

Cartridge filter

AFW136

1. Introduction

The housing type AFW 136 is an industrial cartridge filter housing in stainless steel. This model is the largest model in the classic AFW range, to suit various flow rates. The AFW 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 hexagonal nuts (galvanised steel)
- Coverlift assembly
- Fully drainable vessel
- O-ring sealing: standard Buna-N. Other materials on request
- Compact design
- 15 bar(g) design pressure
- Pickled and passivated
- Suitable for 34 filter cartridges of 40" length
- Available from stock or at short notice

3. Standard specifications

Design pressure : -1 / 15 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 BV can supply this filter in stainless steel with flanged connections.

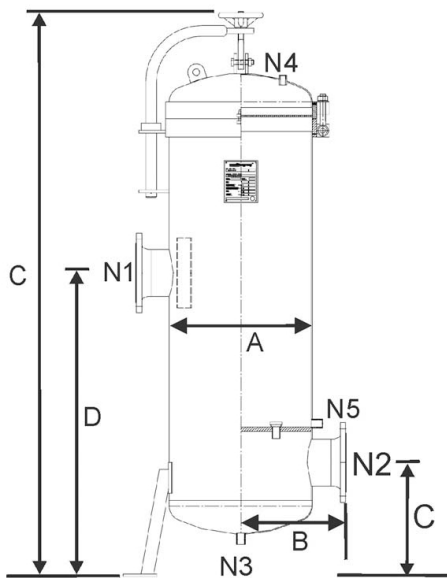
Other standard filter housings

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.

6. Dimensions



Nozzle specification

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

Model	Diameter [mm] A	Standout [mm] B	Height [mm] C	Nozzle height [mm] D	Nozzle height [mm] E	Volume [dm ³]	Weight [kg]
AFW136	508	375	2014	1060	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

AFW136

4

T

6F

Cartridge length

4 = 40"

Material

T = 316Ti(1.4571)

Inlet/outlet

6F = DN150 acc. EN1092/PN16