

RP-I



	RPG-I	RPF-I	RPL-I	RPH-I
Class EN ISO 16890:2016	ePM _{2,5} 55%	ePM ₁ 55%	ePM ₁ 70%	ePM ₁ 85%
Class EN 779:2012	M6	F7	F8	F9
Energy Class EUROVENT 4/21-2019	C	C	B	C
Suggested final resistance to air flow	200 Pa	200 Pa	300 Pa	300 Pa
Maximum resistance to air flow	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 V-shaped filters available in a wide range of efficiency classes. The compact structure typical of these filters simplifies the maintenance procedures and reduces the system down time. The RP-I version is particularly appreciated in systems with scheduled maintenance intervals due to their extensive filtration surface. These filters can be totally incinerated at the end of their operating life owing to the lack of metal parts.

APPLICATION

- Inside filtration sections of the air handling units.
- In MULTIMOD housings (see page 106).
- For specific applications, modular filtration walls can be made with specific frames, model CT or CTA (see page 113), securing the filters inside with metal clips.
- VAV variable flow systems.

VERSIONS

- ATEX II 2 GD T6 with steel frame.

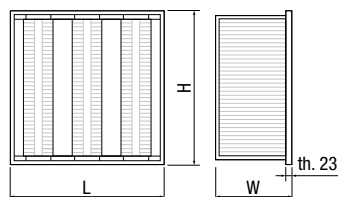
MATERIAL AND FINISH

- Sturdy frame in polystyrene.
- Fire proof micro-fibre glass minipleat media
- Polyurethane-based sealant.
- Hot-melt separators.

DIMENSIONS AND TECHNICAL DATA

Code	Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m ²]	Initial pressure drop [Pa]				RPG-I	RPF-I	RPL-I	RPH-I
	L	H	W	[m ³ /h]	[m ³ /s]	[ft ³ /min]		RPG-I	RPF-I	RPL-I	RPH-I	€	€	€	€
55	592	287	292	1700	0,472	1000	8,9	85	95	105	120	•	•	•	•
56	592	490	292	2600	0,722	1530	14,5	85	95	105	120	•	•	•	•
54	592	592	292	3400	0,944	2000	18	85	95	105	120	•	•	•	•

- Products in stock



Sizing to 80% of the nominal flow is recommended in the design stage.

CHARACTERISTIC CURVES

