

Pleated filter plan with activated carbon

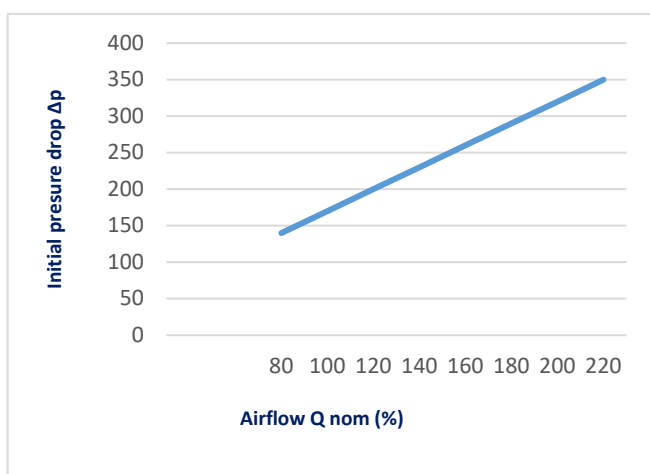
Fine filtration



General information: Pleated filters plan can be used both on the coarse filtration and the fine filtration. Z-line technology used to produce them provide a high performance filter, by placing equidistant folds, which allow uniform airflow retrieving and loading homogeneous across the entire filter.

Application

Pre-filtration and air purification in domestic and technical applications, it is serves to absorb gaseous pollution and odours.



Type: Pleated filter plan

Frame: galvanized sheet with a thickness of 30, 48, 95 si 150 mm

Material type: Activated carbon media filter

Classification EN 779:2012: F7

Colorimetric efficiency: 80%

Initial pressure drop: 85 Pa

Final pressure drop (recommended): 450 Pa

Maxim airflow: 1,25 x nominal airflow

Airspeed: 0,45 m/s

Temperature: Maxim 90°C in continuous operation mode

Humidity: Maxim 90%

Fire resistance class: F1/K1 in accord with DIN 53438

Observation: Available with cardboard frame

Filter stage: I, II

Packing: cardboard box

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Classification EN 779:2012	Dimension (Wight x Height x Depth) (mm)	Filtering surface (m ²)	Airflow (m ³ /h)	Pressure drop	
				Initial (Pa)	Final (Pa)
F7	287 x 592 x 20	0.30	175	90	450
F7	490 x 592 x 20	0.45	280	90	450
F7	592 x 592 x 20	0.60	350	90	450
F7	287 x 592 x 48	0.30	175	120	450
F7	490 x 592 x 48	0.45	280	120	450
F7	592 x 592 x 48	0.60	350	120	450
F7	287 x 592 x 48	0.65	1000	50	450
F7	490 x 592 x 48	0.90	1700	50	450
F7	592 x 592 x 48	1.20	2000	50	450
F7	287 x 592 x 98	1.00	1000	40	450
F7	490 x 592 x 98	1.80	1700	40	450
F7	592 x 592 x 98	2.00	2000	40	450

Other dimension: in any configuration limit 1250 mm x 3000 mm

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