

Cartridge filter

AFK30-40

1. Introduction

The Filtration Group housings type AFK 30 - 40 are industrial cartridge filter housings in stainless steel. These two models are mid size models in the AFK range, to suit various flow rates. The AFK cartridge housings are an economical solution for all mm industrial liquid and gas applications conform to PED 2014/68/EU category III.



2. Features

- Cover closing with hinged eye bolts and eye nuts (stainless steel)
- Flat cover with hinge and handle
- Fully drainable vessel
- O-ring sealing: standard Buna-N. Other materials on request
- Compact design
- Pickled and passivated
- Suitable for 10 filter cartridges of 30" or 40" length
- Available from stock

3. Standard specifications

Design pressure : -1 / 10 bar(g)
 Design temperature : -10 / 150 °C
 Operating temperature depending on the filter media and gaskets used
 :
 Design : AD-2000 Regelwerk
 Approval : PED 2014/68/EU cat. II/III

Maximum differential pressure

design : 2.5 bar
 operating : depending on type of filter cartridge

The internal construction is designed to suit:

- Double Open End X0, X4 and X9
- Single Open End X3

For use of DOE cartridges, tube guides and compression springs are supplied for quick and trouble free installation. For filter cartridges with X3 end cap configuration a compression plate is recommended.



4. Models

Filtration Group can supply two standard sizes in stainless steel from stock.

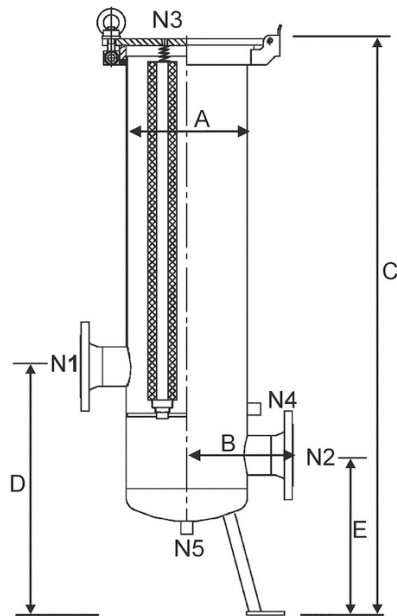
These are available with flanged connections.

Other standard filter housings

We also supply other standard filter housings suitable for all industrial liquid and gas applications for various flow rates.

For more information please contact your representative.

6. Dimensions



5. Filter cartridges

Filtration Group supplies a wide range of filter cartridges in different materials, pore sizes, dimensions and models to fit in amafilter housings as well as those of other manufactures.

For detailed information about filter cartridges, please contact your representative.

Nozzle specification

N1 :	Inlet (DN80 EN1092-1 PN16)
N2 :	Outlet (DN80 EN1092-1 PN16)
N3 :	Vent (Rp $\frac{1}{4}$ - ISO7-1)
N4 :	Dirt drain (Rp $\frac{1}{2}$ - ISO7-1)
N5 :	Clean drain (Rp $\frac{1}{2}$ - ISO7-1)

7. Dimensions

Model	Diameter [mm] A	Standout [mm] B	Height [mm] C	Nozze height [mm] D	Nozze height [mm] E	Volume [dm ³]	Weight [kg]
AFK30	273	240	max. 1285	560	360	60	max. 60
AFK40	273	240	max. 1560	560	360	75	max. 65

8. Ordering code

Example

AFK30	3	T	3F
Type	Cartridge length	Material	Inlet/outlet
AFK30	3 = 30"	T = 316Ti (1.4571)	3F = DN80 acc. EN1092/PN16
AFK40	4 = 40"		