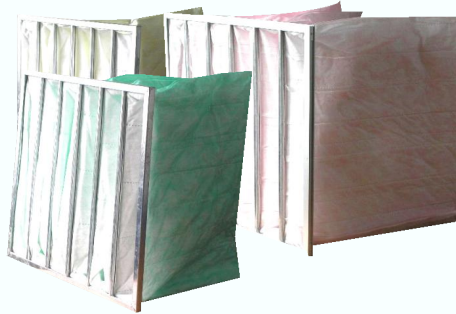




# Synthetic Pocket Filter



## Capacity

- ※ Frame: Galvanized steel, extruded aluminum, plastic
- ※ Header: 20mm, 25mm
- ※ Media: Meltblown PP
- ※ Efficiency: ASHRAE 45%、65%、85%、95%
- ※ Standard: EN779 F5、F6、F7、F8
- ※ High-loft, layered, meltblown synthetic media improves performance
- ※ Ultrasonically-welded pocket spacers and edges
- ※ Available with antimicrobial

## UL Class 1

## Operating Conditions

- ※ Temperature:  $\leq 70^{\circ}\text{C}$
- ※ Humidity:  $\leq 90\% \text{RH}$

## Technical Parameters

| W*H*D (mm)  | Pockets | Area (m <sup>2</sup> ) | Efficiency | Airflow (CMH) | Initial Pressure (Pa) | Airflow (CMH) | Initial Pressure (Pa)※ |
|-------------|---------|------------------------|------------|---------------|-----------------------|---------------|------------------------|
| 592*592*600 | 8       | 6.40                   | F5         | 2540          | 30                    | 3800          | 45                     |
|             |         |                        | F6         |               | 40                    |               | 60                     |
|             |         |                        | F7         |               | 75                    |               | 110                    |
|             |         |                        | F8         |               | 85                    |               | 130                    |
| 592*592*600 | 6       | 4.97                   | F5         | 2540          | 35                    | 3800          | 50                     |
|             |         |                        | F6         |               | 50                    |               | 75                     |
|             |         |                        | F7         |               | 80                    |               | 120                    |
|             |         |                        | F8         |               | 90                    |               | 135                    |
| 490*592*600 | 5       | 4.13                   | F5         | 2100          | 35                    | 3140          | 50                     |
|             |         |                        | F6         |               | 50                    |               | 75                     |
|             |         |                        | F7         |               | 80                    |               | 120                    |
|             |         |                        | F8         |               | 90                    |               | 135                    |
| 287*592*600 | 3       | 2.46                   | F5         | 1240          | 35                    | 1860          | 50                     |
|             |         |                        | F6         |               | 45                    |               | 75                     |
|             |         |                        | F7         |               | 80                    |               | 120                    |
|             |         |                        | F8         |               | 90                    |               | 135                    |
| 592*592*560 | 8       | 6.00                   | F5         | 2540          | 35                    | 3800          | 50                     |
|             |         |                        | F6         |               | 45                    |               | 65                     |
|             |         |                        | F7         |               | 80                    |               | 120                    |
|             |         |                        | F8         |               | 95                    |               | 140                    |
| 490*592*560 | 6       | 4.53                   | F5         | 2140          | 35                    | 3140          | 50                     |
|             |         |                        | F6         |               | 45                    |               | 65                     |
|             |         |                        | F7         |               | 80                    |               | 120                    |
|             |         |                        | F8         |               | 95                    |               | 140                    |
| 287*592*560 | 3       | 2.30                   | F5         | 1240          | 40                    | 1860          | 55                     |
|             |         |                        | F6         |               | 55                    |               | 80                     |
|             |         |                        | F7         |               | 85                    |               | 130                    |
|             |         |                        | F8         |               | 95                    |               | 145                    |

Recommended final pressure: 450Pa

※ Pressure range  $\pm 15\%$ .

Different sizes and specifications are available

## Applications

Pocket filters have widespread application in central air conditioning ventilation systems, pharmaceuticals, hospitals, electronics, food processing, etc. They can also be used for secondary filtration to reduce load and prolong service life of high-efficiency air filtration systems. Pocket filters have high dust holding capacity and high air speed due to their large surface area. Therefore, they are the optimal medium-efficiency filter structure for secondary filtration.

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