

Single bag filter housing AFH

amafilter – LFC Lochem (Filtration Group Process Systems) AFH bag filter housing is an easy to use and economical choice. Typical applications range from pre-filtration for reverse osmosis to filters for washing installations and filters for cooling or heating water.

Features

- Easy to use
- Hinged cover with handle
- Vent ports to ensure optimal filtration is achieved
- Liquid displacement cover: no liquid runs over the side when opening the filter
- Excellent sealing between unfiltered liquid and filtered liquid is achieved by a bag-retainer. The filter bag seals with a plastic flange which tightly fits into the housing

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

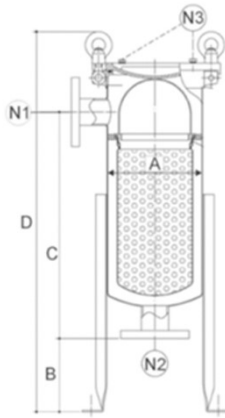
- PED 2014/68/EU: article 4 paragraph 3
- Maximum vapor pressure: < 0.5 bar(g)
- Design pressure: 0 / 10 bar(g)
- Design temperature: 0 / 90 °C
- Recommended maximum differential pressure: 2.5 bar
- Filter housing material available in 304 stainless steel
- Cover closing with hinged eye-bolts
- Available for size 1 and size 2 filter bags
- Side inlet connection
- Bottom outlet connection
- Inlet/outlet connection available with threaded connections or DN50 flanges
- Height adjustable legs
- Standard electro-polish finish
- Support basket in perforated stainless steel
- O-ring material: standard EPDM, other material on-request
- FDA compliant on-request

Customized requirements

We understand that our customer's facing complex processes and environmental requirements. There where a standard filter housing could not be sufficient, our engineers are able to design a custom made filtration solution.

For further information please contact us at www.ama-lfc.com

→ www.ama-lfc.com



Ordering code

Example: AFH-180-A-2-EP

1	Type	=	AFH
2	Dimensions		
	90	=	size 1
	180	=	size 2
3	Material		
	A	=	stainless steel 304
4	Inlet/outlet		
	2	=	Rp2 - ISO7 - 1 (standard)
	2F	=	DN50 acc. EN1092/PN16
5	Finish		
	EP	=	electro-polish finish

Connections

N1:	Inlet
N2:	Outlet
N3:	Vent [2x]

Dimensions*

Size	A Diameter [mm]	B (Adjustable) [mm]	C [mm]	D [mm]
90	216	250	~ 505	~ 939
180	216	250	~ 870	~ 1304

* Dimensions are for reference only. Use dimensional drawing for installation purposes. Subject to technical alteration without prior notice.

SBR20181022

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