

# Compact filter PM2,5 70%



Filter class acc. to ISO 16890 EN 779:2012	Particle efficiency	Energy consumption	Energy class <small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small>
ISO ePM <sub>2,5</sub> 70% F7	ePM <sub>1</sub> 63 % ePM <sub>2,5</sub> 72 % ePM <sub>10</sub> 90 %	1.524 kWh/year	D

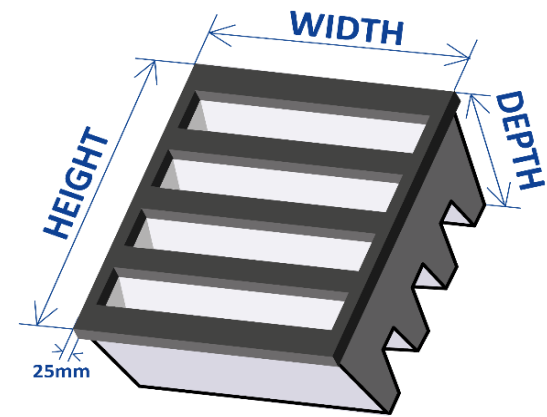


Similar to picture

### Operating conditions:

Max. humidity resistance	100 %
Max. temperature	60 °C
Recommended final pressure drop	650 Pa
Max. airflow (Full size 592 x 592 x 292)	5.000 m <sup>3</sup> /h
Fire behaviour	DIN 53438 - 3 (F1)

Medium High performance nonwoven fabric  
Media color  White

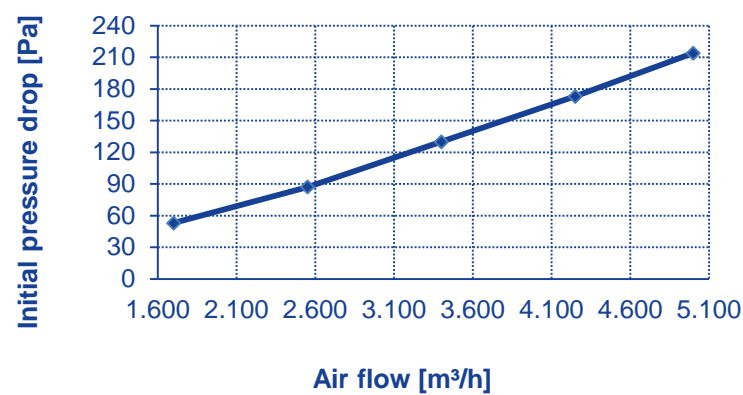


WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of V's	Filter area [m <sup>2</sup> ]	Recommended nominal air flow [m <sup>3</sup> /h]	Initial pressure drop [Pa]
<b>592</b>	<b>592</b>	<b>292</b>	<b>4</b>	<b>19</b>	<b>3.400</b>	<b>130</b>
490	592	292	4	15,0	2.700	130
287	592	292	4	9,5	1.700	130

### Product benefits:

- Shatter proof synthetics fibres
- High dust holding capacity and service life
- The pleated filter packs are arranged in a V-shape
- Stable construction due the ultrasonic welded plastic housing
- Suitable for high air flows
- 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 592x592x292



### Versions:

- All frame components are made from plastic
- Standard sizes with depth 292 mm
- Available option with abrasion-resistant hygiene-gasket
- Available option as **biostatic version**: the biostat agent "Silve-Phosphate-Glass" (BIOCIDE) prevents odors and the formation of microorganisms on the filter which is harmful to the health



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