

# 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	<u>1</u> 01 1 bag	<u>02</u> 01 180*430 02 180*810	<u>F</u> 304 <u>S</u> 316L	<u>D</u> Screw Bolt	<u>T38</u> T38 Tri-clamp DN38 <u>T50</u> Tri-clamp DN50 <u>F50</u> Flange DN50	<u>S</u> <u>S</u> Silicone <u>E</u> EPDM <u>V</u> Viton <u>P</u> Encapsulated Viton	<u>A</u> <u>A</u> Mirror Polish <u>C</u> Sand Blasted <u>S</u> Brushed	<u>X</u> <u>Y</u> 0.6MPa 1.0Mpa	<u>P</u> <u>P</u> Pharmaceutical <u>F</u> Food and Beverage <u>C</u> 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.



Unique sealing device ("O" o-ring + "U" o-ring design) ensures no leakage

