



Panel filter ePM10 50% (M5) Z-line

The ePM10 50% Z-line panel filter is designed to capture 50% of particles as small as 10 microns. Its Z-line pleated design increases the filter area, providing greater dust-holding capacity and improved performance in commercial and industrial HVAC systems. This durable, cost-effective filter ensures reliable air filtration and extends the life of downstream components.

TECHNICAL INFO

Classification (EN ISO 16890)	ePM10 50%
Classification (EN 779)	M5
Frame type	Plastic, metal, cardboard, synthetic
Type of medium	Synthetic
Nominal thickness	6 mm
Surface weight approx.	130 g/m ²
Tested net effective filtering area	1,2 m ²
Nominal air flow	2000 m ³ /h
Initial pressure drop	57 Pa
Max. operation temperature	100 °C
Max. operation moisture (rel. humidity)	100%
Classification of flammability	DIN 53438 F1/F1/K1



Article no.	Width mm	Height mm	Depth mm	Flow rate m ³ /h	Pressure Drop Pa	Filter Surface area m ²
6/5/2159259225	592	592	25	2100	76	0,47
6/5/2159228725	592	287	25	1000	76	0,23
6/5/2149059225	490	592	25	1500	76	0,39
6/5/2149049025	490	490	25	1500	76	0,32

Article no.	Width mm	Height mm	Depth mm	Flow rate m ³ /h	Pressure Drop Pa	Filter Surface area m ²
6/5/2159259248	592	592	48	2100	57	1,00
6/5/2159228748	592	287	48	1000	57	0,49
6/5/2149059248	490	592	48	1500	57	0,83
6/5/2149049048	490	490	48	1500	57	0,69

Article no.	Width mm	Height mm	Depth mm	Flow rate m ³ /h	Pressure Drop Pa	Filter Surface area m ²
6/5/2159259298	592	592	98	2100	49	1,87
6/5/2159228798	592	287	98	1000	49	0,91
6/5/2149059298	490	592	98	1500	49	1,55
6/5/2149049098	490	490	98	1500	49	1,28

Please ask for other desired dimensions and designs.