

Multi cartridge filter housing AFK 30-40

amafilter – LFC Lochem (Filtration Group Process Systems) AFK30-40 series are industrial cartridge filter housings in stainless steel. These models are medium size models in the AFK range, to suit various flow rates. The AFK cartridge housings are an economical solution for all industrial liquid conform to PED 2014/68/EU.

Features

- Compact design
- Ergonomic and easy-to use
- Fully drainable filter housing
- Suitable for 10 filter cartridges of 30" or 40" length
- Protected surface by pickling and passivation

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 10 filter cartridges with either 30" or 40" length
- Filter housing material: 316 stainless steel
- Flat cover with handle and 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

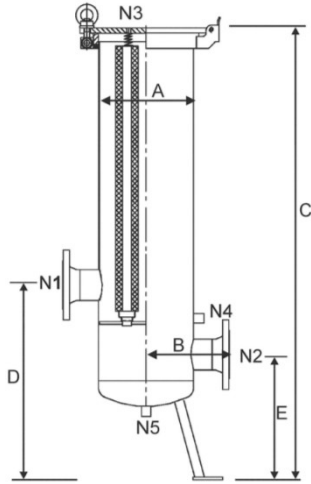
Internal construction design

- 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.

→ www.ama-lfc.com



Ordering information

Example: 1 2 3 4
AFK30-3T-3F

1 Type = AFK30, AFK40

2 Cartridge length

3 = 30"
4 = 40"

3 Material

T = 316Ti (1.4571)

4 Inlet/ outlet

3F = flange DN80 acc. EN10922/PN16 (For AFK30)
4F = flange DN100 acc. EN10922/PN16 (For AFK40)

Nozzle specification

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

Dimensions*

Model	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Volume [dm ³]	Weight [kg]
AFK30	273	240	~1285	560	360	60	~60
AFK40	273	240	~1560	560	360	75	~65

* Dimensions are for reference only. Use dimensional drawing for installation purposes. Subject to technical alteration without prior notice. Height required for changing cartridges is C (Height) plus cartridge length [mm].

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