

DFBP POCKET FILTERBOX

AIR MANAGEMENT SYSTEMS

PRODUCT PROPERTIES

The pocket filter box **DFBP** is appropriate for fitting into a circular duct system.

CONSTRUCTION

The pockets of the filter are fitted into a frame of galvanized steel. They have been reinforced by steel wire to ensure a maximum use of the filter area. The cover is fixed to the casing by simple clamps. This enables an easy access to the filter, without using any tools. To support the sealing of the connection with the duct, the filter has been fitted with T-shape rubber. For product series and nominal dimensions, conform to DIN 24145, see the tables.

POCKET FILTER (DFBPSF)

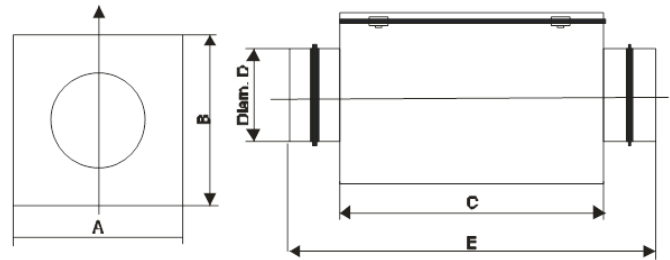
The pockets of the filters are fitted into a frame of galvanized steel. They have been reinforced by steel wire to ensure a maximum use of the filter area.

Filtration class :G4, other classes on request
 Particle separation rate :90%
 Max. temperature :100°C
 Material :synthetic non-woven cloth
 Cleaning :dry mechanic way e.g. by vacuum cleaner

Cleaning/exchange interval:
 when the pressure loss is twice the clean filter value

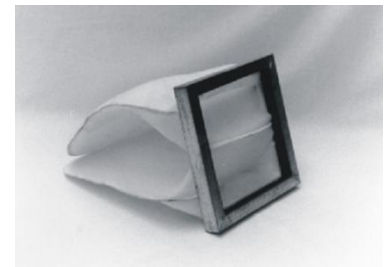
INSTALLATION

The air filter has to be installed in the duct systems before the fan and the heat exchangers. It is necessary to keep the air flow direction (marked on the casing) and to leave enough access to the filter for cleaning and exchange purposes.

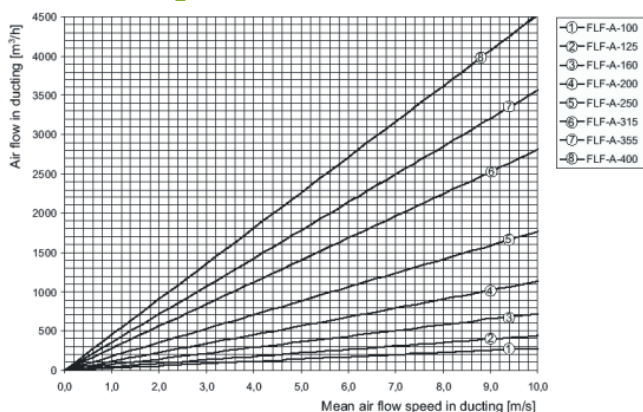


Type	ØD (mm)	A (mm)	B (mm)	C (mm)	E (mm)	Weight (kg)
DFBP100	100	204	204	400	480	3.5
DFBP125	125	204	204	400	480	3.5
DFBP160	160	294	295	400	480	4.3
DFBP200	200	294	295	400	480	4.3
DFBP250	250	424	385	480	600	5.2
DFBP315	315	424	385	480	600	5.2
DFBP355	355	504	505	600	720	6.6
DFBP400	400	504	505	600	720	6.6

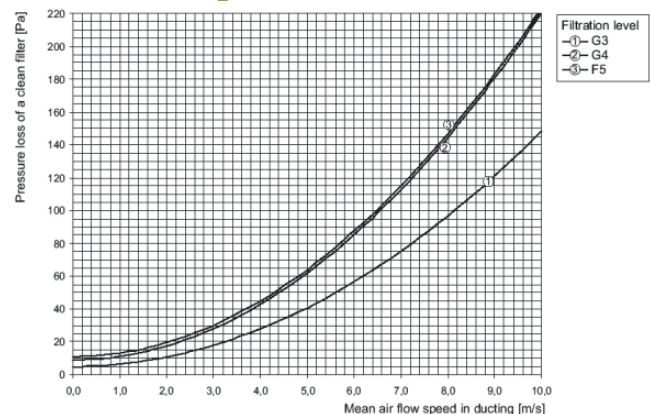
Spare pocket filter	
Type	Dimensions (mm)
DFBPSF100	198x198x340
DFBPSF125	198x198x340
DFBPSF160	288x288x340
DFBPSF200	288x288x340
DFBPSF250	418x387x440
DFBPSF315	418x387x440
DFBPSF355	498x498x540
DFBPSF400	498x498x540



Conversion diagram airflow



Pressure loss diagram



LIABILITY:

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PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

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