

Pocket filter  
PROsyntex PLUS 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 <sub>1</sub> 55 % ePM <sub>2,5</sub> 70 % ePM <sub>10</sub> 90 %	900 kWh/year	A



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

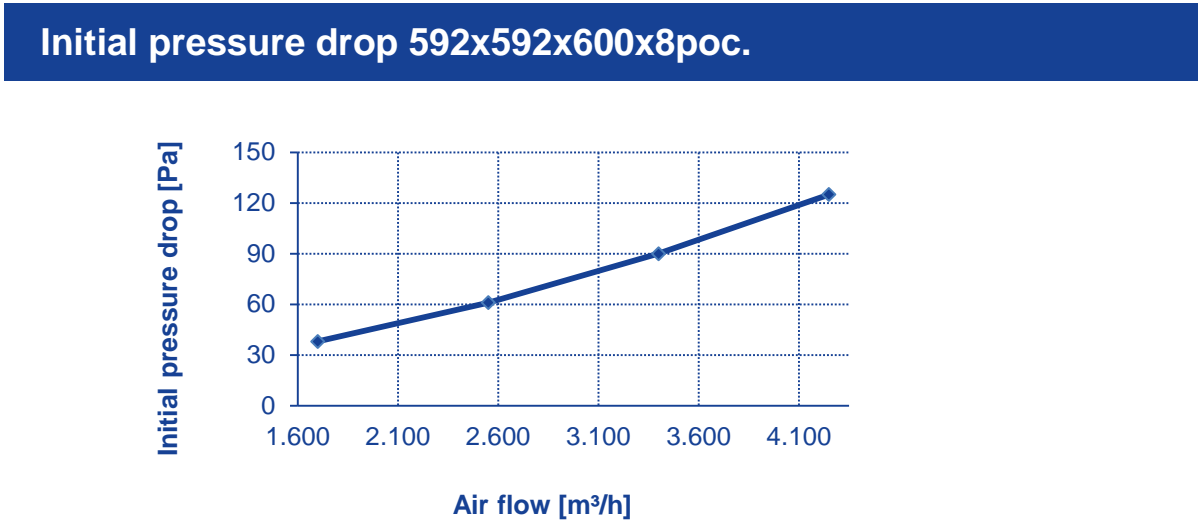
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

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	90
490	592	600	6	4,3 (x2)**	2.600	90
287	592	600	4	2,8 (x2)**	1.700	90
* 592	287	600	8	2,8 (x2)**	1.700	90
* 592	490	600	8	4,7 (x2)**	2.800	90
* 287	287	600	4	1,4 (x2)**	850	90
* 592	892	600	8	8,6 (x2)**	5.100	90
* 490	892	600	6	6,4 (x2)**	3.800	90
* 287	892	600	4	4,3 (x2)**	2.600	90

\* Sewn version  
\*\* 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
- Ultrasonic welded endless pockets
- 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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