

AstroCel[®] III 4000

HIGH EFFICIENCY PARTICULATE AIR FILTERS

Features and Benefits

- EN1822: E12, H13 and H14
- 4000 m³/h air volume saves space
- Low energy consumption

Applications

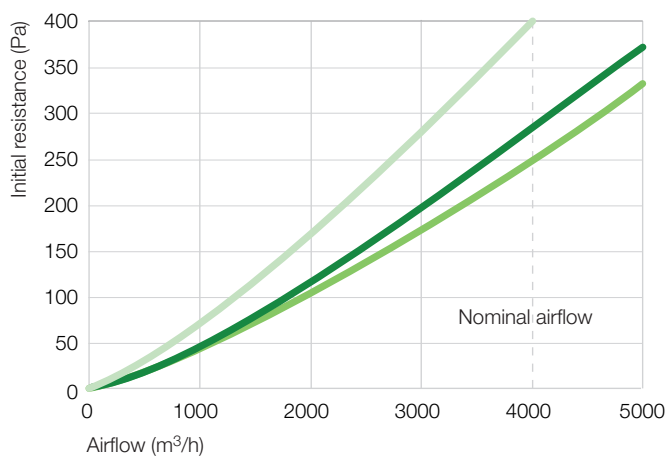
Final filtration in central air handling systems and industrial installations, areas in which hazardous materials are being handled.



Configurations

Filter media	Glass fibre, water resistant
Separator	Thermoplastic
Frame material	Galvanized steel
Gasket	Polyurethane foam
Max. Operating Temperature	70 °C
Recom. final pressure drop	Subject to optimization of lifecycle costs, max 450 Pa
Recom. airflow range	75% - 125% (of nominal airflow)
Moisture resistance	100% relative humidity

Airflow versus operating resistance



AstroCel III 4000 - H14 610x610x292 / H13 610x610x292
/ E12 610x610x292

AstroCel® III 4000

Product information

Product Name	Filter Classification	Dimensions (mm)			Nominal airflow		Face velocity	Filter medium surface	Initial resistance
		W	H	D	m³/h	m³/s	(m/s)	(m²)	(Pa)
AstroCel III 4000	E12	610	610	292	4000	1,1	3,0	34,1	250
AstroCel III 4000	H13	610	610	292	4000	1,1	3,0	34,1	285
AstroCel III 4000	H14	610	610	292	4000	1,1	3,0	34,1	400

1) Width and height are interchangeable, pleats can be either vertical or horizontal without affecting performance.

2) All performance data based on EN1822 at rated airflow.

3) Recommended maximum value. Filters can be operated to a lower final resistance without affecting filter efficiency.

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Bringing clean air to life;

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