

Pocket filter  
PROsyntex PM2,5 60%  
592 x 592 x 380 10 poc.



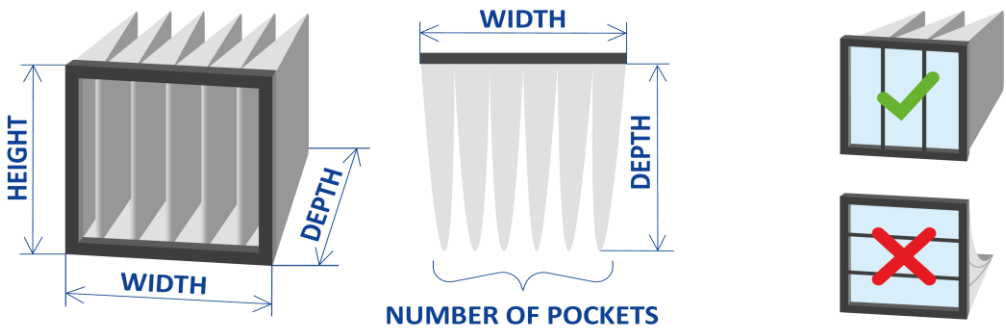
Filter class acc. to ISO 16890	Particle efficiency		Energy consumption	Energy class
EN 779:2012				<small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small>
ISO ePM <sub>2,5</sub> 60% F7	ePM <sub>1</sub>	50 %	> 1.950 kWh/year	E
	ePM <sub>2,5</sub>	60 %		
	ePM <sub>10</sub>	90 %		



Similar to picture

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

Medium	Synthetic-progressive microfiber
Media color	<div></div> Pink



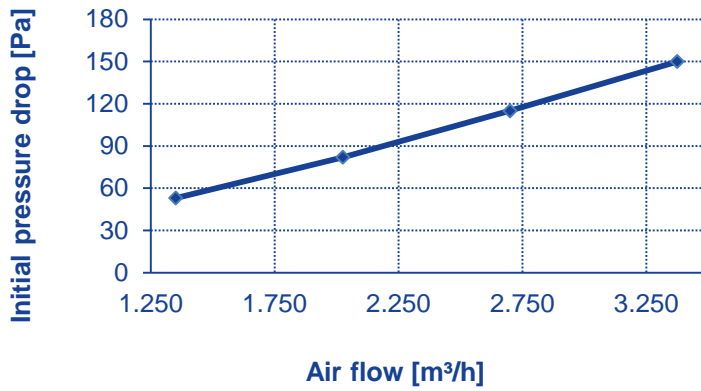
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

WIDTH	HEIGHT	DEPTH	Number of pockets	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	[mm]	[mm]		[m <sup>2</sup> ]	[m <sup>3</sup> /h]	[Pa]
592	592	380	10	4,5	2.700	115
490	592	380	8	3,6	2.200	115
287	592	380	5	2,2	1.300	115
592	287	380	10	2,2	1.300	115
592	490	380	10	3,7	2.200	115
287	287	380	5	1,1	650	115
592	892	380	10	6,8	4.100	115
490	892	380	8	5,4	3.200	115
287	892	380	5	3,4	2.000	115

Product benefits:

- Multi-layer structure of filter media consisting of shatter-proof synthetic fibres
- Ultrasonic welded continuous pockets with optimal distribution of incoming flow (pocket fitting)
- Low pressure drop and high dust holding capacity
- Filter media tested according to OEKO-TEX® Standard 100 for harmful chemical substances (17.0.25812)
- the optional BIOSTATIC version can be used when hygiene demands are high and in environments with increased air humidity
- Tested for paint compatibility by Fraunhofer IPA institute (doesn't apply to 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 „Silane Quaternary Ammonium Salt“ and "Silver-Phosphate-Glass" (BIOCIDE) prevent odors and the formation of microorganisms on the filter which is harmful to the health



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