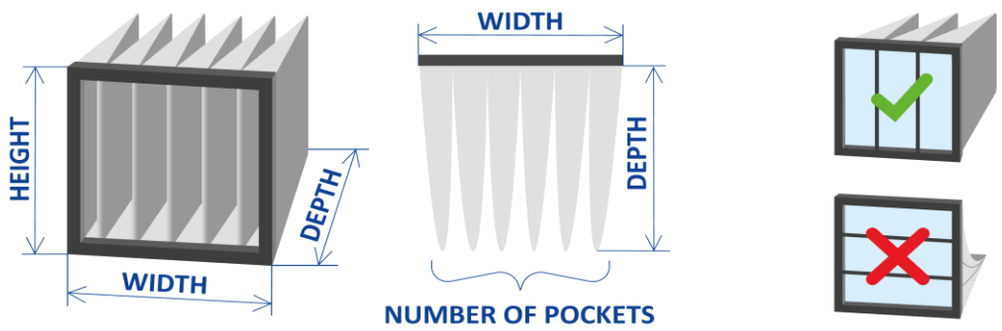
Pocket filter
PROsyntex PM1 65%
592 x 592 x 535 12 poc.

Filter class acc. to ISO 16890 EN 779:2012	Particle efficiency		Energy consumption	Energy class Treshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM1 65% F8	ePM_1 $ePM_{2,5}$ ePM_{10}	65 % 75 % 90 %	> 2.050 kWh/year	E

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	White



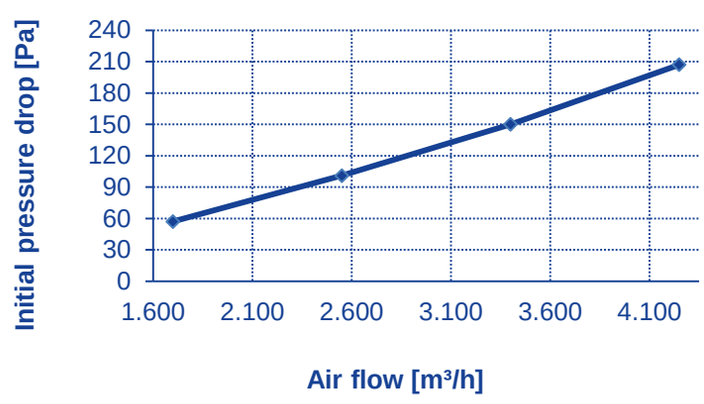
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

WIDTH	HEIGHT	DEPTH	Number of pockets	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	*[mm]*	*[mm]*		*[m²]*	*[m³/h]*	*[Pa]*
592	**592**	**535**	**12**	**7,6**	**3.400**	**150**
490	592	535	10	6,3	2.800	150
287	592	535	6	3,8	1.700	150
592	287	535	12	3,7	1.700	150
592	490	535	12	6,3	2.800	150
287	287	535	6	1,8	800	150
592	892	535	12	11,5	5.100	150
490	892	535	10	9,5	4.300	150
287	892	535	6	5,7	2.600	150

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 592x592x535x12poc.



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

Notice:

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