

Pocket filter
PROsyntex PLUS PM1 70%
592 x 592 x 600 8 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 ePM1 70% F7/F8 | ePM ₁ 70 % ePM _{2,5} 75 % ePM ₁₀ 90 % | 1.250 kWh/year | B |



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

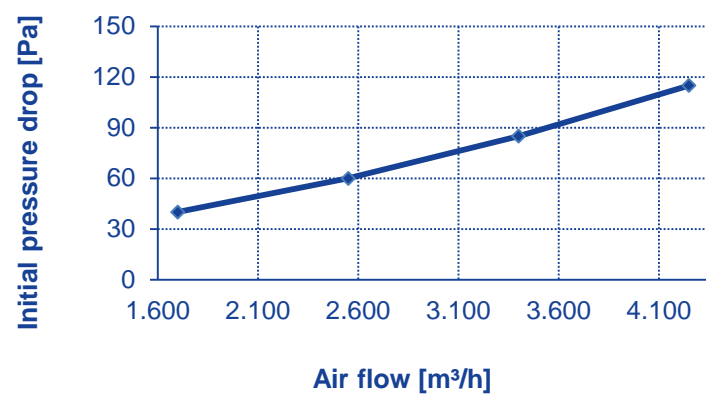
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

| WIDTH [mm] | HEIGHT [mm] | DEPTH [mm] | Number of pockets | Filter area [m ²] | Recommended nominal air flow [m ³ /h] | Initial pressure drop [Pa] |
|------------|-------------|------------|-------------------|-------------------------------|--|----------------------------|
| 592 | 592 | 600 | 8 | 5,7 | 3.400 | 85 |
| 490 | 592 | 600 | 6 | 4,3 | 2.600 | 85 |
| 287 | 592 | 600 | 4 | 2,8 | 1.700 | 85 |
| 592 | 287 | 600 | 8 | 2,8 | 1.700 | 85 |
| 592 | 490 | 600 | 8 | 4,7 | 2.800 | 85 |
| 287 | 287 | 600 | 4 | 1,4 | 850 | 85 |
| 592 | 892 | 600 | 8 | 8,6 | 5.100 | 85 |
| 490 | 892 | 600 | 6 | 6,4 | 3.800 | 85 |
| 287 | 892 | 600 | 4 | 4,3 | 2.600 | 85 |

Product benefits:

- New technology introducing shatter-proof synthetic fibres
- Very low pressure drop and high energy efficiency
- Multi-layer structure of the filter media for high dust holding capacity
- Ultrasonic welded continuous pockets
- Optimal distribution of incoming flow due to optimal pocket opening
- 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

Initial pressure drop 592x592x600x8poc.



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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