

Cartridge filter

AFK136

1. Introduction

Our housing type AFK 136 is an industrial cartridge filter housing in stainless steel. This model is the largest model in the AFK range, to suit various flow rates.

The AFK cartridge housing is an economical solution for all industrial liquid and gas applications conform to PED 2014/68/EU category IV.



2. Features

- Cover closing with hinged eye bolts and eye nuts (stainless steel)
- Coverlift assembly
- Fully drainable vessel
- O-ring sealing: standard Buna-N. Other materials on request
- Compact design
- Pickled and passivated
- Suitable for 34 filter cartridges of 40" length
- Available from stock or at short notice

3. Standard specifications

Design pressure :	-1 / 12 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. IV

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

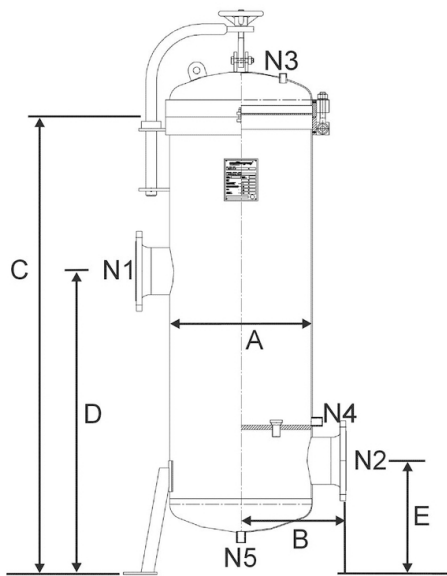
Filtration Group can supply this filter in stainless steel with flanged connections.

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.

Special models to suit customer requirements

Other options of supply and manufacture are non-standard types for higher temperatures, pressures and other materials according to current design codes are available on request.



5. Filter cartridges

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 manufactures.

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

Nozzle specification

N1 :	Inlet (DN150 EN1092-1 PN16)
N2 :	Outlet (DN150 EN1092-1 PN16)
N3 :	Vent (Rp $\frac{1}{2}$ - ISO7-1)
N4 :	Dirt drain (Rp $\frac{3}{4}$ - ISO7-1)
N5 :	Clean drain (Rp $\frac{3}{4}$ - ISO7-1)

6. Dimensions

Model	Diameter [mm] A	Standout [mm] B	Height [mm] C	Nozzle height [mm] D	Nozzle height [mm] E	Volume [dm ³]	Weight [kg]
AFK136	508	375	1630	1080	405	302	330

Height required for changing cartridges is height C plus cartridge length.

Dimensions are for reference only. Use dimensional drawing for installation purposes.

Subject to technical alteration without prior notice.

7. Ordering code

Example

AFK136	4	T	6F
Type	Cartridge length	Material	Inlet/outlet
AFK136	4 = 40"	T = 316Ti(1.4571)	6F = DN150 acc. EN1092/PN16