

Multi cartridge filter housing AFK6-24

amafilter – LFC Lochem (Filtration Group Process Systems) AFK6-24 series are industrial cartridge filter housings in stainless steel. These models are the smaller size models within the AFK range, to suit various flow rates. The AFK cartridge housings are an economical solution for all industrial liquid and gas applications conform to PED 2014/68/EU.

Features

- Compact design
- Ergonomic and easy-to-use cover closure
- Fully drainable filter housing
- Suitable for 6 filter cartridges of 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 fluid

Standard specification

- Design code: AD-2000
- According to PED 2014/68/EU
- Design pressure: -1/ 10 bar(g)
- Design temperature: -10/ 150 °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 with either 10", 20", 30" or 40" length
- Filter housing material: 316 stainless steel
- Flat cover with handle, closing with hinged eye-bolts and eye nuts
- Supported by three legs (fixed)
- Protected surface by pickling and passivation
- O-ring sealing: standard NBR (Buna-N) , other materials on-request

Internal construction design

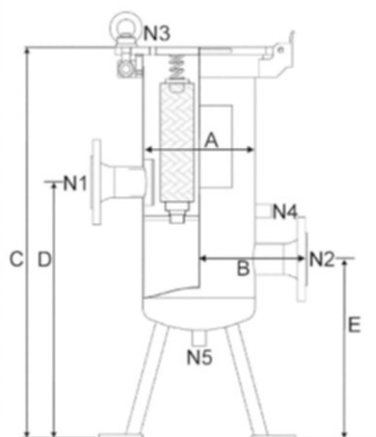
- Double Open End X0, X4 and X9, tube guides and compression springs are supplied for quick and trouble free installation
- Single Open End, X3 end-cap configuration a compression plate is recommended

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.

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

→ www.ama-lfc.com



Nozzle specification

N1	Inlet
N2	Outlet
N3	Vent
N4	Drain (dirt side)
N5	Drain (clean side)

Dimensions*

Model	A Diameter [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Volume [dm³]	Weight [kg]
AFK6	219	210	~750	500	350	19	46
AFK12	219	210	~1010	500	350	28	50
AFK18	219	210	~1265	500	350	38	54
AFK24	219	210	~1540	500	350	47	59

* 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
AFK12-2T-2F

1 Type

AFK6	= 6 cartridges of 10"
AFK12	= 6 cartridges of 20"
AFK18	= 6 cartridges of 30"
AFK24	= 6 cartridges of 40"

2 Cartridge length

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

3 Material

T	= 316Ti (1.4571)
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4 Inlet/outlet

2F	= DN50 acc. EN10921/PN16
2FA	= ASME 150 lbs RF (on request)

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