



**ACTIVATED CARBON
FILTER CELL TYPE ACF**

TYPE 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

TECHNICAL 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
 | | | |
 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

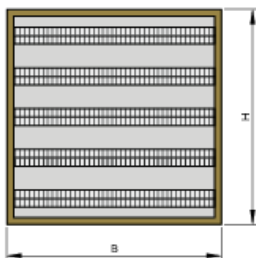
Seal Flat seal on the upstream side

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

ACF/...



ACF/...



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