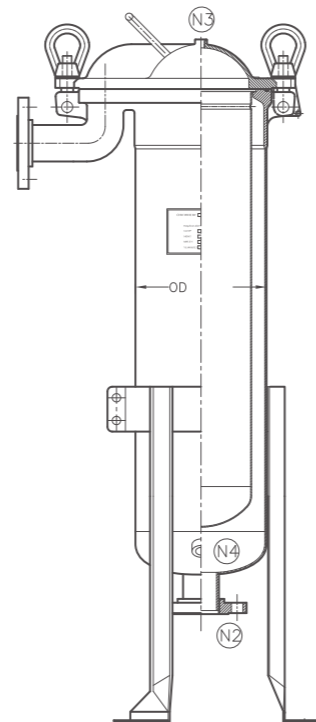




## Top-Inlet Bag Filter Housing H-TBF

Recommended Configuration,  
Meets All Filtration Requirements

- H-TBF is our recommendation for single bag filter housings as it's suitable for various filtration requirements.
- 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 and free from turbulence, thus, protecting the filter bag.
- During filtration, liquid flow directly 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.
- Mechanical polish and sand blast are available according to customer's requirements.



### Material of Construction

Polish Type	Mirror Polish; Sand-Blasted; Wire Drawing
Max. Pressure	1.0Mpa
Max Temp.	150°C
Material	SS304,SS316L
Inlet / Outlet	Flange, Tri-Clamp, Thread

### Drawings & Dimensions

	NO.1	NO.2
Total Height	742	1130
Diameter	219	219
Inlet to Ground	549	938
Outlet to Ground	150	150

### Ordering Information

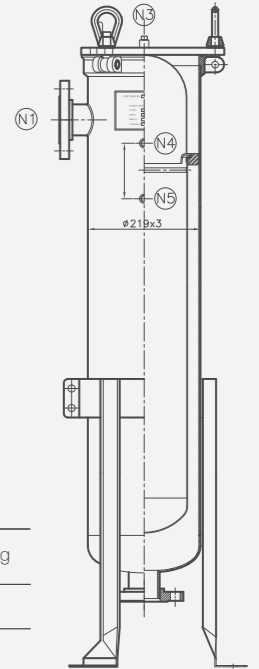
	Number of Bags	Bag Size	Material	Housing Connection	Inlet /outlet	Sealing Material	Surface Finish	Design Pressure	Application
H-TBF	1 01 1 bag	02	F	D	T38	S	A	X	P
		01 180*430	F 304	D Swing Bolt	T38 Tri-clamp DN38	S Silicone	A Mirror Polish	X 0.6MPa	P Pharmaceutical
		02 180*810	S 316L		T50 Tri-clamp DN50	E EPDM	C Sand Blasted	Y 1.0Mpa	F Food and Beverage
					F50 Flange DN50	V Viton	S Brushed		C Chemical
					P Encapsulated Viton				



## Side-Inlet Single Bag Filter Housing (Standard Version) H-SBF

Economical; Suitable for the  
Majority of Filtration Applications

- Using a triangle shaped lid, one side is fixed to the filter housing, which makes it convenient to use and maintain.
- Using a clamp ring and spring to compress the bag filter, thus, ensuring a 360° sealing between the housing and filter bag.
- The Z-type support allows for equal pressure against the basket.
- Mechanical polish and sand blast are available according to customer's requirements.



### Material of Construction

Polish Type	Mirror Polish; Sand-Blasted; Wire Drawing
Max. Pressure	1.0Mpa
Max Temp.	150°C
Material	SS304,SS316L
Inlet / Outlet	Flange, Tri-Clamp, Thread

### Drawings & Dimensions

	NO.1	NO.2
Total Height	820	1214
Diameter	219	219
Inlet to Ground	600	993
Outlet to Ground	150	150



### Ordering Information

	Number of Bags	Bag Size	Material	Housing Connection	Inlet /outlet	Sealing Material	Surface Finish	Design Pressure	Application
H-SBF	1 01 1 bag	02	F	D	T38	S	A	X	P
		01 180*430	F 304	D Swing Bolt	T38 Tri-clamp DN38	S Silicone	A Mirror Polish	X 0.6MPa	P Pharmaceutical
		02 180*810	S 316L		T50 Tri-clamp DN50	E EPDM	C Sand Blasted	Y 1.0Mpa	F Food and Beverage
					F50 Flange DN50	V Viton	S Brushed		C Chemical
					P Encapsulated Viton				



## Side-Inlet Single Bag Filter Housing (Economical Version) H-EBF

Lighter and A More Economical Bag Filter Housing



- H-EBF is the most economical bag filter housing manufactured by Cobetter, it handles most industrial filtration requirements in low-pressure operations.
- Using a triangle shaped lid, one side is fixed to the filter housing, which makes it convenient to use and maintain.
- Using a clamp ring and spring to compress the bag filter, thus, ensuring a 360° sealing between the housing and filter bag.
- Mechanical polish and sand blast are available according to customer's requirements.

### Material of Construction

Polish Type	Mirror Polish;Sand-Blasted;Wire Drawing
Max. Pressure	1.0Mpa
Max Temp.	150°C
Material	SS304,SS316L
Inlet / Outlet	Thread

### Drawings & Dimensions

	NO.1	NO.2
Total Height	746	1141
Diameter	195	195
Inlet to Central	137	137
Inlet to Ground	649	1044
Outlet to Ground	150	150



### Ordering Information

	Number of Bags	Bag Size	Material	Housing Connection	Inlet /outlet	Sealing Material	Surface Finish	Design Pressure	Application
H-EBF	<b>1</b> 01 1 bag	<b>02</b> 01 180*430 02 180*810	<b>F</b> 304 <b>S</b> 316L	<b>D</b> Screw Bolt	<b>T38</b> Tri-clamp DN38 <b>T50</b> Tri-clamp DN50 <b>F50</b> Flange DN50	<b>S</b> Silicone <b>E</b> EPDM <b>V</b> Viton <b>P</b> Encapsulated Viton	<b>A</b> Mirror Polish <b>C</b> Sand Blasted <b>S</b> Brushed	<b>X</b> 0.6MPa <b>Y</b> 1.0Mpa	<b>P</b> Pharmaceutical <b>F</b> Food and Beverage <b>C</b> Chemical



## EBF Filter Bag Series

Cost-Effective /Needle Felt

EBF economic filter bags are made of high efficiency needle felt, processed by the surface treatments of singeing, calendaring and coating, eliminate the risk of fiber releasing. The seamless thermal bonding technology ensures no side leakage.

EBF is available in double layer structure that increases the effective filtration, dirt holding capacity and enhanced retention efficiency. EBF is the cost effective solution for medium-low viscous fluids.

Optional media: PP and PET



## SBF Nylon Mesh Filter Bag Series

Surface Filtration / Nylon Mesh

SBF nylon mesh filter bags are designed to withstand higher solid loading, high flow rate and are suitable for applications not needing high precision removal rating.



## High Efficiency HEBF Filter Bag Series

Melt-blown Polypropylene/ oil absorption

HEBF high efficiency filter bags are made of ultrafine polypropylene fibers. The melt-blown technology provides extremely high filtration efficiency reaching the absolute rates. The media provide high hydrophobicity with water, but high hydrophilicity with Oil. So it is used as oil adsorption filter bag.

The 100% pure polypropylene construction doesn't contain any extractable contaminants of silicone oil, adhesive, etc. It fully conforms to the food contact regulations of FDA and GMP requirements for pharmaceutical use.



## BG160 Bag Filter Cartridge

Cartridge Filter Style/ Large Filter Area

Cobetter BG160 Filter cartridge is design for replace filter bags. Its O.D..160mm and endcap O.D. Is 180mm which is same with standard filter bags. Cobetter BG160 filter 's filtration area is 8 times of normal filter bag. It can fit most Size 1 and Size 2 bags with no hardware changes.

