



Filtra-Pak RP-...I

High Efficiency rigid pocket filters

Product	RP - G..I	RP - F..I	RP - L..I	RP - H..I
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 %	95 < Em	95 < Em
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 high efficiency rigid pocket filters are a modern alternative for air filtration compared to bag filters. 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 filtering packs are positioned in the galvanized steel frame and sealed tight. The filters have a high filtering efficiency, they are less deep compared to the bag filters, have a high dust holding capacity and robust construction. The pressure drops are limited. At the end of their operating life, they need to be replaced

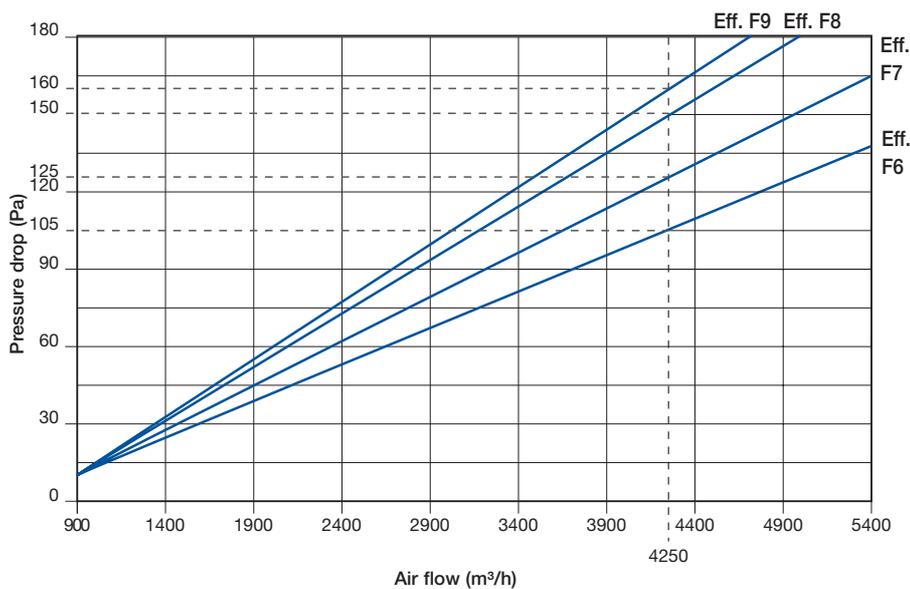
Applications Filtra-Pak RP rigid pocket filters are used in civil and industrial plants which require high filtering efficiency levels and very high air cleanness levels. They are suitable for pharmaceutical, food, electronics, photography industries, laboratories, CED, telephone plants, hospitals. Filtra-Pak 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 m ²	Initial pressure drop Pa			
	A	B	C	m ³ /h	m ³ /sx10 ^{-3*}		RP-G..I	RP-F..I	RP-L..I	RP-H..I
RP 55	595	x 287	x 292	2100	583	8,9	105	125	150	160
RP 56	595	x 490	x 292	3400	944	14,5	105	125	150	160
RP 54	595	x 595	x 292	4250	1180	18	105	125	150	160

*1 m³/s x 10⁻³ = 1 l/s

Typical curves



Size

