

# Pocket filter PROsyntex PLUS PM1 85% 592 x 592 x 635 10 poc.







Filter class acc. to ISO 16890 EN 779:2012	Par	ticle iency	Energy consumption	Energy class Treshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM1 85% F9	ePM <sub>1</sub> ePM <sub>2,5</sub> ePM <sub>10</sub>	85 % 90 % 95 %	1.050 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)

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Similar to picture		
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Medium	Synthetic-progressive i	microfiber
Media color	White	
	WIDTH HIDIW	
HTDIW	NUMBER OF POCKETS	X

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]
<b>592</b>	<b>592</b>	635	10	7,5 (x2)**	3.400	80
490	592	635	8	6 (x2)**	2.700	80
287	592	635	5	3,8 (x2)**	1.700	80
* 592	287	635	10	3,6 (x2)**	1.600	80
* 592	490	635	10	6,2 (x2)**	2.800	80
* 287	287	635	5	1,8 (x2)**	800	80
* 592	892	635	10	11,3 (x2)**	5.100	80
* 490	892	635	8	9,1 (x2)**	4.100	80
* 287	892	635	5	5,7 (x2)**	2.600	80

<sup>\*</sup> Sewn version

### **Product benefits:**

HEIGHT

- 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

# Initial pressure drop 592x592x635x10poc.

# Ted do 90 90 90 1.600 2.100 2.600 3.100 3.600 4.100 Air flow [m³/h]

## **Versions:**

- Plastic frame: 25 mmMetal fram: 20 mm, 25 mm
- Special sizes on request
- Version wit plastic frame fully incinerable
- Optional with foamed hygiene gasket



## Notice:

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<sup>\*\*</sup> Thanks to the wave shape of the filter medium, this filter area is considered to be doubled.