

Pocket filter
PROsyntex PM1 55%
592 x 592 x 600 8 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 ePM1 55% F7	ePM ₁	55 %	1.300 kWh/year	C
	ePM _{2,5}	70 %		
	ePM ₁₀	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	EN13501-1;ISO11925-2 (E)

Medium

Media color

Synthetic-progressive microfiber

White

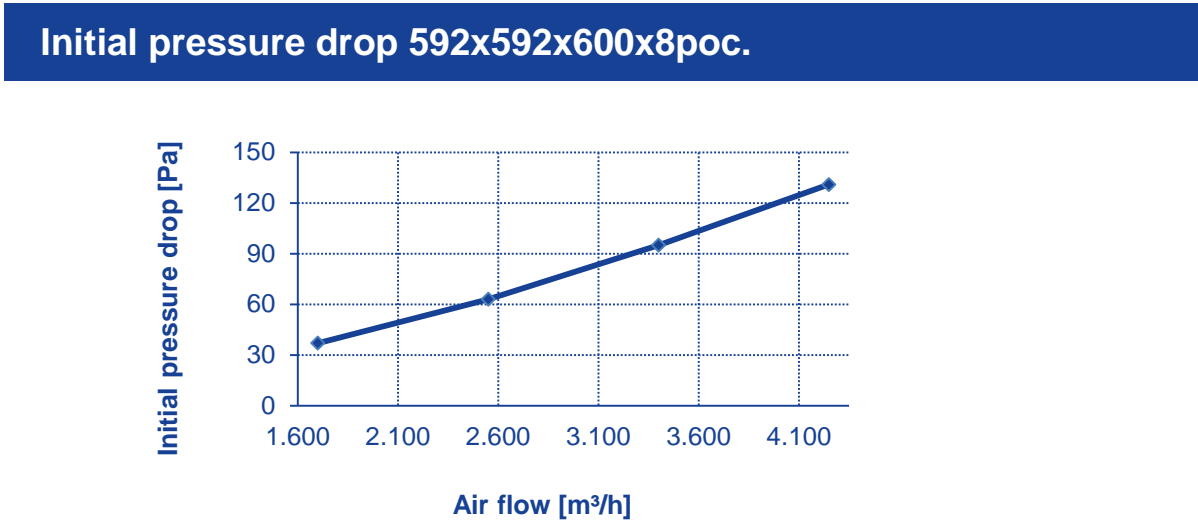
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

WIDTH	HEIGHT	DEPTH	Number of pockets	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	[mm]	[mm]		[m²]	[m³ /h]	[Pa]
592	592	600	8	5,7 (x2)**	3.400	95
490	592	600	6	4,3 (x2)**	2.600	95
287	592	600	4	2,8 (x2)**	1.700	95
* 592	287	600	8	2,8 (x2)**	1.700	95
* 592	490	600	8	4,7 (x2)**	2.800	95
* 287	287	600	4	1,4 (x2)**	850	95
* 592	892	600	8	8,6 (x2)**	5.100	95
* 490	892	600	6	6,4 (x2)**	3.800	95
* 287	892	600	4	4,3 (x2)**	2.600	95

* Sewn version
** Thanks to the wave shape of the filter medium, this filter area is considered to be doubled.

Product benefits:

- Multi-layer structure of the filter media
- Shatter-proof synthetic fibres
- Ultrasonic welded continuous pockets
- Low pressure drop and high dust holding capacity
- Optimal distribution of incoming flow due to optimal pocket opening
- Filter media tested according to OEKO-TEX® Standard 100 for harmful chemical substances (17.0.25812)
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology



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



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