

F8

Flat filter cells for fan coil units



Product

F8

Material

Galvanized sheet metal with protective mesh

Filter media

Polyester fibres

SPECIFICATIONS

Flat filter cells, model F8, consisting of a robust galvanized sheet metal frame with galvanized protection mesh enclosing a polyester fibre filter media.

FUNCTIONS

Filtration and pre-filtration of filters with higher efficiency.

APPLICATIONS

Civil and industrial ventilation and air conditioning systems, air handling units, pre-filtration and separation of coarse and fine dust, fan coil units.

TECHNICAL FEATURES

Filter material	Polyester fibres
Regenerability	Yes
Flame behaviour	DIN 53438 F1
Class EN 779 / ISO 16890	G2 / ISO coarse 30%
Thickness (mm)	3, 5, 10, 12
Initial pressure drop (Pa)	10
Recommended final pressure drop (Pa)	50
Limit temperature value (°C)	100
Recommended face velocity (m/s)	1,5
Relative humidity (%)	100
Available dimensions (mm)	From 100x100 to 1500x1000



PERFORMANCE

Front dimensions (mm)	Air flow rate (m ³ /h)				
	Air velocity (m/s)				
	0,5	1	1,5	2	2,5
287 x 592	310	615	920	1225	1530
400 x 400	290	580	870	1150	1440
400 x 500	360	720	1080	1440	1800
400 x 625	450	900	1350	1800	2250
490 x 592	525	1045	1570	2090	2615
500 x 500	450	900	1350	1800	2250
500 x 625	565	1125	1690	2250	2815
592 x 592	635	1265	1895	2525	3155

INSTALLATION

FP filter media installation is carried out within suitable galvanized steel sheet frames. The media can be arranged flat or corrugated to increase the filter surface area for the same front surface.

MAINTENANCE

The filter must be regenerated or replaced when the recommended final pressure drop is reached or at the maximum indicated limit. This model has limited regenerability.

DISPOSAL

F8 filters are built with inert materials that, if not contaminated by toxic-harmful substances from use, can be disposed of as municipal solid waste.