

Single bag filter housing AFN

amafilter – LFC Lochem (Filtration Group Process Systems) AFN single bag filter housing is an economical filter housing used in process applications such as waste water treatment and R.O. pre-filtration. Specifically designed to allow the use of standard and special filter bags.

Features

- Easy to use
- Height adjustable legs
- Vent ports to ensure optimal filtration is achieved
- Top feed inlet and bottom outlet
- Excellent sealing due to the double O-ring
- The filter bag seals with a felt-covered Snap-Collar ring or plastic seal

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

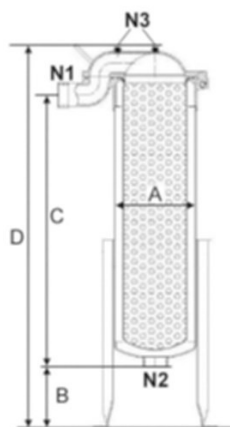
Standard specification

- 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 or 316 stainless steel
- Cover closing with hinged eye-bolts
- Available for size 1 and size 2 filter bags
- Top-feed cover with handle
- Bottom outlet
- 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: AFN-180-A-2-EP

1 Type = AFN

2 Dimensions

90 = size 1

180 = size 2

3 Material

A = stainless steel 304

S = stainless steel 316

AY = stainless steel 304
with stainless steel bolts and nuts

SY = stainless steel 316
with stainless steel bolts and nuts

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]

Dimension*

Size	A Diameter [mm]	B (Adjustable) [mm]	C [mm]	D [mm]
90	216	200	~ 401	~ 776
180	216	200	~ 766	~ 1141

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

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