

Candle-Filter TYPE DELTA-KF-1 for one filter element

The DELTA-KF1 is a logic, cost-efficient and environmental-protecting way of filtration. DELTA-KF1 is the trade name of DELTAFILTER Filtrationssysteme GmbH.

- Cartridge filters for industrial application in liquid, air and gas filtration
- Universal application through the use of various filter inserts
- Fast and simple filter element replacement
- Quick-fastening housing through union nut
- Filter head dimensionally accurate having been produced from solid material
- Filter head with large, angular sealing surfaces at inlet and outlet for connecting flat sealing screws
- Highly-polished filter sump exterior
- Inline design enabling simple retrofit to existing pipes
- High flow rate
- Various designs possible (see also options and additional equipment)



TECHNICAL DATA:

Materials:	stainless steel 1.4301 or 1.4571 (filter head), stainless steel 1.4571 (filter sump and guide rod), stainless steel 1.4301 (union nut)
Max. allowable pressure:	25 bar or as per requirement
Max. allowable temperature:	200°C or as per requirement
Housing seal:	O-ring of FPM or as per requirement
Filter inserts:	Plastic, stainless steel etc.

OPTIONS AND ADDITIONAL EQUIPMENT:

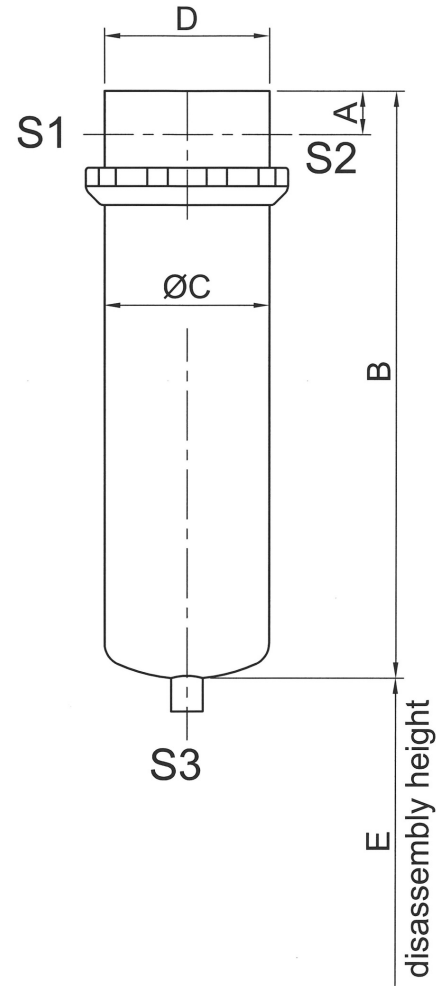
High-pressure version, heating jacket, special materials, drain ball valve, vent valve, differential pressure indicator, retaining clamp, assembly wrench

Industrial applications include:

Automotive industry, chemical industry, electronics industry, dye and paint industry, semi-conductor industry, clarification plant operators, cosmetic industry, plastics industry, food and drink industry, metal industry, mineral oil industry, optics industry, paper industry, pharmaceutical industry, steel industry, water utility etc.

Description

Three-part filter system for the filtration of liquids and gases. The housing consists of a cylindrical filter sump with a highly-polished exterior and a filter head made of solid material. The filter sump is fastened to the filter head by an union nut, which allows fast and simple filter replacement. The housing is sealed by an O-ring. The inlet and outlet have opposing positions on the same height (inline design). The system is drained through the filter sump at the bottom. This filter system of DELTAFILTER Filtrationssysteme GmbH is highly robust and designed for extreme operating conditions. The use of various filter inserts enables this filter housing to be used anywhere and offers the owner numerous benefits.



Type	KF-1-1-3/4	KF-1-1-1	KF-1-2-3/4	KF-1-2-1
inlet S1	3/4" BSP	1" BSP	3/4" BSP	1" BSP
outlet S2	3/4" BSP	1" BSP	3/4" BSP	1" BSP
drain S3	3/8" BSP	3/8" BSP	3/8" BSP	3/8" BSP
dimension A in mm	28	28	28	28
dimension B in mm	330	330	578	578
dimension C in mm	Ø88	Ø88	Ø88	Ø88
dimension D in mm	88	88	88	88
dimension E in mm	260	260	510	510
length of the filter element	9 3/4" / 10"	9 3/4" / 10"	19 1/2" / 20"	19 1/2" / 20"
weight (empty) in kg	4.0	4.0	4.7	4.7

Diagrams, dimensions and weights are reference values only.

Candle filters can also be made in special designs or using alternative materials!

We will prepare a detailed quotation for the individual types on request.