

Panel prefilter of type PPF

Panel prefilters of type PPF are used for rough precleaning of supply air into rooms of various purposes by general ventilation and air-conditioning systems.



CHARACTERISTICS

Table 1

| Filter class by EN 779 (Eurovent 4/9) | Specific air flow, m ³ /h.m ² | Pressure drop, Pa | |
|--|--|-------------------|-------------------|
| | | Initial | Recommended final |
| G3 (EU3) | 7000 - 9000 | 43 -55 | 130 |

The filters are operational and keep their characteristics at air temperature from -40°C to +120°C.

BASIC DIMENSION-TYPES

Table 2

| Index of filter PPF | Dimensions, mm | | | Air flow, m ³ /h |
|------------------------|----------------|---------|---------|-----------------------------|
| | Height A | Width B | Depth L | |
| 3050 | 500 | 500 | 48 | 1750-2250 |
| 3052 | 592 | 592 | 48 | 2450-3150 |
| 3051 | 592 | 287 | 48 | 1200-1500 |
| 3054 | 592 | 490 | 48 | 2000-2600 |
| 3053 | 287 | 490 | 48 | 1000-1260 |
| 3056 | 610 | 610 | 48 | 2600-3350 |
| 3055 | 610 | 305 | 48 | 1300-1650 |
| 30501 | 287 | 287 | 48 | 570-750 |
| 30505 | 305 | 305 | 48 | 650-850 |
| 3058 | 287 | 892 | 48 | 1800-2300 |
| 3059 | 892 | 490 | 48 | 3050-3950 |
| 3057 | 892 | 592 | 48 | 3700-4750 |

Other dimension-types of filters can be manufactured by request

GENERAL DESIGN

Filters PPF consist of framework made of cardboard or galvanized steel, inside which the filter media is laid, supported on the air outlet side by wire frame.

MAINTENANCE

When filters are in operation it is necessary to check their pressure drop by readings of manometer attached to connecting pipes, arranged in walls of air cleaning chambers before and after filters.

Upon reaching pressure drop difference recommended for this filter, or based on available system pressure, it is necessary to replace filters.