

Multi cartridge filter housing AFM6-24

amafilter – LFC Lochem (Filtration Group Process Systems) filter housing type AFM 6-24 are industrial cartridge filter housings in stainless steel. Four different sizes are available to suit various flow rates. The AFM cartridge housings are an economical solution for all industrial non-hazardous liquid applications.

Features

- Compact design and easy to use
- Economical choice for filtration of non-hazardous fluids
- Suitable for 6 filter cartridges either with 10", 20", 30" or 40" length
- Available from stock; Filtration Group can supply four standard sizes in stainless steel from stock. These are available with flanged connections.

Filter cartridge

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



Typical application

- Filtration of non-hazardous fluids
- Filtration of (process) water

Standard specification

- According PED 2014/68/EU: article 4 paragraph 3
- Maximum vapor pressure: < 0.5 bar(g)
- Design pressure: 10 bar(g)
- Design temperature: 0 – 90 °C
- Maximum differential pressure design: 2.5 bar
- Maximum differential pressure operating: depending on type of filter cartridge is being used
- Operating temperature: depending on application, filter cartridge and gasket
- Suitable for 6 filter cartridges either with 10", 20", 30" or 40" length
- Flat cover with handle
- Cover closing with hinged eye bolts and eye nuts (galvanised steel)
- Flat bottom (makes this AFM not suitable for pulsating processes)
- Pickled and passivated
- O-ring sealing: standard NBR (Buna-N), other materials on-request

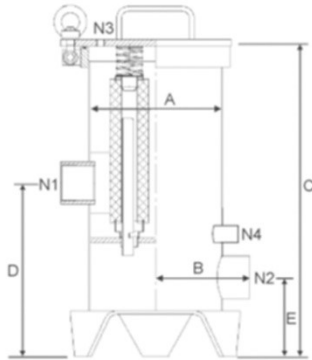
Internal construction design

- Double Open End X0, X4 and X9, tube guides and compression springs are supplied for quick and trouble free installation
- Single Open End, X3 end-cap configuration a compression plate is recommended

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.

→ www.ama-lfc.com



Nozzle specification

N1	Inlet
N2	Outlet
N3	Vent
N4	Dirt drain

Dimensions*

Model	A Diameter [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Volume [dm ³]	Weight [kg]
AFM6	219	156	505	280	130	17	26
AFM12	219	156	765	280	130	26	29
AFM18	219	156	1020	280	130	36	32
AFM24	219	156	1295	280	130	45	35

Minimum height required for change-out cartridges: height C + cartridge length.

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

Ordering information

Example: 1 2 3 4
 AFM6-10T-2

1 Type

AFM6 = 6 cartridge of 10"
AFM12 = 6 cartridge of 20"
AFM18 = 6 cartridge of 30"
AFM24 = 6 cartridge of 40"

2 Cartridge length

1 = 10"
2 = 20"
3 = 30"
4 = 40"

3 Material

T = 316Ti (1.4571)

4 Inlet/outlet

2 = RP2 - ISO7 - 1

2B = Ø52.1x1.5 acc. DIN11850
(Only available for type AFM 24)

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