

FILTRA-PAK series - Compact EPA-HEPA particulate filters

RPS-I / RPB-I

Characteristics	RPS-I	RPB-I
EN 1822-1:2019 Classification	E11	H13
MPPS efficiency	≥ 95%	≥ 99,95%
Recommended final differential pressure	450 Pa	450 Pa
Maximum final differential pressure	600 Pa	600 Pa
Maximum operating temperature	70°C	70°C
Maximum relative humidity	90%	90%



Compact filters, available in two efficiency classes, whose typical compact design simplifies maintenance procedures and reduces installation downtime.
The RP-I version is especially popular in installations where an implementation of air purity is required.
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, ample surface area, thanks to mini-pleat technology.
- Polyurethane-based sealant.
- Continuous thermoplastic separators

APPLICATION

Inside air handling unit filtration sections.
Volume-controlled VAV and constant-air-volume CAV systems.

VERSIONS

- ATEX
 - II 2G Ex h IIC T6 Gb
 - II 2D Ex h IIIC T85°C Db
 - galvanised steel frame and grids on the air inlet side
- HT120 high temperature up to continuous 120°C, with galvanised steel frame and grids on the air outlet side.

Code	Dimensions [mm]			Airflow rate Q nominal						Filtering surface	Initial differential pressure [Pa]		RPS-I	RPB-I
				RPS-I			RPB-I				RPS-I	RPB-I		
	L	H	W	[m³/h]	[m³/s]	[cfm]	[m³/h]	[m³/s]	[cfm]	[m²]				
55	595	287	292	1250	0,347	735	1100	0,306	647	8,9	170	280		●
56	595	490	292	2450	0,681	1441	2300	0,639	1353	14,5	170	280		●
54	595	595	292	3000	0,833	1765	2500	0,694	1471	18	170	280		●

● Products ready in stock

