

**Pocket filter**  
**HIGHsyntax PM10 55%**  
**592 x 592 x 600 8 poc.**

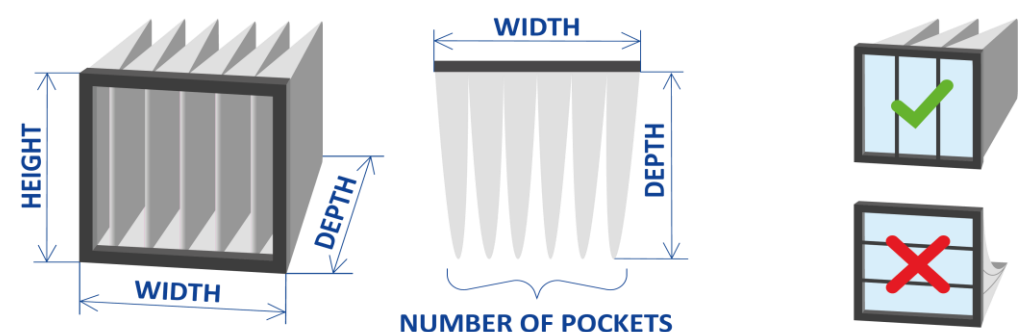


Filter class acc. to ISO 16890	Particle efficiency	Energy consumption	Energy class
EN 779:2012			Threshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM10 55% M5	ePM <sub>1</sub> 6 % ePM <sub>2,5</sub> 15 % ePM <sub>10</sub> 55 %	1.020 kWh/year	D

**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 Brown



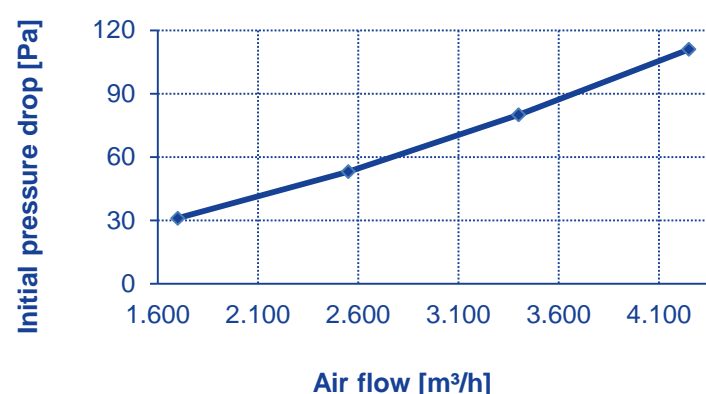
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

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>80</b>
490	592	600	6	4,3	2.600	80
287	592	600	4	2,8	1.700	80
592	287	600	8	2,8	1.700	80
592	490	600	8	4,7	2.800	80
287	287	600	4	1,4	850	80

**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



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