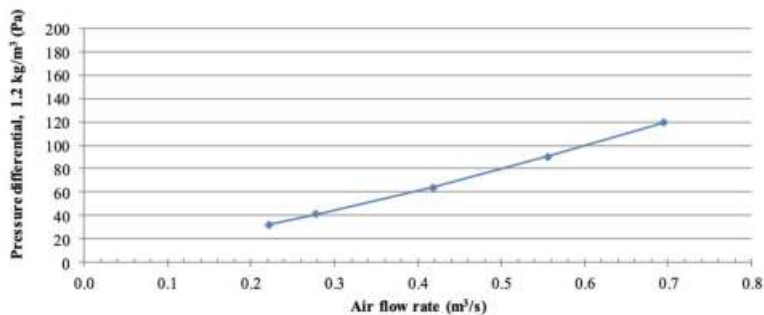


Panel filter ePM1 55% (F7)

The ePM1 55% panel filter captures 55% of fine particles down to 1 micron, providing effective filtration for commercial and industrial HVAC systems. Its robust design ensures reliable performance and a long service life, making it an ideal choice for improving air quality in demanding environments.

TECHNICAL INFO

Classification (EN ISO 16890)	ePM1 55%
Classification (EN 779)	F7
Frame type	Plastic, metal, cardboard, synthetic
Type of medium	Synthetic
Surface weight approx.	70 g/m ²
Tested net effective filtering area	5,4 m ²
Nominal air flow	2000 m ³ /h
Initial pressure drop	90 Pa
Max. operation temperature	100 °C
Max. operation moisture (rel. humidity)	100%
Classification of flammability	DIN 53438 F1/F1/K1



Pressure differential as a function of the air flow rate (clean filter) (ISO 16890-2)



Article no.	Width mm	Height mm	Depth mm	Flow rate m ³ /h	Pressure Drop Pa	Filter Surface area m ²
6/2/52159259225	592	592	25	2100	138	3,6
6/2/52159228725	592	287	25	1000	138	1,8
6/2/52149059225	490	592	25	1500	138	3,0
6/2/52149049025	490	490	25	1500	138	2,5

Article no.	Width mm	Height mm	Depth mm	Flow rate m ³ /h	Pressure Drop Pa	Filter Surface area m ²
6/2/52159259248	592	592	48	2100	90	5,4
6/2/52159228748	592	287	48	1000	90	2,6
6/2/52149059248	490	592	48	1500	90	4,5
6/2/52149049048	490	490	48	1500	90	3,7

Article no.	Width mm	Height mm	Depth mm	Flow rate m ³ /h	Pressure Drop Pa	Filter Surface area m ²
6/2/52159259298	592	592	98	2100	79	8,4
6/2/52159228798	592	287	98	1000	79	4,1
6/2/52149059298	490	592	98	1500	79	7,0
6/2/52149049098	490	490	98	1500	79	5,8

Please ask for other desired dimensions and designs.