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)

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 INFORMATION

Technical data, Specification text, Order code

Parameter	Value
Differential pressure at nominal volume flow rate [Pa]	55
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 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 [m³/h]
- Contact time [s]
- 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 required: None
FNU Flat seal on the upstream side

Dimensions

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.

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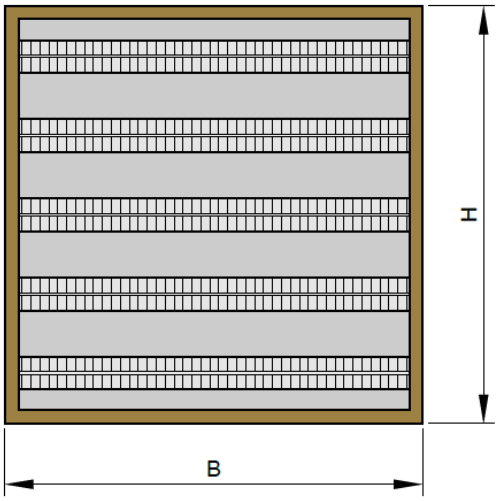

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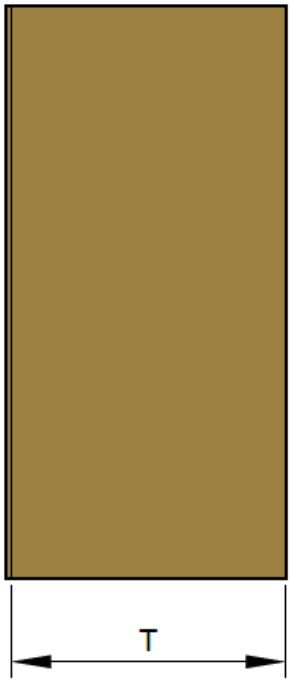
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