

Pocket filter
Polyester PM10 50%
592 x 592 x 500 6 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 50% M5	ePM ₁	7 %	750 kWh/year	C
	ePM _{2,5}	10 %		
	ePM ₁₀	50 %		

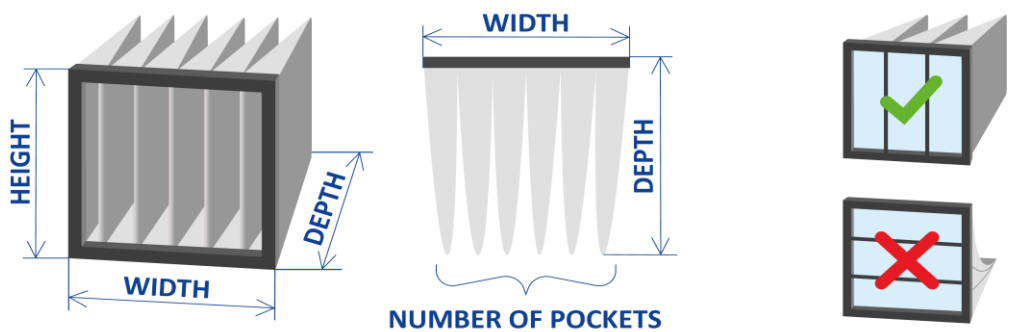


Similar to picture

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 ☐ White

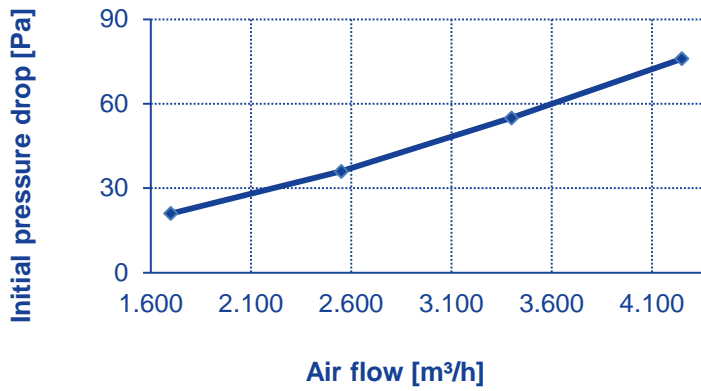


WIDTH	HEIGHT	DEPTH	Number of pockets	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	[mm]	[mm]		[m²]	[m³/h]	[Pa]
592	592	500	6	3,6	3.400	55
490	592	500	5	3	2.800	55
287	592	500	3	1,8	1.700	55
592	287	500	6	1,7	1.600	55
592	490	500	6	2,9	2.700	55
287	287	500	3	0,9	850	55
592	892	500	6	5,4	5.100	55
490	892	500	5	4,5	4.300	55
287	892	500	3	2,7	2.600	55

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 592x592x500x6poc.



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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