



# Filtra-Pak RP. P4

High Efficiency rigid pocket filters

| Product                       | RPG -.. P4 | RPF -..P4 | RPH -..P4 |
|-------------------------------|------------|-----------|-----------|
| UNI EN 779 class              | F 6        | F 7       | F 9       |
| EUROVENT class                | EU 6       | EU 7      | EU 9      |
| Em ASHRAE 52.1.1992           | 60 - 80 %  | 80 - 90 % | 95        |
| Suggested final pressure drop | 450 Pa     | 450 Pa    | 450 Pa    |
| Maximum pressure drop         | 1000 Pa    | 1000 Pa   | 1000 Pa   |
| Maximum operating temperature | 70 °C      | 70 °C     | 70 °C     |
| Maximum relative humidity     | 100 %      | 100 %     | 100 %     |

Filtra-Pak RP. P 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. P 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. P filters are the best solution for variable flow plants (VAV), in case of frequent fan stopping and in general in difficult operating conditions.

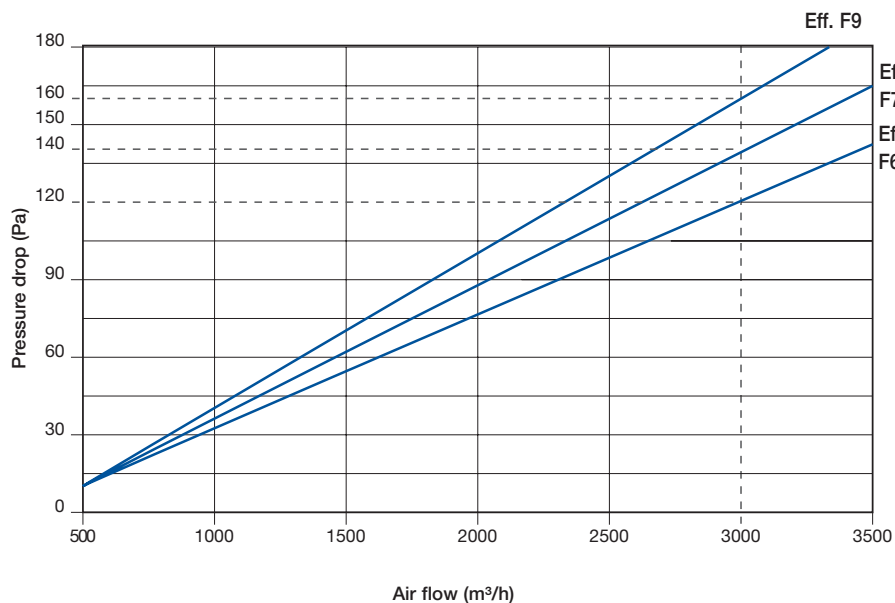
**Installation** Filtra-Pak RP. P filters can be installed in a broad range of alternative positions compared to the bag filters. They can be installed in basically every position: horizontal, vertical, duct installation and even inverted flow. Their frames allow for interchangeability with the traditional 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<br>m <sup>2</sup> | Initial pressure drop<br>Pa |         |         |  |
|--------|------------|-------|-------|--------------------------|--------------------------------------|-------------------------------------|-----------------------------|---------|---------|--|
|        | A          | B     | C     | m <sup>3</sup> /h        | m <sup>3</sup> /sx10 <sup>-3</sup> * |                                     | RPG-..P                     | RPF-..P | RPH-..P |  |
| RP. P4 |            |       |       |                          |                                      |                                     |                             |         |         |  |
| 55     | 595        | x 287 | x 135 | 1500                     | 416                                  | 5,7                                 | 120                         | 140     | 160     |  |
| 56     | 595        | x 490 | x 135 | 2500                     | 700                                  | 8,9                                 | 120                         | 140     | 160     |  |
| 54     | 595        | x 595 | x 135 | 3000                     | 833                                  | 12                                  | 120                         | 140     | 160     |  |

\*1 m<sup>3</sup>/s x 10<sup>-3</sup> = 1 l/s

For actual sizes please refer to our Pricelist

## Typical curves



## Size

