

**Pocket filter**  
**AIRsyntax PM10 55%**  
**592 x 592 x 360 8 poc.**



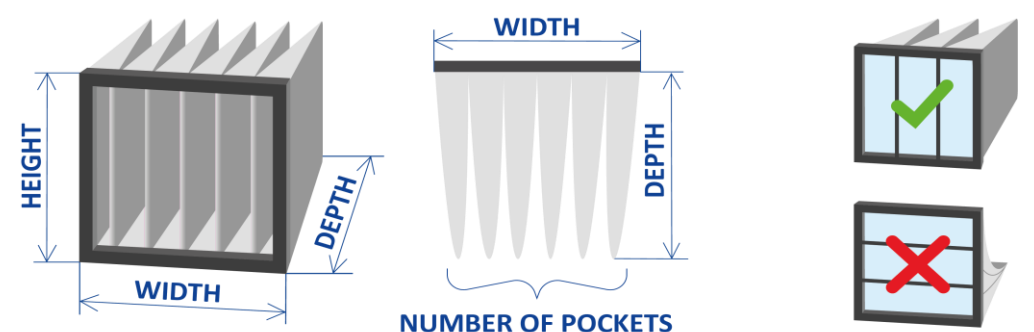
| Filter class acc. to ISO 16890<br>EN 779:2012 | Particle efficiency  | Energy consumption | Energy class<br><small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small> |
|---|--|--------------------|---|
| ISO ePM10 55%<br>M5                           | ePM <sub>1</sub> 10 %<br>ePM <sub>2,5</sub> 25 %<br>ePM <sub>10</sub> 55 % | > 1.100 kWh/year   | E   |



**Operating conditions:**

|   |                         |
|---|-------------------------|
| Max. humidity resistance                    | 100%                    |
| Max. temperature                            | 70°C                    |
| Recommended final pressure drop             | 300 Pa                  |
| Max. airflow<br>(short term usage possible) | 1,25 x nominal air flow |
| Fire behaviour                              | DIN 53438 - 3 (F1)      |

**Medium** Synthetic-progressive microfiber  
**Media color** ■ Brown



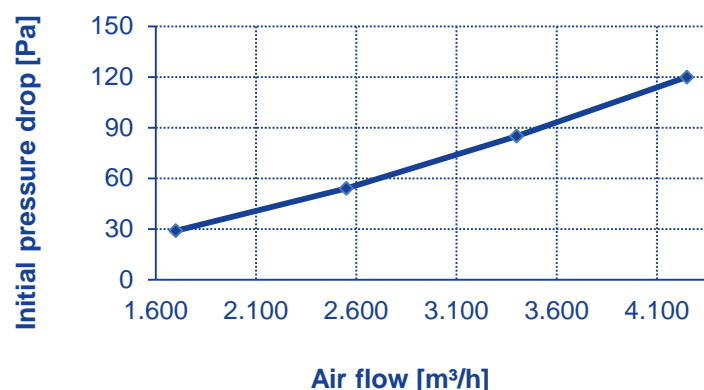
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

| WIDTH<br>[mm] | HEIGHT<br>[mm] | DEPTH<br>[mm] | Number of pockets | Filter area<br>[m <sup>2</sup> ] | Recommended nominal air flow<br>[m <sup>3</sup> /h] | Initial pressure drop<br>[Pa] |
|---------------|----------------|---------------|-------------------|----------------------------------|---|-------------------------------|
| <b>592</b>    | <b>592</b>     | <b>360</b>    | <b>8</b>          | <b>3,4</b>                       | <b>3.400</b>  | <b>85</b>                     |
| 490           | 592            | 360           | 6                 | 2,6                              | 2.600   | 85                            |
| 287           | 592            | 360           | 4                 | 1,7                              | 1.700   | 85                            |
| 592           | 287            | 360           | 8                 | 1,7                              | 1.700   | 85                            |
| 592           | 490            | 360           | 8                 | 2,8                              | 2.800   | 85                            |
| 287           | 287            | 360           | 4                 | 0,8                              | 800   | 85                            |
| 592           | 892            | 360           | 8                 | 5,1                              | 5.100   | 85                            |
| 490           | 892            | 360           | 6                 | 3,9                              | 3.900   | 85                            |
| 287           | 892            | 360           | 4                 | 2,6                              | 2.600   | 85                            |

**Product benefits:**

- Multi-layer structure of the filter media
- Shatter-proof synthetic fibres
- Welded continuous pockets
- Optimal pocket opening
- Efficient and economical at the same time
- Filter media tested according to OEKO-TEX® Standard 100 for harmful chemical substances (17.0.25812)
- Testing for paint compatibility by Fraunhofer IPA
- For use in air-conditioning and ventilation systems of all kinds

**Initial pressure drop 592x592x360x8poc.**



**Versions:**

- Plastic frame: 25 mm
- Metal frame: 20 mm, 25 mm
- Special sizes on request
- Version with plastic frame fully incinerable
- Optional with foamed hygiene gasket



**Notice:**

All information and illustrations are sole property of Volz and are provided to the best of our company's knowledge. Yet our company does not take over any warranty for the completeness and/ or correctness and cannot be held liable for any damage occurring to the recipient through the use or through her or his trust in the completeness and/ or correctness of the information. The given data are mean values with tolerances due to normal production variations and do not release the recipient from own checks, investigations and test. Furthermore, all data serve as service description and shall not be interpreted as a warranty for composition or service life. Volz reserves the right to change specifications without notice.