

DS Stainless steel Filter Housings

For general industrial application



Description

DS-1-A(D)-/P filter housing is designed for single cartridge of 250, 500, 750 and 1000 mm height with adapter 44.5 mm (for the element of 250 mm height) or 56 mm (for elements of 500, 750 and 1000 mm height).

Filter housings are made of AISI 304 stainless steel with polished inner and outer surface; they are fully complete (pressure gauge, drain valves) and ready for operation.

Technical Specifications

Materials

Case, connections, branches AISI 304 stainless steel

O-rings EPDM

Surface treatment type

Inner surface contacting with the media Ra <0.8

Outer surface Ra <0.4

Connections

Inlet-outlet coupling for welding (DN 20)

Air valve G1/2" thread

Cartridge adapter 44.5 (code A) for the element of 250 mm height
adapter 56 mm (code D, D1) for the element of 500, 750, 1000 mm height

Installation on 4 supporting mini feet

Max. operating temperature Depends on operating temperature conditions of the filter cartridges and sealing materials but should not exceed 95 °C provided that precautions to avoid contact of the personnel with heated parts of the filter housing are observed

Max. operating pressure 0.6 MPa (6 bar)

Sterilization by inline steam at 121-145 °C, autoclaving

Dimensions, weight

- DS-1-A(D)-250P 217 x 130 x 438 mm, 4,2 kg
- DS-1-D-500P 217 x 130 x 683 mm, 6 kg
- DS-1-D-750P 217 x 130 x 933 mm, 7,3 kg
- DS-1-D-1000P 217 x 130 x 1177 mm, 8,7 kg

Ordering information

DS	1	D	500	M	316
Brand	Number of Filter Cartridges	Cartridge adapter code	Cartridge height	Design type	Steel brand
	1	D D1 A A1	250 mm 500 mm 750 mm 1000 mm	M – sanitary design P – general industrial design	only for AISI 316L steel filter housings