

# Filtra-Pak RP-.I

HEPA rigid pocket filters

Product	RP - R I	RP - B I
Class UNI EN 1822	H 10	H 13
Class EUROVENT	EU 10	EU 13
Suggested final pressure drop	500 Pa	500 Pa
Maximum pressure drop	750 Pa	750 Pa
Maximum operating temperature	70 °C	70 °C
Maximum relative humidity	100 %	100 %

Filtra-Pak RP. HEPA rigid pocket filters are a modern alternative to the traditional filters with equal efficiency levels. 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.

The pressure drops are limited and limit the energy consumption of the fans. At the end of their operating life, they need to be replaced.

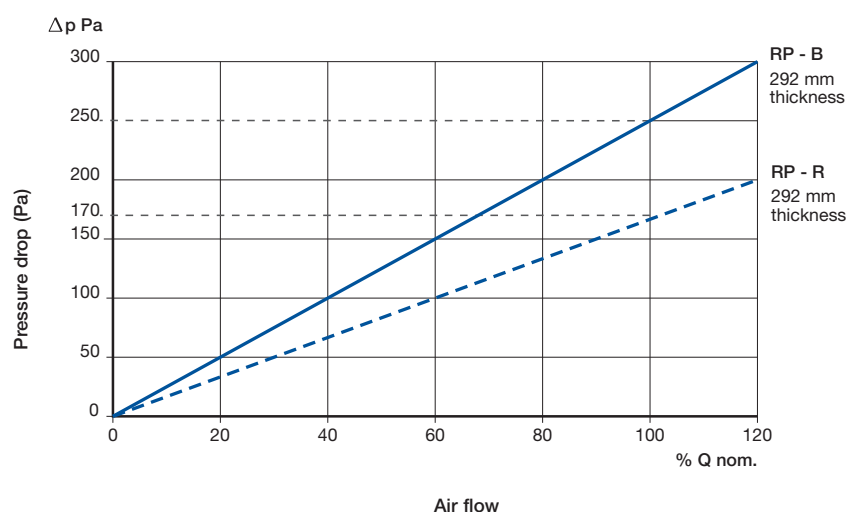
**Applications** Filtra-Pak RP. rigid pocket filters are used in civil and industrial plants which require high filtering efficiency levels and very high air cleanliness levels. They are suitable for pharmaceutical, food, electronics, photography industries, laboratories, CED, telephone plants, hospitals. Filtra-Pak RP. 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. 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	
RP	A	B	C	m³/h	m³/sx10 <sup>-3</sup> *	m²	RP - R I	RP - B I
55	595	x 287	x 292	1450	403	8,9	170	250
56	595	x 490	x 292	2450	680	14,5	170	250
54	595	x 595	x 292	3000	833	18	170	250

\*1 m³/s x 10<sup>-3</sup> = 1 l/s

## Typical curves



## Size

