Filtration Group®
Process Systems

AFB

Single bag filter housing
AFB

Amafilter – LFC Lochem (Filtration Group Process Systems) supplies a wide range of filter bags and bag filter housings. Bag filters are a simple, easy to use and economical choice. Our 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. Besides our bag filters can be used as end-filtration or polishing of liquids with extremely low concentrations of solids.

Features

- Easy to use, good interior sealing and accessibility
- 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

Filtration Group supplies a wide range of filter bags in different materials, pore sizes, dimensions and models to fit in our housings as well as those of other manufacturers. For detailed information about amaFlow filter bags, please visit our website www.ama-lfc.com.

Typical application

- Filtration of water

Standard specification

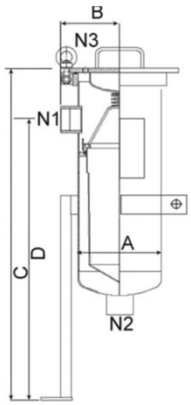
- PED 2014/68/EU: article 4 paragraph 3
- Maximum vapor pressure: < 0.5 bar(g)
- Design pressure: 0 / 10 bar(g)
- Design temperature: 0 / 90 °C
- Support basket recommended maximum differential pressure: 2.5 bar
- Filter housing material: 316Ti stainless steel
- Standard cover closing with hinged eye-bolts and eye-nuts.
- Available for size 1 and size 2 filter bags
- Height adjustable legs
- Flat cover with handle
- Mesh support basket
- O-ring material: standard NBR (Buna-N), other material on-request
- FDA or EU1935/2004 compliant on-request

Special models to meet your requirements

Other models suitable for higher temperature, higher pressure or made from another material, are available on-request.

Filtration Group®
Process Systems

Filtration Group BV – amafilter – LFC Lochem
Hanzeweg 21, 7241 CS Lochem
Postbus 35, 7240 AA Lochem
The Netherlands
[KvK] 37048847
[t] +31 57 329 77 77
[e] info@filtration.group
[i] www.ama-lfc.com



Nozzle specification

N1: Inlet
N2: Outlet
N3: Vent

Ordering information

	Example:		1 - 2 3 - 4 AFB - 180T - 2F
1	**Type**	=	AFB
2	**Dimensions**		
	90	=	Size 1
	180	=	Size 2
3	**Material**		
	T	=	Stainless steel 316Ti (1.4571)
	TY	=	Stainless steel 316Ti (1.4571) include stainless steel bolts and nuts
4	**Inlet/Outlet**		
	2	=	Rp2 - ISO7 - 1
	3	=	Rp3 - ISO7 - 1
	2B	=	Pipe ø60.3 mm
	3B	=	Pipe Ø88.9 mm
	2F	=	DN50 acc. EN1092/PN16
	3F	=	DN80 acc. EN1092/PN16
	2FA	=	2" class 150
	3FA	=	3" class 150
	2SC	=	2" sanitary coupling acc. DIN 11851
	3SC	=	3" sanitary coupling acc. DIN 11851

Dimensions*

Type	A Diameter [mm]	B Standout [mm]	C Height [mm]	D Nozzle height [mm]	Volume [dm³]	Weight [kg]
90	219	156	max. 1000	max. 895	21	max. 21
180	219	Threaded: 156 Flanged: 210	max. 1350	max. 1245	34	max. 30

* Dimensions are for reference only. Subject to technical alteration without prior notice.

SBR20190430

amafilter® Filtration Group®

LFC Lochem® Filtration Group®