

RP-HT (120°C)



	RPF-HT	RPH-HT
Class EN ISO 16890:2016	ePM ₁ 55%	ePM ₁ 85%
Class EN 779:2012	F7	F9
Energy Class EUROVENT 4/21-2019	C	C
Suggested final resistance to air flow	200 Pa	300 Pa
Maximum resistance to air flow	450 Pa	450 Pa
Maximum operating temperature	120 °C	120 °C
Maximum relative humidity	100%	100%

Compact V-shaped filters for high temperatures, suitable for all ventilation systems for critical applications. The compact structure typical of these filters simplifies the maintenance procedures and reduces the system down time. These filters are also the best choice for use in variable flow systems (VAV).

The RP-HT version is particularly appreciated in systems with scheduled maintenance intervals due to their extensive filtration surface.

MATERIAL AND FINISH

- Sturdy frame in galvanized steel.
- Fire proof micro-fibre glass mini-pleat media.
- Sealant suitable for high temperatures.
- Hot-melt separators specific for high temperatures.

APPLICATION

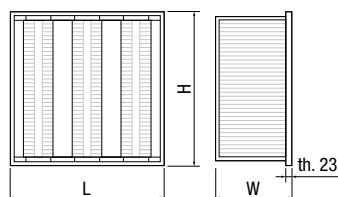
- In MULTIMOD housings (see page 106).
- For specific applications, modular filtration walls can be made with specific frames, model CT (see page 113), securing the filters inside with metal clips.
- VAV variable flow systems.

ACCESSORIES

- EPDM gasket on air inlet side.
- EPDM gasket on air outlet side.

DIMENSIONS AND TECHNICAL DATA

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



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

CHARACTERISTIC CURVES

