

# Activated carbon filters

## ACF



### For the adsorption of gaseous odorous substances and contaminants

To improve the indoor air quality in offices, hotels, and airports

- Available with different carbon types for various areas of application and operating conditions
- Compact depth construction
- Fitting into ducted particulate filters (types KSF, KSFS) and duct casings for particulate filters (type DCA)

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## General information

### Application

- Filter cell for the adsorption of gaseous odorous substances and contaminants as well as hydrocarbons or traces of inorganic compounds from the supply and recirculated air

### Special features

- Upon request, filter cells can be provided with impregnated carbon types: for special applications and operating conditions, e.g. for the adsorption of sulphur and chlorine compounds

### Nominal sizes

- B × H × T [mm]

### Useful additions

- Ducted particulate filter, available as one unit (KSF, KSFS) or as a filter unit system (KSFSSP)
- Duct casing for particulate filters (DCA)

### Construction features

- Flat seal as standard

### Materials and surfaces

- Activated carbon on carrier material
- Frame made of MDF

**Technical data**

Parameter	Value
Differential pressure at nominal volume flow rate [Pa]	55
Max. operating temperature [°C]	50
Maximum relative humidity [%]	70

## Specification text

This specification text describes the general properties of the product. Texts for variants can be generated with our Easy Product Finder design programme.

### Specification text

Activated carbon filter cells for the adsorption of gaseous odorous substances and contaminants as well as hydrocarbons or traces of inorganic compounds from the supply and recirculated air.

Compact depth construction.

Activated carbon filter cells are available in standard sizes.

Flat seal as standard.

### Special features

- Upon request, filter cells can be provided with impregnated carbon types: for special applications and operating

conditions, e.g. for the adsorption of sulphur and chlorine compounds

### Materials and surfaces

- Activated carbon on carrier material
- Frame made of MDF

### Sizing data

- Noxious gas
- Volume flow rate [m<sup>3</sup>/h]
- Contact time [s]
- Differential pressure [Pa]
- Nominal size [mm]



Order code

ACF – MDF / 610 × 610 × 292 / FNU  
|        |        |        |  
1        2        3        4

**1 Type**

**ACF** Activated carbon filter cell.

**2 Construction**

**MDF** Frame medium density fibreboard

**3 Nominal size [mm]**

B × H × T

**4 Seal**

No entry required: None

**FNU** Flat seal on the upstream side

**ACF/610×610×292/FNU**

Nominal size

610 × 610 × 292 mm

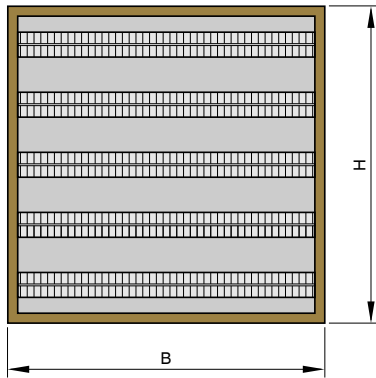
Seal

Flat seal on the upstream side

## Dimensions

ACF/...

ACF/...



### Product specific data

Nominal size			Nominal volume flow rate		Differential pressure	Weight
B	H	T	qv [l/s]	qv [m³/h]	Pa	kg
305	610	292	280	1000	55	25
610	610	292	560	2000	55	30

The unit of measurement millimetres [mm] applies to all length specifications without an illustrated unit of measurement.