

**Pocket filter**  
**PROsyntex PM10 65%**  
**592 x 592 x 380 10 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 65% M6	ePM <sub>1</sub> 6 % ePM <sub>2,5</sub> 25 % ePM <sub>10</sub> 65 %	1.120 kWh/year	D

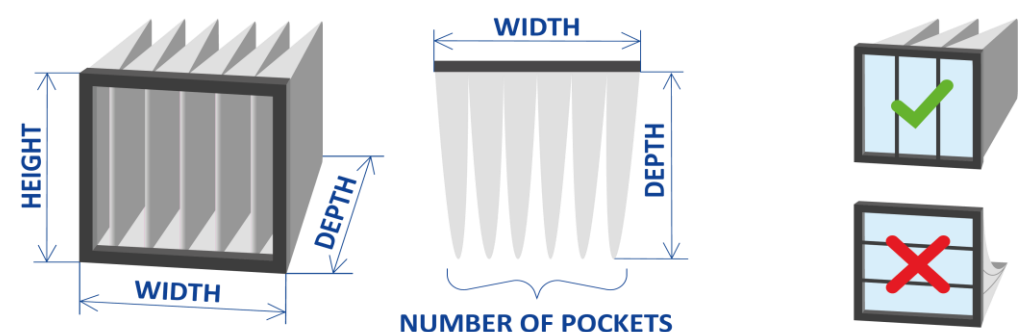


Similar to picture

**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** Synthetic-progressive microfiber  
**Media color** Green



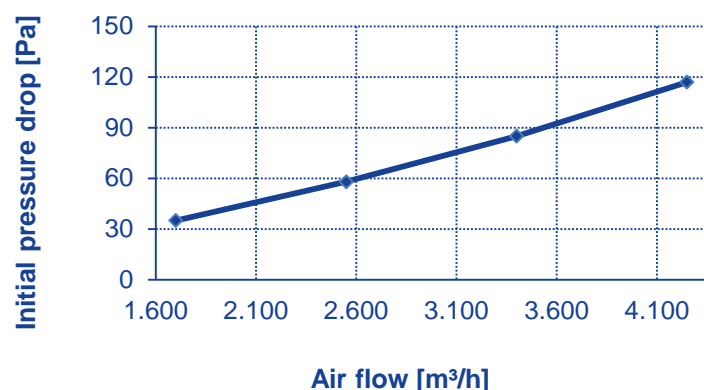
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

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>380</b>	<b>10</b>	<b>4,5</b>	<b>3.400</b>	<b>85</b>
490	592	380	8	3,6	2.700	85
287	592	380	5	2,2	1.700	85
592	287	380	10	2,2	1.700	85
592	490	380	10	3,7	2.800	85
287	287	380	5	1,1	850	85
592	892	380	10	6,8	5.100	85
490	892	380	8	5,4	4.100	85
287	892	380	5	3,4	2.600	85

**Product benefits:**

- Multi-layer structure of the filter media
- Shatter-proof synthetic fibres
- Ultrasonic welded continuous pockets
- Low pressure drop and high dust holding capacity
- Optimal distribution of incoming flow due to optimal pocket opening
- BIOSTATIC version can be used when hygiene demands are high and in environments with increased air humidity
- Testing for paint compatibility by Fraunhofer IPA (not valid for the biostatic version)
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology

**Initial pressure drop 592x592x380x10poc.**



**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
- Optional **BIOSTATIC version**: the ingredients located within the synthetic fibers „BIO-Hunter RX-106“ and "Silver-Phosphate-Glass" (BIOZIDE) prevent odors and the formation of microorganisms on the filter which is harmful to the health



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