

**Pocket filter**  
**PROsyntex PM1 65%**  
**592 x 592 x 535 10 poc.**



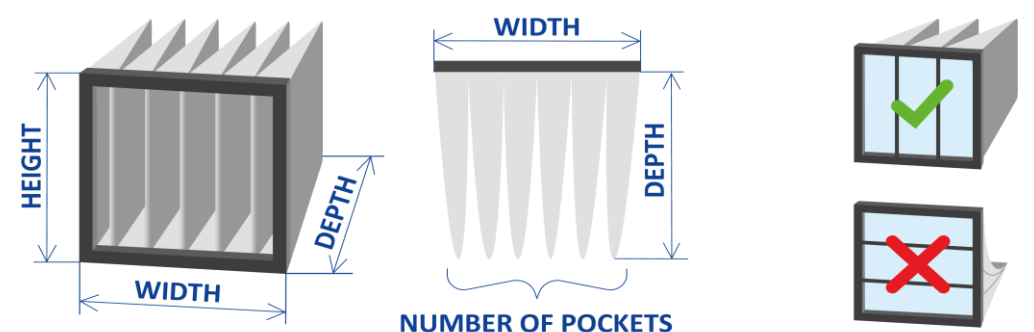
Filter class acc. to ISO 16890	Particle efficiency	Energy consumption	Energy class
EN 779:2012			Threshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM1 65% F8	ePM <sub>1</sub> 65 % ePM <sub>2,5</sub> 75 % ePM <sub>10</sub> 90 %	> 2.050 kWh/year	E



**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  White

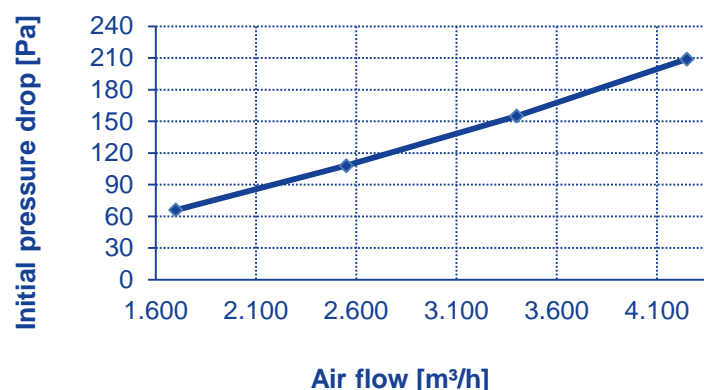


WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of pockets	Filter area [m <sup>2</sup> ]	Recommended nominal air flow [m <sup>3</sup> /h]	Initial pressure drop [Pa]
<b>592</b>	<b>592</b>	<b>535</b>	<b>10</b>	<b>6,3</b>	<b>3.400</b>	<b>155</b>
490	592	535	8	5,1	2.800	155
287	592	535	5	3,2	1.700	155
592	287	535	10	3,1	1.700	155
592	490	535	10	5,2	2.800	155
287	287	535	5	1,5	800	155
592	892	535	10	9,5	5.100	155
490	892	535	8	7,6	4.100	155
287	892	535	5	4,8	2.600	155

**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 592x592x535x10poc.**



**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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