

Multi bag filter housing

MBF 3-6

Amafilter[®] multi bag filters are suitable for a variety of applications and are a simple, easy to use, cost effective choice. Amafilter[®] supply a wide range of filter bags and bag filter housings. Amafilter[®] multi bag filters are available for 3 to 6 bags. These bag filters are excellent for use in the filtration of liquids containing higher concentrations of coarse solids. They are particularly beneficial when handling batches of (various) liquids. They are ideally suited for end filtration or polishing of liquids with extremely low concentrations of solids.

Features

- Easy to use, good interior sealing and accessibility
- Suitable to filtrate hazardous and non-hazardous liquid media as per PED 2014/68/EU directive
- Strong stainless steel support basket for low flow resistance and maximum utilisation of entire surface area
- Slightly conical support basket for easy filter bag removal
- Perfect sealing between unfiltered liquid and filtered liquid is achieved by a bag retainer. The filter bag seals with a felt-covered Snap-Collar ring or plastic seal which tightly fits into the support basket
- Liquid displacement cover: no liquid runs over the side when opening the filter
- Liquid displacer units are available to reduce the liquid volume inside the filter bags

Filter bags

Amafilter[®] supplies a wide range of filter bags in different materials, pore sizes, dimensions and models to fit in our range of bag filter housings as well as those of other manufacturers.



Multi bag filter housing



Typical application

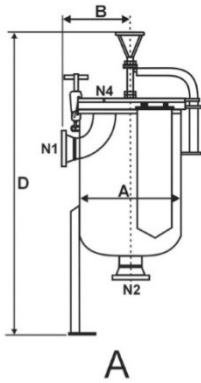
- Filtration of (non-) hazardous liquids

Standard Specification

- Design: ASME
- According: PED 2014/68/EU
- Design pressure: -1 / 6 bar(g)
- Design temperature: -10 / 150°C
- Recommended maximum pressure difference: 2.5 bar
- Operating temperature: depending on the filter media and gaskets used
- The filters are standard manufactured of stainless steel. Other materials on-request.
- Available for size 2 filter bags
- Suitable for 3 up to 6 filter bags
- Filtration area: 1.5 up to 3 m²
- Mesh support baskets
- Flat cover with a handwheel operated davit for cover lifting
- Cover closure with clamping bolts with handles
- Three legs on models with 3-6 bags
- O-ring material: standard EPDM. Other materials on-request such as FPM/Viton[®] or silicone
- FDA compliant on-request

Special models to meet your requirements

Other models suitable for higher temperatures, higher pressure, other material (Duplex, Monel) or size 1 are available on-request.



MBF with 3-6 bags

Ordering information

Example: 1 2 3 / 4 - 5
MBF 2 - 6/3-316L

1	Type	= MBF
2	Dimensions	
	180	= size 2
3	Number of filter bags	= 3, 4, 6
4	Filtration area [m ²]	= 1.5, 2, 3
5	Material	
	304L	= stainless steel 1.4307
	316L	= stainless steel 1.4404

Model	A Ø [mm]	B Standout [mm]	C Width [mm]	D Height mm]	N1 / N2 Inlet / Outlet	N3 Pressure gauge	N4 Vent	Volume [dm ³]	Empty weight [kg]
MBF 2-3/1.5	508	360	-	1512	DN100/ PN16	1/2"NPT	1/2"NPT	150	200
MBF 2-4/2	610	450	-	1512	DN125/PN16	1/2"NPT	1/2"NPT	220	250
MBF 2-6/3	711	500	-	1512	DN150/ PN16	1/2"NPT	1/2"NPT	310	360

