

RP-HP2

NEW

Characteristics	RPG-HP2	RPF-HP2	RPL-HP2	RPH-HP2
EN ISO 16890-1:2016 Classification	ePM _{2.5} 55%	ePM ₁ 50%	ePM ₁ 70%	ePM ₁ 80%
EN 779:2012 Classification	M6	F7	F8	F9
Energy Class EUROVENT 4/21-2019	A	A+	A+	A+
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 the most common efficiency classes. The compact structure, typical of these filters, simplifies maintenance procedures and reduces downtime. The RP-HP2 version is particularly appreciated in systems where life cycle cost (LCC) optimization is important. Their energy class and long service life make these filters an ideal solution for reducing operating, maintenance, and disposal costs. Thanks to their metal-free construction, these filters can be fully incinerated at the end of their service life.

MATERIALS AND FINISH

- Robust polystyrene frame.
- Flame-retardant glass microfibre filter media with large surface area.
- Polyurethane-based sealant.
- Continuous thermoplastic separators.

APPLICATION

In the filtration sections of air handling units.
In duct housings, MULTIMOD model (see page 96).
For specific applications, modular filter walls can be built using appropriate CT-type support frames, securing the filters with metal clips (see page 103).

ACCESSORIES

- GUS air outlet gasket.
- GIS air inlet gasket.

Code	Dimensions [mm]			Airflow rate Q nominal			Filtering surface [m ²]	Initial differential pressure [Pa]			
	L	H	W	[m ³ /h]	[m ³ /s]	[cfm]		RPG-HP2	RPF-HP2	RPL-HP2	RPH-HP2
55	592	287	292	1700	0,472	1000	8,9	65	65	80	85
56	592	490	292	2600	0,722	1530	16,3	65	65	80	85
54	592	592	292	3400	0,944	2000	20,0	65	65	80	85

