

## Product data sheet: **Pocket filters**

Pocket filters are designed for installation in all types of air conditioning equipment. Pocket filters are used according to classes ranging from the separation of coarse impurities (prefilters) to the separation of very fine particles, ie as main filters in conditions that require a high flow of filtered air.

The filters are made of synthetic materials on the automated sewing centre KSL, which ensures the conicity of the filter pockets. The individual pockets are then inserted into plastic frames made of ABS material, or into frames made of galvanized steel for use in devices requiring increased heat resistance. In the all-plastic design, the filters meet high hygienic standards when used in the pharmacy, food industry, industry and the production of electronic components.

In addition to unified dimensions, we also produce pocket filters in atypical dimensions.

Reference parameters of pocket filters dimension 592 x 592 x 600 mm:

| EN 779                | G3                     | G4                     | M5                     | M6                     | F7                     | F8                     | F9                     |
|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| EN ISO 16890          | Coarse 50 %            | Coarse 60 %            | ePM <sub>10</sub> 60%  | ePM <sub>10</sub> 75%  | ePM <sub>1</sub> 60%   | ePM <sub>1</sub> 75 %  | ePM <sub>1</sub> 85 %  |
| Nom. air flow rate    | 3400 m <sup>3</sup> /h | 3400 m <sup>3</sup> /h | 3400 m <sup>3</sup> /h | 3400 m <sup>3</sup> /h | 3400 m <sup>3</sup> /h | 3400 m <sup>3</sup> /h | 3400 m <sup>3</sup> /h |
| Initial pressure drop | 27 Pa                  | 27 Pa                  | 65 Pa                  | 74 Pa                  | 107 Pa                 | 123 Pa                 | 175 Pa                 |
| Rec. final pressure   | 200 Pa                 | 200 Pa                 | 400 Pa                 | 400 Pa                 | 400 Pa                 | 400 Pa                 | 400 Pa                 |

Filters are disposed of in incinerators or can be disposed of in a municipal waste landfill.

**Packaging:** Packed in cartons; the label indicates the type of filter, size, efficiency according to EN ISO 16890, or filtration class and manufacturer.

**Warranty:** The warranty on the filters is given for the entire life of the filter.



## PERFORMANCE DATA

| Filter Class<br>ISO 16890 | EN 779 | Dimensions<br>mm | Pockets | Air Flow<br>m <sup>3</sup> /h | Pressure Drop<br>Pa |
|---------------------------|--------|------------------|---------|-------------------------------|---------------------|
| Coarse 60%                | G4     | 592x592x360      | 5/6     | 3400                          | 66                  |
| Coarse 60%                | G4     | 287x592x360      | 3       | 1700                          | 66                  |
| Coarse 60%                | G4     | 592x592x600      | 5/6     | 3400                          | 27                  |
| Coarse 60%                | G4     | 287x592x600      | 3       | 1700                          | 27                  |
| ePM10 60%                 | M5     | 287x287x600      | 3       | 900                           | 74                  |
| ePM10 60%                 | M5     | 287x592x600      | 3       | 1700                          | 74                  |
| ePM10 60%                 | M5     | 402x592x600      | 3/4     | 2280                          | 73                  |
| ePM10 60%                 | M5     | 490x592x600      | 4/5     | 2800                          | 73                  |
| ePM10 60%                 | M5     | 592x592x600      | 5/6     | 3400                          | 75                  |
| ePM10 60%                 | M5     | 592x592x600      | 8       | 3400                          | 65                  |
| ePM10 75%                 | M6     | 287x592x600      | 3       | 1700                          | 74                  |
| ePM10 75%                 | M6     | 592x592x600      | 6       | 3400                          | 74                  |
| ePM1 60%                  | F7     | 287x287x600      | 4       | 900                           | 107                 |
| ePM1 60%                  | F7     | 287x287x630      | 4       | 900                           | 107                 |
| ePM1 60%                  | F7     | 287x592x600      | 4       | 1700                          | 107                 |
| ePM1 60%                  | F7     | 287x592x635      | 4       | 1700                          | 107                 |
| ePM1 60%                  | F7     | 402x592x600      | 5/6     | 2280                          | 107                 |
| ePM1 60%                  | F7     | 402x592x630      | 5/6     | 2280                          | 107                 |
| ePM1 60%                  | F7     | 490x592x600      | 6/8     | 2800                          | 107                 |
| ePM1 60%                  | F7     | 490x592x630      | 6/8     | 2800                          | 107                 |
| ePM1 60%                  | F7     | 592x592x600      | 8/10    | 3400                          | 107                 |
| ePM1 60%                  | F7     | 592x592x630      | 8/10    | 3400                          | 107                 |
| ePM1 75%                  | F8     | 287x592x650      | 4       | 1700                          | 123                 |
| ePM1 75%                  | F8     | 592x592x650      | 8/10    | 3400                          | 123                 |
| ePM1 85%                  | F9     | 287x592x600      | 4       | 1700                          | 175                 |
| ePM1 85%                  | F9     | 287x592x650      | 4       | 1700                          | 164                 |
| ePM1 85%                  | F9     | 592x592x600      | 8/10    | 3400                          | 175                 |
| ePM1 85%                  | F9     | 592x592x650      | 8/10    | 3400                          | 164                 |