

**Pocket filter**  
**HIGHsyntax PM2,5 70%**  
**592 x 592 x 600 8 poc.**



Filter class acc. to ISO 16890	Particle efficiency	Energy consumption	Energy class
EN 779:2012			Threshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM <sub>2,5</sub> 70%	ePM <sub>1</sub> 60 %	1.800 kWh/year	D
F7	ePM <sub>2,5</sub> 70 %		
	ePM <sub>10</sub> 90 %		

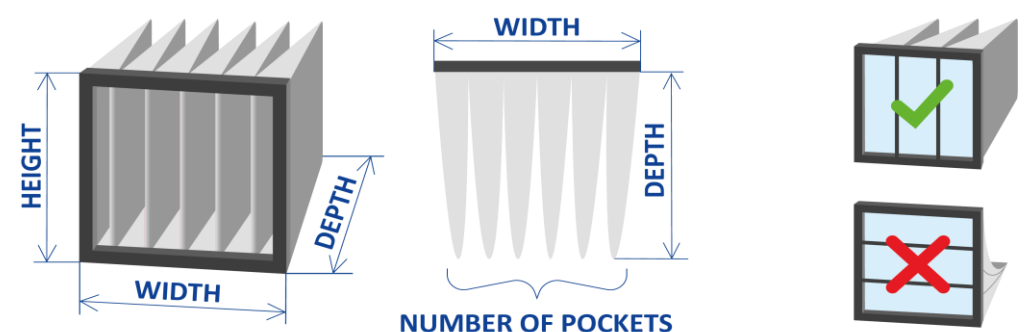


Similar to picture

**Operating conditions:**

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

Medium High performance nonwoven fabric  
 Media color Pink



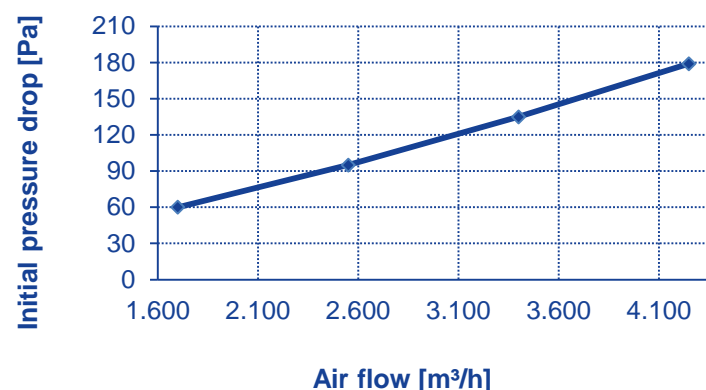
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of pockets	Filter area [m <sup>2</sup> ]	Recommended nominal air flow [m <sup>3</sup> /h]	Initial pressure drop [Pa]
<b>592</b>	<b>592</b>	<b>600</b>	<b>8</b>	<b>5,7</b>	<b>3.400</b>	<b>135</b>
490	592	600	6	4,3	2.600	135
287	592	600	4	2,8	1.700	135
592	287	600	8	2,8	1.700	135
592	490	600	8	4,7	2.800	135
287	287	600	4	1,4	850	135

**Product benefits:**

- Multi-layer structure of the filter media
- Shatter-proof synthetic fibres
- Welded continuous pockets
- High dust holding capacity
- Rigid pockets cannot sag onto the floor of the ducting
- Optimal distribution of incoming airflow
- Testing for paint compatibility by Fraunhofer IPA
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology

**Initial pressure drop 592x592x600x8poc.**



**Versions:**

- Plastic frame: 25mm
- Metal frame: 25mm
- 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.