FPF series exhaust filter and filter fans represents a side-mounted cooling solution with filtered ambient air to maintain optimum ventilation inside the electrical cabinets. These units have a flat external profile and a quick snap-on fastening system with elastic hooks. Available in different range of sizes, airflow ratings and configurations.

| Technical data |  |  |
| :---: | :---: | :---: |
| APPROVALS |  |  |
| Approvals | CE; cURus; UKCA |  |
| PERFORMANCE |  |  |
| Max Airflow | $\begin{aligned} & 240 / 270 \\ & 141 / 159 \end{aligned}$ | $\begin{aligned} & \mathrm{m}^{3} / \mathrm{h} \\ & \text { CFM } \end{aligned}$ |
| Max Static Pressure | $\begin{gathered} 111 / 134 \\ 0.45 / 0.54 \end{gathered}$ | $\begin{gathered} \mathrm{Pa} \\ \text { in } \mathrm{H} 2 \mathrm{O} \end{gathered}$ |
| ELECTRICAL DATA |  |  |
| Rated Voltage | 230 | V a.c. |
| Rated Current | 0.132/0.13 | A |
| Rated Power | 29/29 | W |
| Operating Voltage | 207-253 | V a.c. |
| Frequency | 50/60 | Hz |
| Appliance Class | 1 |  |
| Motor Protection | Thermally Protected |  |
| MECHANICAL DATA |  |  |
| Mounting Wall Thickness | $\begin{gathered} 1.5-2.2 \\ 0.06-0.09 \end{gathered}$ | $\begin{gathered} \mathrm{mm} \\ \text { in } \end{gathered}$ |
| GENERIC DATA |  |  |
| RAL Number | 7035 |  |
| Airflow Direction | Direct |  |
| Electrical Connection | Terminal Block |  |

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| Technical data |  |  |
| :---: | :---: | :---: |
| Life Expectancy | 40000 | h at $40^{\circ} \mathrm{C}$ |
|  | 40000 | h at $104{ }^{\circ} \mathrm{F}$ |
| Wires Section | 1－2．5 | $\mathrm{mm}^{2}$ |
| Wires Section | 18－12 | AWG |
| Fan Noise | 50／55 | dB（A） |
| Filter Class | G3 | EN 779 |
| Filter Class | ISO coarse 55\％ | ISO 16890 |
| Filter Material | thermo－linked progressive structure synthetic fibre |  |
| ENVIRONMENTAL AND THERMAL DATA |  |  |
| IP Protection Degree | IP54 |  |
| Operating Temperature | －10 $\div 50$ | ${ }^{\circ} \mathrm{C}$ |
|  | 14：122 | ${ }^{\circ} \mathrm{F}$ |
| Storage Temperature | －40 70 | ${ }^{\circ} \mathrm{C}$ |
|  | $-40 \div 158$ | ${ }^{\circ} \mathrm{F}$ |
| UL DATA |  |  |
| UL File Number Recognized Component | E237844 |  |
| UL Environmental Type Rating | Type 12 |  |
| UL Ambient Temperature | 50 | ${ }^{\circ} \mathrm{C}$ |
|  | 122 | ${ }^{\circ} \mathrm{F}$ |

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