

Pocket filter
PROsyntex PM2,5 60%
592 x 592 x 535 12 poc.

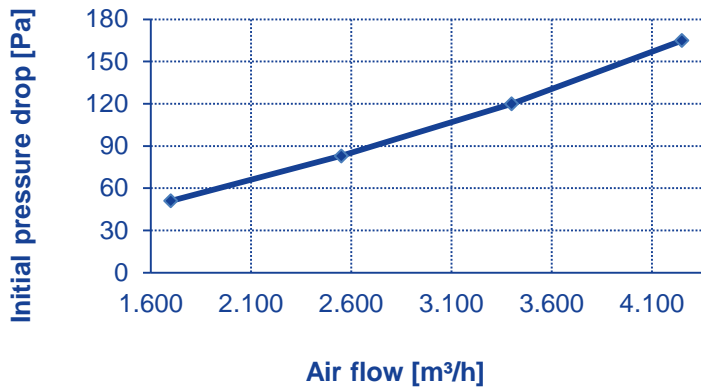


| Filter class acc. to ISO 16890 EN 779:2012 | Particle efficiency | Energy consumption | Energy class <small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small> |
|--|--|-----------------------|--|
| ISO ePM _{2,5} 60% F7 | ePM ₁ 50 % ePM _{2,5} 60 % ePM ₁₀ 90 % | 1.950 kWh/year | D |

| 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) |

| WIDTH | HEIGHT | DEPTH | Number of pockets | Filter area | Recommended nominal air flow | Initial pressure drop |
|-------|--------|-------|----------------------|-------------|------------------------------------|-----------------------------|
| [mm] | [mm] | [mm] | | [m²] | [m³/h] | [Pa] |
| 592 | 592 | 535 | 12 | 7,6 | 3.400 | 120 |
| 490 | 592 | 535 | 10 | 6,3 | 2.800 | 120 |
| 287 | 592 | 535 | 6 | 3,8 | 1.700 | 120 |
| 592 | 287 | 535 | 12 | 3,7 | 1.700 | 120 |
| 592 | 490 | 535 | 12 | 6,3 | 2.800 | 120 |
| 287 | 287 | 535 | 6 | 1,8 | 800 | 120 |
| 592 | 892 | 535 | 12 | 11,5 | 5.100 | 120 |
| 490 | 892 | 535 | 10 | 9,5 | 4.300 | 120 |
| 287 | 892 | 535 | 6 | 5,7 | 2.600 | 120 |

Initial pressure drop 592x592x535x12poc.



Medium

Media color

Synthetic-progressive microfiber

Pink

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

Product benefits:

- Multi-layer structure of filter media consisting of shatter-proof synthetic fibres
- Ultrasonic welded continuous pockets with optimal distribution of incoming flow (pocket fitting)
- Low pressure drop and high dust holding capacity
- Filter media tested according to OEKO-TEX® Standard 100 for harmful chemical substances (17.0.25812)
- the optional BIOSTATIC version can be used when hygiene demands are high and in environments with increased air humidity
- Tested for paint compatibility by Fraunhofer IPA institute (doesn't apply to the biostatic version)
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology

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
- Optional **BIOSTATIC version**: the ingredients located within the synthetic fibers „Silane Quaternary Ammonium Salt“ and "Silver-Phosphate-Glass" (BIOCIDE) prevent odors and the formation of microorganisms on the filter which is harmful to the health



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