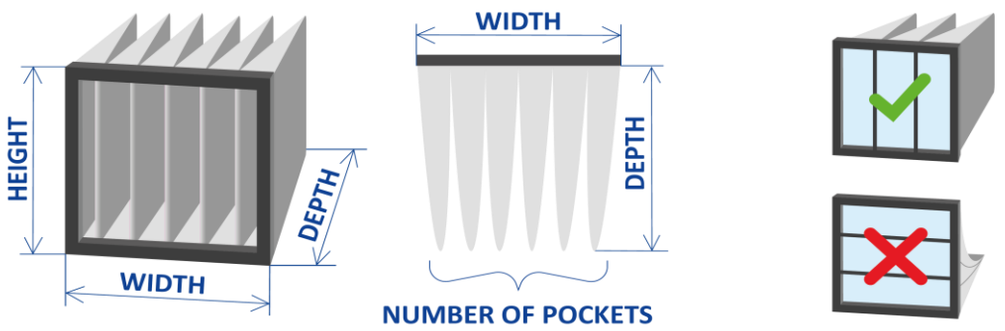
Pocket filter
PROsyntex PM1 65%
592 x 592 x 635 12 poc.

Similar to picture

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 %	1.920 kWh/year	D

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



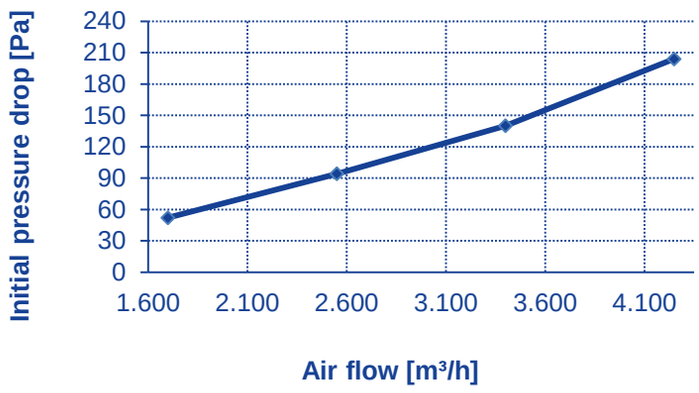
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

WIDTH	HEIGHT	DEPTH	Number of pockets	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	*[mm]*	*[mm]*		*[m²]*	*[m³/h]*	*[Pa]*
592	**592**	**635**	**12**	**9**	**3.400**	**140**
490	592	635	10	7,5	2.800	140
287	592	635	6	4,5	1.700	140
592	287	635	12	4,4	1.700	140
592	490	635	12	7,5	2.800	140
287	287	635	6	2,2	850	140
592	892	635	12	13,6	5.100	140
490	892	635	10	11,3	4.300	140
287	892	635	6	6,8	2.600	140

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 592x592x635x12poc.



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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