

Pocket filter  
Polyester PM10 50%  
592 x 592 x 600 6 poc.



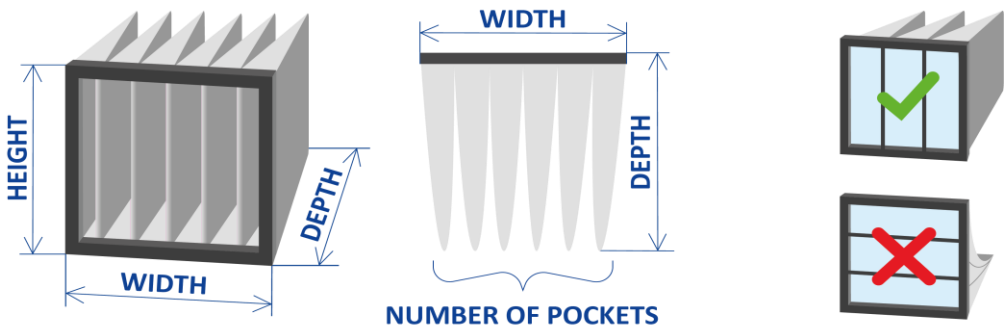
Filter class acc. to ISO 16890	Particle efficiency		Energy consumption	Energy class
EN 779:2012				<small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small>
ISO ePM10 50% M5	ePM <sub>1</sub>	7 %	650 kWh/year	B
	ePM <sub>2,5</sub>	10 %		
	ePM <sub>10</sub>	50 %		



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	Polyester
Media color	<div><div></div>White</div>

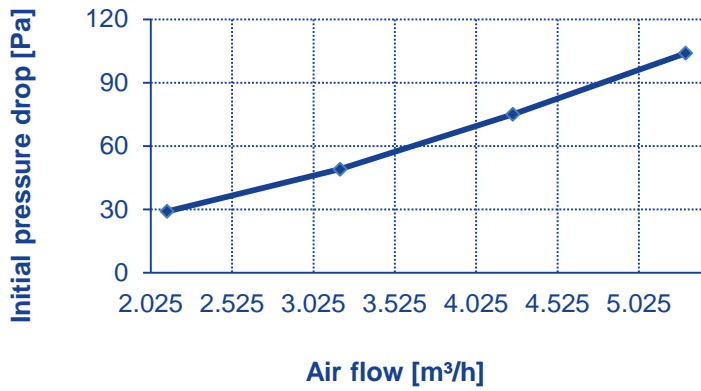


WIDTH	HEIGHT	DEPTH	Number of pockets	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	[mm]	[mm]		[m²]	[m³ /h]	[Pa]
592	592	600	6	4,3	4.250	75
490	592	600	5	3,6	3.600	75
287	592	600	3	2,1	2.100	75
592	287	600	6	2,1	2.100	75
592	490	600	6	3,5	3.500	75
287	287	600	3	1	1.000	75
592	892	600	6	6,4	6.300	75
490	892	600	5	5,4	5.300	75
287	892	600	3	3,2	3.200	75

Product benefits:

- Progressively structured filter medium made of shatter-proof synthetic fibres
- Thermally welded, self-supporting continuous pockets with optimal distribution of incoming flow (pocket-fitting)
- Edge welding for higher density and pressure load
- Filter media tested according to OEKO-TEX® Standard 100 for harmful chemical content (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 592x592x600x6poc.



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 ingredient located within the synthetic fibers „Silane Quaternary Ammonium Salt“ (BIOCIDE) prevent odors and the formation of microorganisms on the filter which is harmful to the health



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