



FILTERTECH

PRODUCTS LIST

BAG FILTERS HOUSINGS

Filter Bag Housings are designed for **optimum filtration** performance. The range provides filtration solutions for a broad variety of fluid applications in the process industry industry using bag filter technology. Filter Bag Housings are manufactured in accordance to meet the high demands of the process industries.

They can be used in **processing chemicals, petroleum** derivatives, coolants, cutting oils, cleaning fluids, waxes, paints, inks, resins, varnishes, lacquers, pharmaceuticals, plasticizers, plastisols, food stuffs, vegetable oils and edible oils. They are particularly useful for filtering large volumes of high viscosity liquids.



Equipment Connections can be NPT, BSP and ASA Screwed or flanged in the different configurations to suit the customer's requirements. All bag filters vessels are compatible with all standard snap ring filter bags as well as our other custom designed bags. These can be supplied in single or multiple bags in a vessel assembly.



- **Low pressure drop design**
- **High flow rates**
- **Positive bag seal**
- **Adjustable legs on Single Bag filters and premanent legs on multi-bag filters**
- **Economic filtration**
- **Simple and rapid changeout of bags**
- **Available in carbon or Stainless steel construction**
- **Secure quick release housing closure**
- **Polished, Glass bead blasted or paint coated externals**
- **Flow rates from 25 to 3000 gallons/min**
- **Full range of sizes**
- **Accepts both rigid ring & snapband bags**
- **Custom design service**
- **Multiple and duplex systems available**





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BAG FILTERS HOUSINGS

Model #	Bag Size	Pipe	Steel Type*
HB3-MN1	4" x 8"	1" MNPT	A / B / C
HB3-FN1	4" x 8"	1" FNPT	A / B / C
HB3-FL1	4" x 8"	1" Flanged	A / B / C
HB3-MN1-SE	4" x 8"	1" MNPT	A / B / C
HB3-FN1-SE	4" x 8"	1" FNPT	A / B / C
HB3-FL1-SE	4" x 8"	1" Flanged	A / B / C
HB4-MN15	4" x 14"	1.5" MNPT	A / B / C
HB4-FN15	4" x 14"	1.5" FNPT	A / B / C
HB4-FL15	4" x 14"	1.5" Flanged	A / B / C
HB4-MN2	4" x 14"	2" MNPT	A / B / C
HB4-FN2	4" x 14"	2" FNPT	A / B / C
HB4-FL2	4" x 14"	2" Flanged	A / B / C
HB4-MN15-SE	4" x 14"	1.5" MNPT	A / B / C
HB4-FN15-SE	4" x 14"	1.5" FNPT	A / B / C
HB4-FL15-SE	4" x 14"	1.5" Flanged	A / B / C
HB4-MN2-SE	4" x 14"	2" MNPT	A / B / C
HB4-FN2-SE	4" x 14"	2" FNPT	A / B / C
HB4-FL2-SE	4" x 14"	2" Flanged	A / B / C

Steel Type

A - Carbon Steel
 B - SST. 304
 C - SST. 316

Identification Guide

Example

HB -Bag Housing
 3 or 4 -Bag Size
 MN -Male NPT
 FN -Female NPT
 FL -Flanged
 SE -Side Entry

Accessories for HB3 bag size 4" x 8" / HB4 bag size 4" x 17"

Model	Description	Model	Description
HB3-1	Filter Basket	HB4-1	Filter Basket
HB3-2	Single Mesh Liner (0 / 550 mesh)	HB4-2	Single Mesh Liner (0 / 550 mesh)
HB3-3	Double Mesh Lined (0 / 550 mesh)	HB4-3	Double Mesh Lined (0 / 550 mesh)
HB3-5	Displacement Balloon	HB4-4	Displacement Balloon
HB3-6	Backflush Restrainer (regular duty)	HB4-5	Backflush Restrainer (regular duty)
HB3-7	Backflush Restrainer (heavy duty)	HB4-6	Backflush Restrainer (heavy duty)
HB3-8	Tripod Legs (carbon steel)	HB4-7	Tripod Legs (carbon steel)
HB3-9	Tripod Legs (sst)	HB4-8	Tripod Legs (sst)
HB3-10	Basket Special Ring (non std)	Same	
HB3-11	Eye Nuts 0.5" (chrome plated)	Same	
HB3-12	Eye Nuts 0.5" (sst 316)	Same	
HB3-13	Eye Bolts 0.5" (chrome plated)	Same	
HB3-14	Eye Bolts 0.5" (sst 316)	Same	
HB3-15	Swing Pins (chrome plated)	Same	
HB3-16	Swing Pins (sst 316)	Same	
HB3-17	Bag Hold Downs	Same	
HB3-18 (Side Entry)	O-ring Buna (Cover #352)	Same	
HB3-19 (Side Entry)	O-ring EPR (Cover #352)	Same	
HB3-20 (Side Entry)	O-ring Viton (Cover #352)	Same	
HB3-21	O-ring Buna (Cover #248)	Same	
HB3-22	O-ring EPR (Cover #248)	Same	
HB3-23	O-ring Viton (Cover #248)	Same	
HB3-24	O-ring Buna (Inlet #226)	Same	
HB3-25	O-ring EPR (Inlet #226)	Same	
HB3-26	O-ring Viton (Inlet #226)	Same	

**FILTERTECH****PRODUCTS LIST****BAG FILTERS HOUSINGS**

Model #	Bag Size	Pipe	Steel Type*
HB1-MN2	7" x 17"	2" MNPT	A / B / C
HB1-FN2	7" x 17"	2" FNPT	A / B / C
HB1-FL2	7" x 17"	2" Flanged	A / B / C
HB1-MN25	7" x 17"	2.5" MNPT	A / B / C
HB1-FN25	7" x 17"	2.5" FNPT	A / B / C
HB1-FL25	7" x 17"	2.5" Flanged	A / B / C
HB1-MN3	7" x 17"	3" MNPT	A / B / C
HB1-FN3	7" x 17"	3" FNPT	A / B / C
HB1-FL3	7" x 17"	3" Flanged	A / B / C
HB1-MN2-SE	7" x 17"	2" MNPT	A / B / C
HB1-FN2-SE	7" x 17"	2" FNPT	A / B / C
HB1-FL2-SE	7" x 17"	2" Flanged	A / B / C
HB1-MN25-SE	7" x 17"	2.5" MNPT	A / B / C
HB1-FN25-SE	7" x 17"	2.5" FNPT	A / B / C
HB1-FL25-SE	7" x 17"	2.5" Flanged	A / B / C
HB1-MN3-SE	7" x 17"	3" MNPT	A / B / C
HB1-FN3-SE	7" x 17"	3" FNPT	A / B / C
HB1-FL3-SE	7" x 17"	3" Flanged	A / B / C
HB1-MN4-SE	7" x 17"	4" MNPT	A / B / C
HB1-FN4-SE	7" x 17"	4" FNPT	A / B / C
HB1-FL4-SE	7" x 17"	4" Flanged	A / B / C

Steel Type

A - Carbon Steel

B - SST. 304

C - SST. 316

Identification Guide**Example**

HB -Bag Housing

1 or 2 -Bag Size

MN -Male NPT

FN -Female NPT

FL -Flanged

SE -Side Entry

Model #	Bag Size	Pipe	Steel Type*
HB2-MN2	7" x 32"	2" MNPT	A / B / C
HB2-FN2	7" x 32"	2" FNPT	A / B / C
HB2-FL2	7" x 32"	2" Flanged	A / B / C
HB2-MN25	7" x 32"	2.5" MNPT	A / B / C
HB2-FN25	7" x 32"	2.5" FNPT	A / B / C
HB2-FL25	7" x 32"	2.5" Flanged	A / B / C
HB2-MN3	7" x 32"	3" MNPT	A / B / C
HB2-FN3	7" x 32"	3" FNPT	A / B / C
HB2-FL3	7" x 32"	3" Flanged	A / B / C
HB2-MN2-SE	7" x 32"	2" MNPT	A / B / C
HB2-FN2-SE	7" x 32"	2" FNPT	A / B / C
HB2-FL2-SE	7" x 32"	2" Flanged	A / B / C
HB2-MN25-SE	7" x 32"	2.5" MNPT	A / B / C
HB2-FN25-SE	7" x 32"	2.5" FNPT	A / B / C
HB2-FL25-SE	7" x 32"	2.5" Flanged	A / B / C
HB2-MN3-SE	7" x 32"	3" MNPT	A / B / C
HB2-FN3-SE	7" x 32"	3" FNPT	A / B / C
HB2-FL3-SE	7" x 32"	3" Flanged	A / B / C
HB2-MN4-SE	7" x 32"	4" MNPT	A / B / C
HB2-FN4-SE	7" x 32"	4" FNPT	A / B / C
HB2-FL4-SE	7" x 32"	4" Flanged	A / B / C



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Accessories for HB1 bag size 7" x 17" / HB2 bag size 7" x 32"

Model	Description	Model	Description
HB1-1	Filter Basket (# 10 Mesh)	HB2-1	Filter Basket (# 10 Mesh)
HB1-2	Perforated Plate	HB2-2	Perforated Plate
HB1-3	Single Mesh Liner (0 / 550 mesh)	HB2-3	Single Mesh Liner (0 / 550 mesh)
HB1-4	Double Mesh Lined (0 / 550 mesh)	HB2-4	Double Mesh Lined (0 / 550 mesh)
HB1-5	Displacement Balloon	HB2-5	Displacement Balloon
HB1-6	Backflush Restrainer (regular duty)	HB2-6	Backflush Restrainer (regular duty)
HB1-7	Backflush Restrainer (heavy duty)	HB2-7	Backflush Restrainer (heavy duty)
HB1-8	Tripod Legs (carbon steel)	HB2-8	Tripod Legs (carbon steel)
HB1-9	Tripod Legs (sst)	HB2-9	Tripod Legs (sst)
HB1-11	Eye Nuts 5/8" (chrome plated)	Same	
HB1-12	Eye Nuts 5/8" (sst 316)	Same	
HB1-13	Eye Bolts 5/8" (chrome plated)	Same	
HB1-14	Eye Bolts 5/8" (sst 316)	Same	
HB1-15	Swing Pins (chrome plated)	Same	
HB1-16	Swing Pins (sst 316)	Same	
HB1-18 (Side Entry)	O-ring Buna (Cover #446)	Same	
HB1-19 (Side Entry)	O-ring EPR (Cover #446)	Same	
HB1-20 (Side Entry)	O-ring Viton (Cover #446)	Same	
HB1-21	O-ring Buna (Cover #369)	Same	
HB1-22	O-ring EPR (Cover #369)	Same	
HB1-23	O-ring Viton (Cover #369)	Same	
HB1-24	O-ring Buna (Inlet #334)	Same	
HB1-25	O-ring EPR (Inlet #334)	Same	
HB1-26	O-ring Viton (Inlet #334)	Same	

**FILTERTECH****PRODUCTS LIST****MULTI BAG FILTERS HOUSINGS**

Model #	Bag Size	Pipe	Steel Type*	Number of Bags
HMB2-FL3-2	7" x 17"	3" Flanged	A / B / C	2
HMB2-FL4-2	7" x 17"	4" Flanged	A / B / C	2
HMB2-FL3-3	7" x 17"	3" Flanged	A / B / C	3
HMB2-FL4-3	7" x 17"	4" Flanged	A / B / C	3
HMB2-FL4-4	7" x 17"	4" Flanged	A / B / C	4
HMB2-FL6-4	7" x 17"	6" Flanged	A / B / C	4
HMB2-FL4-5	7" x 17"	4" Flanged	A / B / C	5
HMB2-FL6-5	7" x 17"	6" Flanged	A / B / C	5
HMB2-FL4-6	7" x 17"	4" Flanged	A / B / C	6
HMB2-FL6-6	7" x 17"	6" Flanged	A / B / C	6
HMB2-FL6-7	7" x 17"	6" Flanged	A / B / C	7
HMB2-FL8-7	7" x 17"	8" Flanged	A / B / C	7
HMB2-FL6-8	7" x 17"	6" Flanged	A / B / C	8
HMB2-FL8-8	7" x 17"	8" Flanged	A / B / C	8

Steel Type

A - Carbon Steel
 B - SST. 304
 C - SST. 316

Identification Guide**Example**

HMB -MultiBag Housing
 2 -Bag Size
 FL3 -Flanged 3"
 FL6 -Flanged 6"
 2 -2 Bags
 3 -3 Bags

Accessories For Multi Bag Filter Housing

Model	Description
HMB2-1	Filter Basket (# 10 Mesh)
HMB2-2	Perforated Plate
HMB2-3	Single Mesh Liner (0 / 550 mesh)
HMB2-4	Double Mesh Lined (0 / 550 mesh)
HMB2-5	Displacement Balloon
HMB2-6	Backflush Restrainer (regular duty)
HMB2-7	Backflush Restrainer (heavy duty)

Accessories For Multi Bag Filter Housing

Model	Fits to Model	Mean Diameter	Cross Section	O-Ring Type
HMB2-8	HMB2-FL3-2	18-7/8"	7/16"	A / B / C
	HMB2-FL4-2	18-7/8"	7/16"	A / B / C
HMB2-9	HMB2-FL3-3	18-7/8"	7/16"	A / B / C
	HMB2-FL4-3	18-7/8"	7/16"	A / B / C
HMB2-10	HMB2-FL4-4	25"	7/16"	A / B / C
	HMB2-FL6-4	25"	7/16"	A / B / C
HMB2-11	HMB2-FL4-5	25"	7/16"	A / B / C
	HMB2-FL6-5	25"	7/16"	A / B / C
HMB2-12	HMB2-FL4-6	25"	7/16"	A / B / C
	HMB2-FL6-6	25"	7/16"	A / B / C
HMB2-13	HMB2-FL6-7	31-7/16"	7/16"	A / B / C
	HMB2-FL8-7	31-7/16"	7/16"	A / B / C
HMB2-14	HMB2-FL6-8	31-7/16"	7/16"	A / B / C
	HMB2-FL8-8	31-7/16"	7/16"	A / B / C

O-Ring Type

A - Buna
 B - EPR
 C - Viton