

# Pocket filter

## PROsyntex PLUS PM1 70%

592 x 592 x 635 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 70% F7/F8	ePM <sub>1</sub> 70 % ePM <sub>2,5</sub> 75 % ePM <sub>10</sub> 90 %	1.100 kWh/year	A



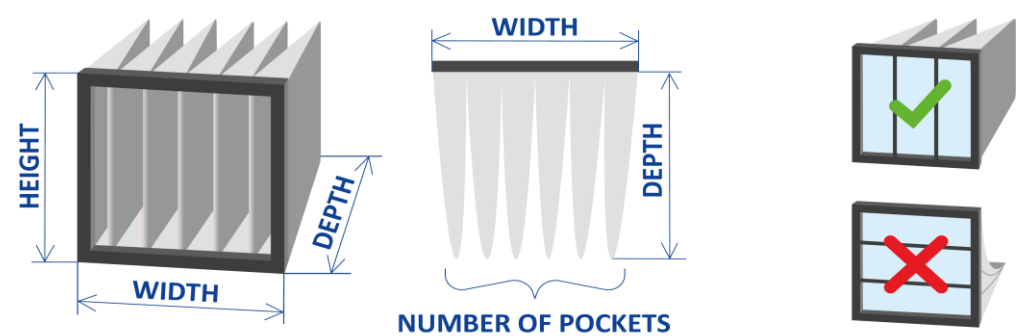
Similar to picture

### 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	DIN 53438-3 (F1)

Medium Synthetic-progressive microfiber

Media color White



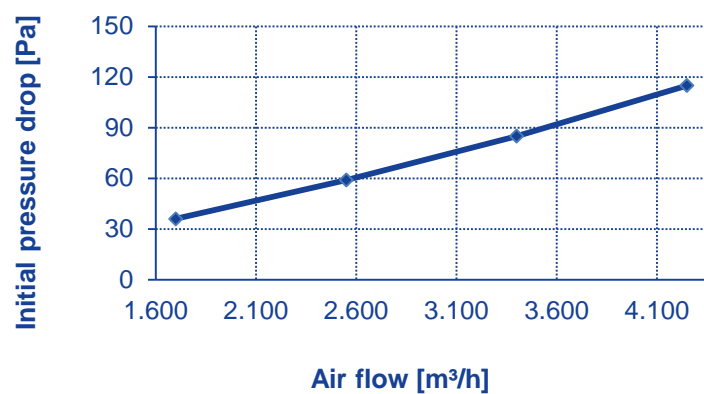
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of pockets	Filter area [m <sup>2</sup> ]	Recommended nominal air flow [m <sup>3</sup> /h]	Initial pressure drop [Pa]
<b>592</b>	<b>592</b>	<b>635</b>	<b>10</b>	<b>7,5</b>	<b>3.400</b>	<b>85</b>
490	592	635	8	6	2.700	85
287	592	635	5	3,8	1.700	85
592	287	635	10	3,6	1.600	85
592	490	635	10	6,2	2.800	85
287	287	635	5	1,8	800	85
592	892	635	10	11,3	5.100	85
490	892	635	8	9,1	4.100	85
287	892	635	5	5,7	2.600	85

### Product benefits:

- New technology introducing shatter-proof synthetic fibres
- Very low pressure drop and high energy efficiency
- Multi-layer structure of the filter media for high dust holding capacity
- Ultrasonic welded continuous pockets
- 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

### Initial pressure drop 592x592x635x10poc.



### 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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