

Airpanel Eco S

Long-life filter panels

Product Range



Applications



Filter Class

M

ePM10



KEY FACTS

- Large filter surface area
- Excellent energy efficiency performance
- Self-stable, synthetic filter medium
- No fiber shedding
- Long service life from a high dust holding capacity

DESIGN

Self-supporting pleated synthetic media. Pleats are affixed with extruded hotmelt to ensure optimum spacing and stability.

APPLICATIONS

Prefiltration or primary filtration for all HVAC systems.



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PERFORMANCE DATA

Filter Class		Dimensions	Flow Rate	Pressure Drop	Energy Consumption	Energy Class
ISO 16890	EN 779	mm	m ³ /h	Pa	kWh/year	Eurovent 2019
ePM10 50%	M5	287 x 592 x 48	1700	95	-	E
ePM10 50%	M5	490 x 592 x 48	2800	95	-	E
ePM10 50%	M5	592 x 592 x 48	2000	30	> 1100	E
			3400	95		
ePM10 50%	M5	287 x 592 x 96	1700	60	-	D
ePM10 50%	M5	490 x 592 x 96	2800	60	-	D
ePM10 50%	M5	592 x 592 x 96	2800	38	942	D
			3400	60		

SPECIFICATION

Recommended air flow	< 5000 m ³ /h	Rec. final pressure for efficient energy use acc. to EN 13053	Lowest value of initial pressure drop + 50 Pa, or initial pressure drop x 3
Heat resistance	Max. 80 °C	Moisture resistance	100 % rel. humidity
Regenerable	No	Incinerable	Yes
Fire Classification	E d0 according to EN 13501-1:2010		

OPTIONS

Frame depth	45, 48, 78 or 96 mm
Frame material	Plastic or galvanized steel