

FILTRA-PAK series - Compact filters for fine particulate, frequent regular maintenance

RP-E

Characteristics	RPG-E	RPF-E	RPL-E	RPH-E
EN ISO 16890-1:2016 Classification	ePM _{2.5} 50%	ePM ₁ 55%	ePM ₁ 70%	ePM ₁ 85%
EN 779:2012 Classification	M6	F7	F8	F9
Energy Class EUROVENT 4/21-2019	D	D	C	D
Final differential pressure EN ISO 16890:2016	300 Pa	300 Pa	300 Pa	300 Pa
Final differential pressure EN 13053-7:2019	The lower value between the initial differential pressure plus 100 Pa, or three times the initial value			
Maximum differential pressure	450 Pa	450 Pa	450 Pa	450 Pa
Maximum operating temperature	70°C	70°C	70°C	70°C
Maximum relative humidity	100%	100%	100%	100%



Compact filters, available in a wide range of efficiency classes, whose typical compact design simplifies maintenance procedures and reduces installation downtime.

The RP-E version is especially popular in installations with scheduled maintenance intervals.

Being free of metal parts, these filters can be completely incinerated at the end of their service life.

MATERIALS AND FINISH

- Robust polystyrene frame.
- Fire retardant glass microfibre filter media.
- Polyurethane-based sealant.
- Continuous thermoplastic separators.

APPLICATION

Depending on their efficiency, these can be used as a filter section inside air handling units.

In MULTIMOD model duct housings (see page 96).

For specific applications, modular filtering walls can be made, using metal clips to attach the filters inside special CT model counterframe (see page 103).

Volume-controlled VAV and constant-air-volume CAV systems.

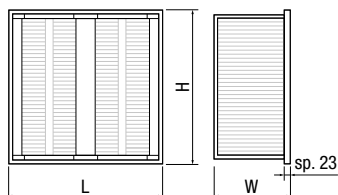
ACCESSORIES

GUS air outlet gasket.

GIS air inlet gasket.

Code	Dimensions [mm]			Airflow rate Q nominal			Filtering surface [m ²]	Initial differential pressure [Pa]				RPG-E	RPF-E	RPL-E	RPH-E
	L	H	W	[m ³ /h]	[m ³ /s]	[cfm]		RPG-E	RPF-E	RPL-E	RPH-E	€	€	€	€
55	287	592	292	1700	0,472	1000	6,9	90	95	115	130	•	•	•	•
56	592	490	292	2600	0,722	1530	11	90	95	115	130	•	•	•	•
54	592	592	292	3400	0,944	2000	14	90	95	115	130	•	•	•	•

• Products ready in stock



At the design stage, recommended sizing is 80% of the rated flow rate.

