

Aircube EF S 4V

For the lowest possible energy consumption

Product Range



Applications



Filter Class

F

ePM1



KEY FACTS

- Optimized for low energy consumption
- Long lifetime
- Stable and lightweight construction
- Tested E d0 according to EN 13501-1:2010

DESIGN

Compact filter with a high-tech nanofiber-based media. The 4V design is made from robust plastic for a light weight but stable construction. An integrated handle enables ease of transportation and installation.

APPLICATIONS

Ideal for use as either the pre- or main filtration stage in all types of HVAC systems – particularly where a low pressure drop and low energy consumption are important.

Aircube EF S 4V

For the lowest possible energy consumption

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
ePM1 55%	F7	592 x 592 x 292	3400	57	767	A+
			4250	85		
ePM1 55%	F7	592 x 490 x 292	2800	57		A+
ePM1 55%	F7	592 x 402 x 292	2200	57		A+
ePM1 55%	F7	592 x 287 x 292	1700	57		A+

Performance data is for products with a plastic frame, 25 mm header and no gasket. Alternative options are outlined below.

SPECIFICATION

Recommended air flow	< 5000 m ³ /h	Rec. final pressure for efficient energy use acc. to EN 13053	Initial pressure drop x 2 (Max 450 Pa)
Heat resistance	Max. 70 °C	Moisture resistance	80 % rel. humidity
Regenerable	No	Incinerable	Yes
Fire Classification	E d0 according to EN 13501-1:2010		

OPTIONS

Header depth	25 mm or 20 mm
Gasket	Continuous polyurethane on 1 or 2 sides
Frame material	Plastic