

Airsquare Select Flange

Product Range



Applications



Filter Class

M

F

ePM10

ePM1



KEY FACTS

- Microglass fiber paper – no fiber loss or shedding
- Mini-pleats provide a large filter area
- Lightweight for easy handling
- Fully incinerable for simple environmentally-friendly disposal

DESIGN

Mini-pleated, microglass media in a robust plastic frame. Hotmelt separators ensure an even air flow across the filter area and the hollow profile frame minimizes weight.

APPLICATIONS

Ideal for use in general air conditioning systems where space is restricted or a rigid filter construction is required to combat turbulence, variable flow rates or vibrations.



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PERFORMANCE DATA

Filter Class		Dimensions	Flow Rate	Pressure Drop
ISO 16890	EN 779	mm	m ³ /h	Pa
ePM10 55%	M5	592 x 592 x 100	2900	55
ePM10 75%	M6	592 x 592 x 100	2900	85
ePM1 55%	F7	592 x 592 x 100	2900	110
ePM1 80%	F9	592 x 592 x 100	2900	170

SPECIFICATION

Recommended air flow	Flow rate \pm 10 %	Rec. final pressure for efficient energy use acc. to EN 13053	Lowest value of initial pressure drop + 100 Pa, or initial pressure drop x 3
Heat resistance	Max. 70 °C	Moisture resistance	100 % rel. humidity
Regenerable	No	Incinerable	Yes

OPTIONS

Gasket	EPDM or polyurethane foam gasket
Header Depth	25 mm