

Aircube Deeppleat Pro Paint

Product Range



Features



Applications



Filter Class

ePM1



KEY FACTS

- Operates in temperatures up to 500 °C
- Large filter area up to 10 m²
- Compact dimensions
- Long service life
- Silicon free

DESIGN

Hot-dip galvanized steel frame with grills to front and rear faces. Pleat pack is separated by aluminum spacers and sealed in place using a microglass filter media. Glass rope gasket is applied to the rear of the header without the use of glues or chemicals for extremely high temperature resistance.

APPLICATIONS

For industrial environments with both high temperatures and high flow rates, such as paint-finishing applications in the automobile industry.



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PERFORMANCE DATA

Filter Class	Dimensions	Flow Rate	Pressure Drop	Energy Consumption	Energy Class
ISO 16890	mm	m ³ /h	Pa	kWh/year	Eurovent 2019
ePM1 50%	287 x 592 x 270	1700	190		
ePM1 50%	592 x 592 x 270	3400	190	2379	E

SPECIFICATION

Recommended air flow	Flow rate \pm 10 %	Recommended final pressure drop	450 Pa
Heat resistance	275 °C (up to 500 °C for < 30 mins)	Moisture resistance	100 % rel. humidity
Regenerable	No	Incinerable	No