

Compact filter PM10 55%



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 ePM10 55% M5	ePM ₁ 20 % ePM _{2,5} 35 % ePM ₁₀ 55 %	1.099 kWh/year	D



Similar to picture

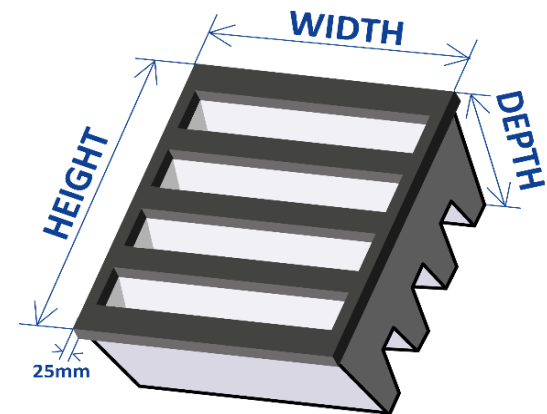
Operating conditions:

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 ³ /h
Fire behaviour	DIN 53438-3 (F1)

Medium

High performance nonwoven fabric

Media color

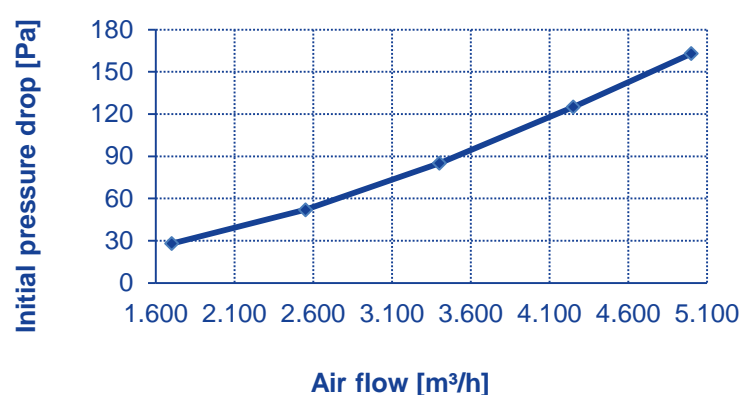


WIDTH [mm]	HEIGHT [mm]	DEPTH [mm]	Number of V's	Filter area [m ²]	Recommended nominal air flow [m ³ /h]	Initial pressure drop [Pa]
592	592	292	4	19	3.400	85
490	592	292	4	15,0	2.700	85
287	592	292	4	9,5	1.700	85

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 "Silver-Phosphate-Glass" (BIOCIDE) prevents odors and the formation of microorganisms on the filter which is harmful to the health



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