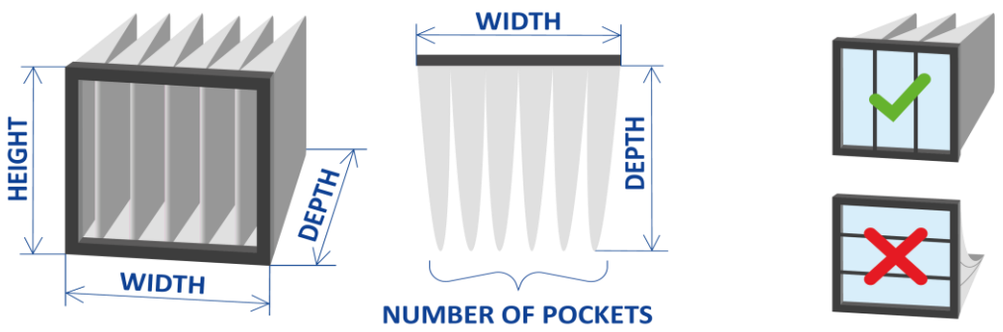
Pocket filter
PROsyntex PLUS PM1 55%
592 x 592 x 635 10 poc.


Similar to picture

Filter class acc. to ISO 16890 EN 779:2012	Particle efficiency		Energy consumption	Energy class Treshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM1 55% F7	ePM_1 $ePM_{2,5}$ ePM_{10}	55 % 70 % 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	Synthetic-progressive microfiber
Media color	White



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

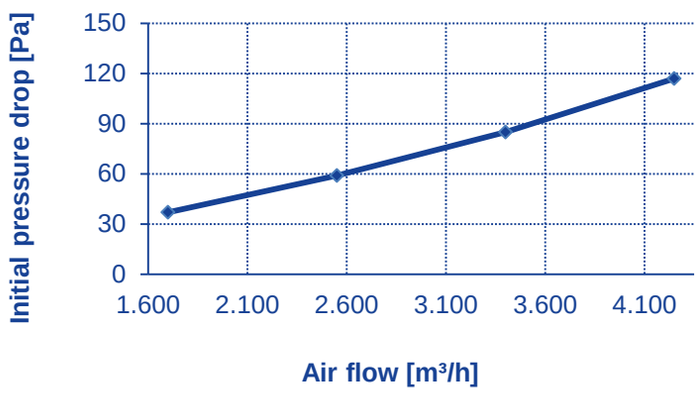
WIDTH	HEIGHT	DEPTH	Number of pockets	Filter area	Recommended nominal air flow	Initial pressure drop
[mm]	*[mm]*	*[mm]*		*[m²]*	*[m³/h]*	*[Pa]*
592	**592**	**635**	**10**	**7,5 (x2)****	**3.400**	**85**
490	592	635	8	6 (x2)**	2.700	85
287	592	635	5	3,8 (x2)**	1.700	85
* 592	287	635	10	3,6 (x2)**	1.600	85
* 592	490	635	10	6,2 (x2)**	2.800	85
* 287	287	635	5	1,8 (x2)**	800	85
* 592	892	635	10	11,3 (x2)**	5.100	85
* 490	892	635	8	9,1 (x2)**	4.100	85
* 287	892	635	5	5,7 (x2)**	2.600	85

** 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

Initial pressure drop 592x592x635x10poc.



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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