

Airsquare Select Mini-pleated filter

Product Range



Applications



Filter Class

M

F

ePM10

ePM1



KEY FACTS

- Large filter area with low installation depth
- Stable compact design
- Lightweight

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 as pre or main filtration in HVAC systems where space is limited.



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PERFORMANCE DATA

Article No.	Filter Class		Dimensions	Flow Rate	Pressure Drop
	ISO 16890	EN 779	mm	m ³ /h	Pa
800420064943	ePM10 55%	M5	592 x 592 x 48	2000	30
				2900	50
800420000954	ePM10 75%	M6	592 x 592 x 48	2000	55
				2900	90
800420001064	ePM1 55%	F7	592 x 592 x 48	2000	90
				2900	120
800420001696	ePM1 80%	F9	592 x 592 x 48	2000	145
				2900	210
800420058812	ePM10 55%	M5	592 x 592 x 96	2900	50
800420000942	ePM10 75%	M6	592 x 592 x 96	2900	85
800420001055	ePM1 55%	F7	592 x 592 x 96	2900	110
800420001694	ePM1 80%	F9	592 x 592 x 96	2900	170

Performance data is for products with a plastic frame, no gasket and no grid. Alternative options are outlined below.

SPECIFICATION

Recommended air flow	Flow rate \pm 20 %	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

Frame	Standard: plastic frame. Optional: cardboard, galvanized steel or stainless steel
Gasket	Foamed polyurethane continuous gasket or EPDM flat gasket
Grid	Plastic grid, one or two-sided