

# Cartridge filter housing KFE-FD-3 and KFE-FD-6



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All KFE-FD filter housings are made completely out of stainless steel and can hold filter elements of different lengths (10", 20", 30" or 40").

The filter elements are held in place by a center rod and then fixed by a pressure plate. Filter elements with DOE-adaptor as well as Code 3-adaptor may be used.

The housing consists of two parts:

- Lower part with adapters for elements
- Upper part (Lid)

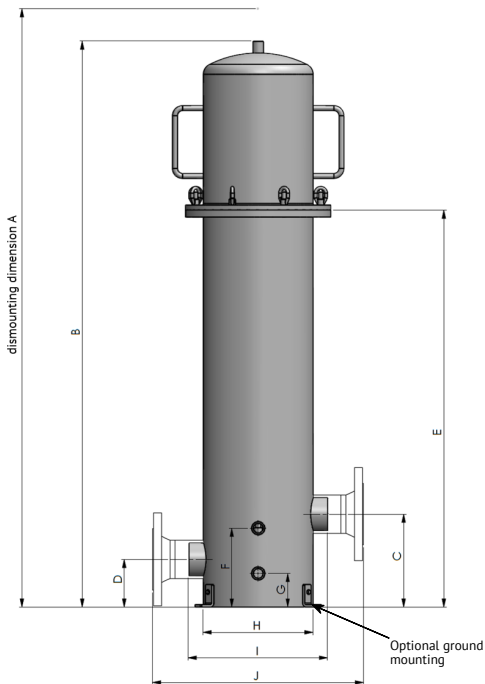
The upper housing part is available in different lengths, therefore a higher variability is achieved (eg. in case of flowrate changes). By exchanging the lid, different lengths of filter elements can be used in the same housing.

Furthermore the new design allows easy access to the filter elements and therefore trouble-free handling of the filter elements.

The different connections and housing sizes offer a broad variability and thereby different industrial filtration applications can be covered.

### Available accessories

- Ground mounting
- Differential pressure gauge
- Vent- and drain valve



| Type        | A    | B    | C   | D  | E   | F   | G  | H   | I   | J   |
|-------------|------|------|-----|----|-----|-----|----|-----|-----|-----|
| KFE-FD-3-10 | 610  | 578  |     |    |     |     |    |     |     |     |
| KFE-FD-3-20 | 1120 | 827  | 175 |    | 533 | 147 |    | 168 | 218 | 365 |
| KFE-FD-3-30 | 1660 | 1087 |     | 95 |     |     | 67 |     |     |     |
| KFE-FD-6-20 | 900  | 867  |     |    |     |     |    |     |     |     |
| KFE-FD-6-30 | 1410 | 1116 | 185 |    | 790 | 157 |    | 219 | 278 | 420 |
| KFE-FD-6-40 | 1950 | 1374 |     |    |     |     |    |     |     |     |

### Technical data

|   |  |
|---|--|
| Material:   | <b>KFE-FD-3</b>  |
|   | V2A: Stainless steel 1.4541 / 1.4301<br>V4A: Stainless steel 1.4571 / 1.4404           |
| Surface:  | <b>KFE-FD-6</b>  |
|   | V4A: Stainless steel 1.4571 / 1.4404   |
| Working pressure:   | Pickled  |
| Working temperature:  | Max. 10 bar at 80 °C   |
| In-/Outlet:   | 80 °C (Higher temperatures possible with other gasket materials)                       |
|   | <b>KFE-FD-3</b>  |
| Drain:  | Flange DN50 PN16 acc. to DIN 1092-1 or female thread 1 1/2" acc. to DIN ISO 228 G/BSPP |
|   | <b>KFE-FD-6</b>  |
| Vent:   | Flange DN65 PN16 acc. to DIN 1092-1 or female thread 2" acc. to DIN ISO 228 G/BSPP     |
| Adapter:  | Female thread 1/2" nach DIN ISO 228 G/BSPP   |
| Gasket:   | Female thread 3/8" nach DIN ISO 228 G/BSPP   |
| Manufactured acc. to the pressure equipment directive (2014/68/EU) Art. 4, Par. 3 |  |

### Order information

|                          |                          |                    |            |           |
|--------------------------|--------------------------|--------------------|------------|-----------|
| KFE-FD-                  | -                        | -                  | -          | -         |
| Number of filterelements | Length of filterelements | Material           | Connection | Adapter   |
| 3                        | 10" <sup>1</sup>         | S V2A <sup>1</sup> | KFE-FD-3   | DOE       |
| 6                        | 20"                      | F V4A              | 1 1/2" IG  | C3 Code 3 |
|                          | 30"                      |                    | DN50       |           |
|                          | 40" <sup>2</sup>         |                    | 2" IG      |           |
|                          |                          |                    | DN65       |           |

Order example: KFE-FD-3-20-F-1 1/2"IG-C3

<sup>1</sup>only with KFE-FD-3; <sup>2</sup>only with KFE-FD-6