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**ACTIVATED CARBON  
FILTER CELL TYPE ACF**

## 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)

## Application



### 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 characteristics

- 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 × D [mm]

## Description



### 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

## TEKNISK INFORMATION

TECHNICAL DATA, QUICK SIZING, Specification text, Order code, Related products



Parameter	Value
Differential pressure at nominal volume flow rate [Pa]	45
Max. operating temperature [°C]	50
Maximum relative humidity [%]	70

**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 characteristics**

- 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 compound

**Materials and surfaces**

- Activated carbon sticks
- Frame made of MDF

**Sizing data**

- Noxious gas
- Volume flow rate [m³/h]
- Differential pressure [Pa]
- Nominal size [mm]

ACF – MDF / 610 × 610 × 292 / FNU  
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 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: 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

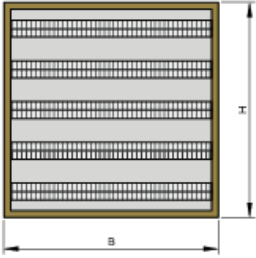
## Dimensions



①			②		③	④
B [mm]	H [mm]	T [mm]	qv [l/s]	qv [m³/h]	Pa	kg
305	610	292	280	1000	45	25
610	610	292	560	2000	45	30

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ACF/...



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