

Pocket filter
V-Series PES PM10 50% V55
 592 x 592 x 600 7 poc.



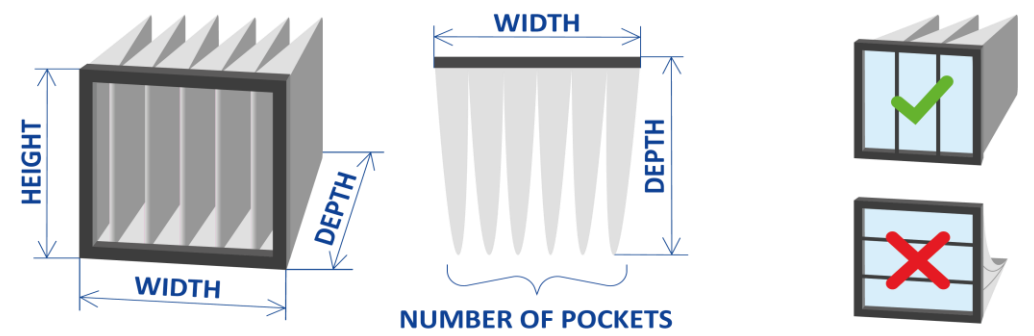
Filter class acc. to ISO 16890	Particle efficiency	Energy consumption	Energy class
EN 779:2012			Threshold reference scale year 2019: (RS 4/C/001-2019)
ISO ePM10 50% M5	ePM ₁ 6 % ePM _{2,5} 10 % ePM ₁₀ 50 %	850 kWh/year	D



Operating conditions:

Max. humidity resistance	100%
Max. temperature	70°C
Recommended final pressure drop	300 Pa
Potential nominal air flow (short term usage possible)	1,25 x nominal air flow
Fire behaviour	DIN 53438-3 (F1)

Medium Polyester
 Media color White

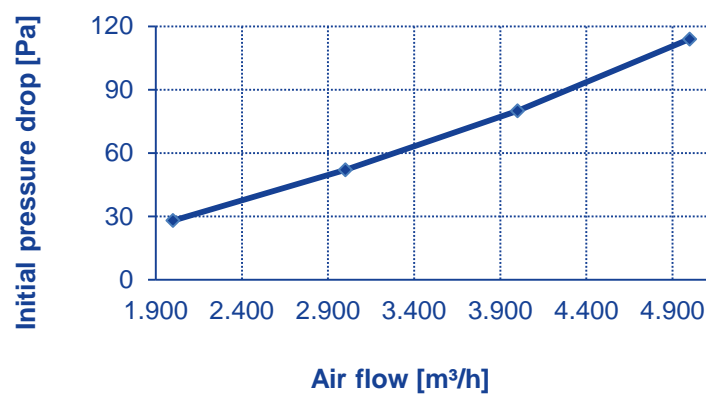


WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of pockets	Filter area [m ²]	Recommended nominal air flow [m ³ /h]	Initial pressure drop [Pa]
592	592	600	7	5	4.000	80
490	592	600	6	4,3	3.400	80
287	592	600	4	2,8	2.200	80

Product benefits:

- Multi-layer structure of the filter media
- Shatter-proof synthetic fibres
- Welded continuous pockets
- Pockets hold their form
- High dust holding capacity and durability
- Very robust inherently rigid construction
- V-shaped pockets allow better air flow
- Testing for paint compatibility by Fraunhofer IPA
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology
- Suitable for use by intake air pre-filtration in coastal, offshore and other high humidity locations (gas turbines, oil and gas industry)

Initial pressure drop 592x592x600x7poc.



Versions:

- Plastic frame: 25mm
- Metal frame: 25mm
- With plastic cover sticks
- Version with plastic frame fully incinerable
- Optional with foamed hygiene gasket



Notice:

All information and illustrations are sole property of Volz and are provided to the best of our company's knowledge. Yet our company does not take over any warranty for the completeness and/ or correctness and cannot be held liable for any damage occurring to the recipient through the use or through her or his trust in the completeness and/ or correctness of the information. The given data are mean values with tolerances due to normal production variations and do not release the recipient from own checks, investigations and test. Furthermore, all data serve as service description and shall not be interpreted as a warranty for composition or service life. Volz reserves the right to change specifications without notice.