

Pocket filter
Ex-Protect PM10 55%
592 x 592 x 360 6 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 ePM10 55% M5 | ePM ₁ 6 % ePM _{2,5} 15 % ePM ₁₀ 55 % | > 1.100 kWh/year | E |

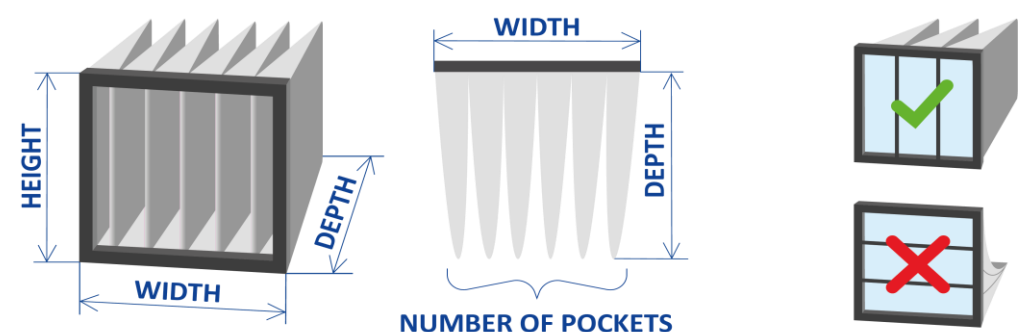


Similar to picture

Operating conditions:

| | |
|--|-------------------------|
| Max. humidity resistance | 100% |
| Max. temperature | 70°C |
| Recommended final pressure drop | 300 Pa |
| Potential nominal air flow (short term usage possible) | 1,25 x nominal air flow |
| Fire behaviour | DIN 53438-3 (F3) |

Medium Synthetic-progressive microfiber
Media color Brown



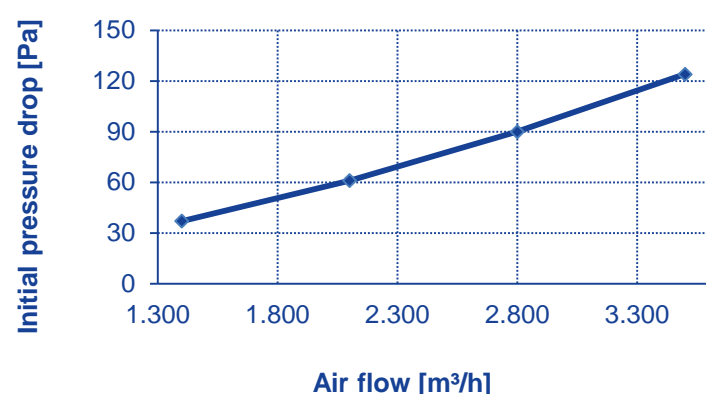
Please note: in EUROVENT database, the depth of the model is extended by 25 mm

| 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 | 360 | 6 | 2,6 | 2.800 | 90 |
| 490 | 592 | 360 | 5 | 2,1 | 2.300 | 90 |
| 287 | 592 | 360 | 3 | 1,3 | 1.400 | 90 |
| 592 | 287 | 360 | 6 | 1,2 | 1.300 | 90 |
| 592 | 490 | 360 | 6 | 2,1 | 2.300 | 90 |
| 287 | 287 | 360 | 3 | 0,6 | 650 | 90 |

Product benefits:

- Shatter-proof synthetic fibres with integrated metal mesh
- Individual stitched pockets
- Electroconductive media with integrated metal mesh
- Ex-Protect filters will not gain electrostatic charge
- For air filtration in aerial engineering plants with dangerous, combustible atmospheres (mixtures of air and burnable gases or steams)
- Device category 2, group II according to EU directive 2014/34 / EU and EN 1127-1: 2011, EN ISO 80079-36: 2016, EN ISO 80079-37: 2016, type of protection Ex "c" suitable for atmospheres with gas, steam, fog or dust.
- Suitable for use in potentially explosive areas of zones 1, 2 and 21, 22 in accordance with EU Directive 1999/92 / EC. (Conductive dusts are to be excluded from the application)

Initial pressure drop 592x592x360x6poc.



Versions:

- Sewn construction
- Special sizes on request
- With galvanized metal frame (inner and outer frames)
- Available with grounding flag or grounding pin
- Manufacturers declaration is included with each filter



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