

Pocket filter
PROsyntex PLUS PM1 85%
592 x 592 x 535 10 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 85% F9	ePM ₁	85 %	1.250 kWh/year	A
	ePM _{2,5}	90 %		
	ePM ₁₀	95 %		



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

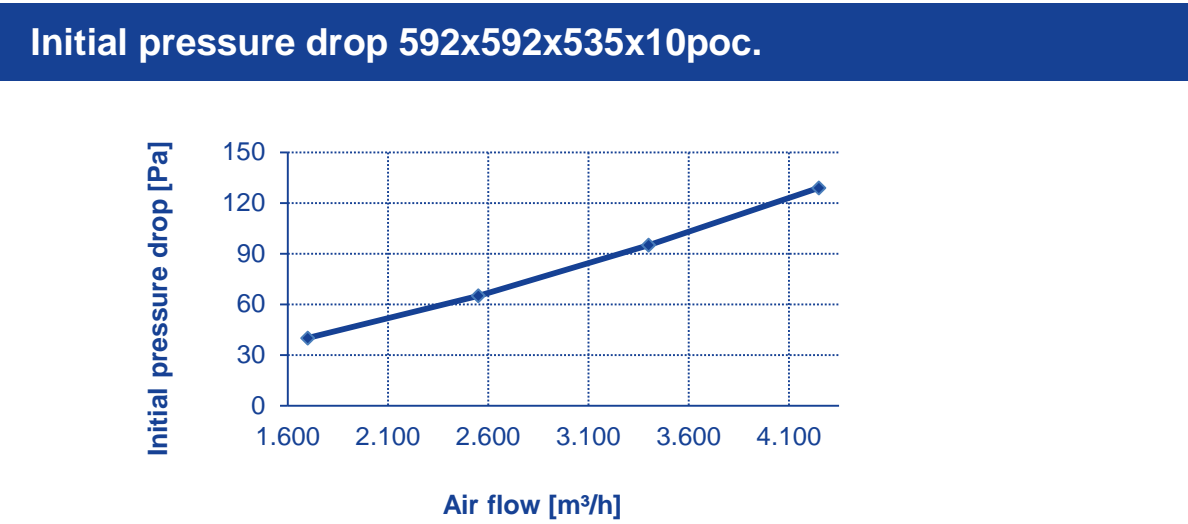
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

WIDTH	HEIGHT	DEPTH	Number of pockets	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	[mm]	[mm]		[m²]	[m³/h]	[Pa]
592	592	535	10	6,3 (x2)**	3.400	95
490	592	535	8	5,1 (x2)**	2.800	95
287	592	535	5	3,2 (x2)**	1.700	95
592	287	535	10	3,1 (x2)**	1.700	95
592	490	535	10	5,2 (x2)**	2.800	95
287	287	535	5	1,5 (x2)**	800	95
592	892	535	10	9,5 (x2)**	5.100	95
490	892	535	8	7,6 (x2)**	4.100	95
287	892	535	5	4,8 (x2)**	2.600	95

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

Product benefits:

- New upgraded generation of synthetic pocket filter
- Multi layer structure of the filter media
- Lowest initial pressure drop in the Syntex-filter serie
- High filtration efficiency
- Up to double dust-holding capacity
- High energy savings
- Life cycle cost reduction
- Lower CO2 emissions
- 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 fram: 20 mm, 25 mm
- Special sizes on request
- Version wit plastic frame fully incinerable
- Optional with foamed hygiene gasket



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