

Pocket filter
AIRsyntex PM1 65%
592 x 592 x 500 8 poc.



| Filter class acc. to ISO 16890 | Particle efficiency | Energy consumption | Energy class |
|--------------------------------|--|--------------------|---|
| EN 779:2012 | | | <small>Threshold reference scale year 2019: (RS 4/C/001-2019)</small> |
| ISO ePM1 65% F8 | ePM ₁ 65 % ePM _{2,5} 70 % ePM ₁₀ 90 % | > 2.050 kWh/year | E |



Similar to picture

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) |

Medium Synthetic-progressive microfiber
Media color White

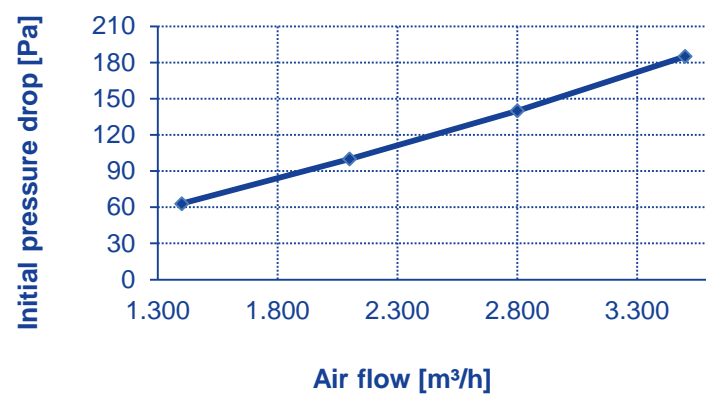
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

| WIDTH [mm] | HEIGHT [mm] | DEPTH [mm] | Number of pockets | Filter area [m²] | Recommended nominal air flow [m³/h] | Initial pressure drop [Pa] |
|------------|-------------|------------|-------------------|------------------|-------------------------------------|----------------------------|
| 592 | 592 | 500 | 8 | 4,7 | 2.800 | 140 |
| 490 | 592 | 500 | 6 | 3,6 | 2.100 | 140 |
| 287 | 592 | 500 | 4 | 2,4 | 1.400 | 140 |
| 592 | 287 | 500 | 8 | 2,3 | 1.400 | 140 |
| 592 | 490 | 500 | 8 | 3,9 | 2.300 | 140 |
| 287 | 287 | 500 | 4 | 1,1 | 650 | 140 |
| 592 | 892 | 500 | 8 | 7,1 | 4.200 | 140 |
| 490 | 892 | 500 | 6 | 5,4 | 3.200 | 140 |
| 287 | 892 | 500 | 4 | 3,6 | 2.100 | 140 |

Product benefits:

- Multi-layer structure of the filter media
- Shatter-proof synthetic fibres
- Welded continuous pockets
- Optimal pocket opening
- Efficient and economical at the same time
- Filter media tested according to OEKO-TEX® Standard 100 for harmful chemical substances (17.0.25812)
- Testing for paint compatibility by Fraunhofer IPA
- For use in air-conditioning and ventilation systems of all kinds

Initial pressure drop 592x592x500x8poc.



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



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