

**Pocket filter**  
**AIRsyntax PM10 55%**  
**592 x 592 x 635 10 poc.**



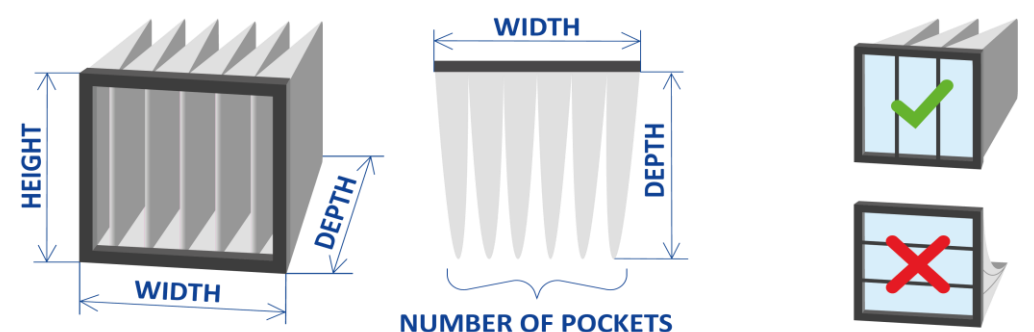
Filter class acc. to ISO 16890 EN 779:2012	Particle efficiency	Energy consumption	Energy class <small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small>
ISO ePM10 55% M5	ePM <sub>1</sub> 10 % ePM <sub>2,5</sub> 25 % ePM <sub>10</sub> 55 %	1.000 kWh/year	D



**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 Synthetic-progressive microfiber  
 Media color Brown



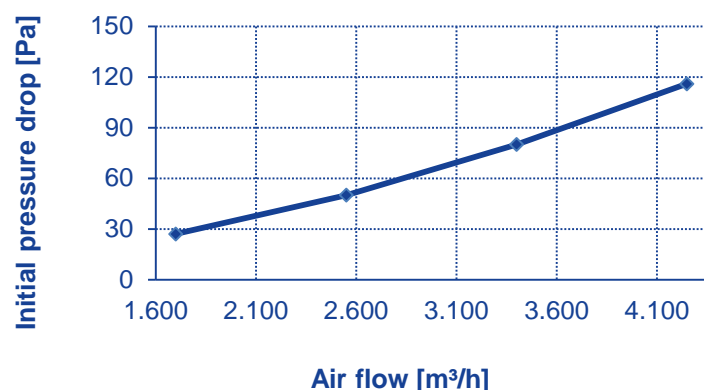
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

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>635</b>	<b>10</b>	<b>7,5</b>	<b>3.400</b>	<b>80</b>
490	592	635	8	6,0	2.700	80
287	592	635	5	3,8	1.700	80
592	287	635	10	3,6	1.600	80
592	490	635	10	6,2	2.800	80
287	287	635	5	1,8	800	80
592	892	635	10	11,3	5.100	80
490	892	635	8	9,1	4.100	80
287	892	635	5	5,7	2.600	80

**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
- Testing for paint compatibility by Fraunhofer IPA
- For use in air-conditioning and ventilation systems of all kinds

**Initial pressure drop 592x592x635x10poc.**



**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



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