



Filtra-Pak RP.E

High Efficiency rigid pocket filters

Product	R.P.E - G	R.P.E - F	R.P.E - L	R.P.E - H
UNI EN 779 class	F 6	F 7	F 8	F 9
EUROVENT class	EU 6	EU 7	EU 8	EU 9
Em ASHRAE 52.1.1992	60 - 80 %	80 - 90 %	90 - 95 %	95 %
Suggested final pressure drop	450 Pa	450 Pa	450 Pa	450 Pa
Maximum pressure drop	1000 Pa	1000 Pa	1000 Pa	1000 Pa
Maximum operating temperature	70 °C	70 °C	70 °C	70 °C
Maximum relative humidity	100 %	100 %	100 %	100 %

Filtra-Pak RP. E high efficiency rigid pocket filters are the evolution for the plants that need a replacement for a set time.

They are fitted with a fiber glass filtering medium, water-proof and fire resistant. It is closely pleated and separated with continuous thermal-plastic spacers.

The packs obtained are positioned in a V-shaped pattern in a polystyrene, tight holding frame. The filters have a constant and tested filtering efficiency, they are not as deep as the bag filters, have a high dust holding capacity and robust construction.

At the end of their operating life, they need to be replaced and can be completely burned to ashes.

Applications

Filtra-Pak RP. E rigid pocket filters are used in civil and industrial plants which require high filtering efficiency levels and very high air cleanness levels.

They are suitable for pharmaceutical, food, electronics, photography industries, laboratories, CED, telephone plants, hospitals. Filtra-Pak RP. E filters are the best solution for variable flow plants (VAV), in case of frequent

fan stopping and in general in difficult operating conditions.

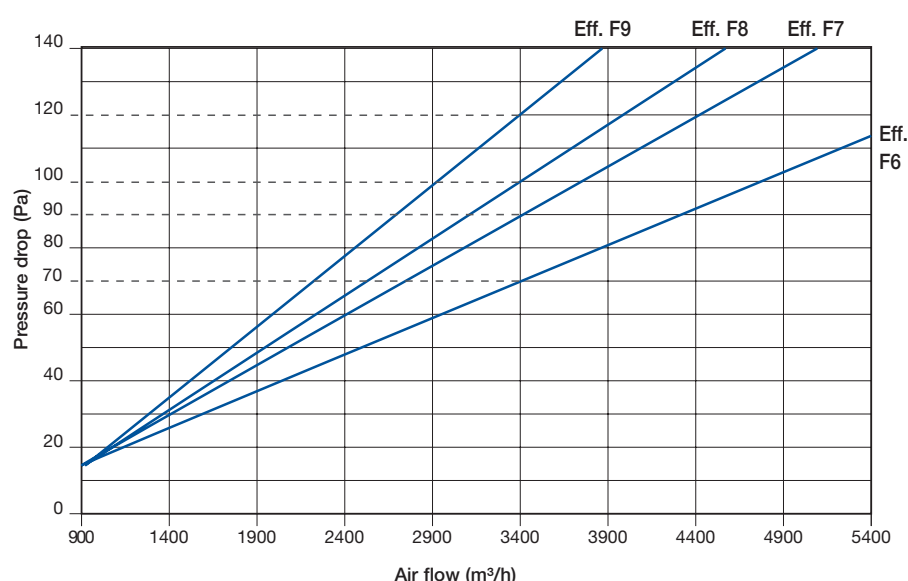
Installation

Filtra-Pak RP. E filters can be installed in a broad range of alternative positions compared to the bag filters. They can be installed in basically every position: horizontal, vertical, duct installation and even inverted flow. Their frames allow for interchangeability with the traditional pocket filters. Both the standard counter-frames, mod. CT and the duct containers mod. Multimod can be used in the new installations.

Type	Sizes (mm)					Nominal air flow rate Q.		Filtering surface	Initial pressure drop Pa			
R.P.E	A		B		C	m³/h	m³/sx10 ⁻³ *	m²	R.P.E-G	R.P.E-F	R.P.E-L	R.P.E-H
55	595	x	287	x	292	1650	458	6,9	70	90	100	120
56	595	x	490	x	292	2800	778	11	70	90	100	120
54	595	x	595	x	292	3400	944	14	70	90	100	120

*1 m³/s x 10⁻³ = 1 l/s

Typical curves



Size

