standard with fan

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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             | 110/120             | m³/h   |
|                         | 65/71               | CFM    |
| Max Static Pressure     | 68/82               | Pa     |
|                         | 0.27/0.33           | in H2O |
| ELECTRICAL DATA         |                     |        |
| Rated Voltage           | 115                 | V a.c. |
| Rated Current           | 0.21/0.18           | А      |
| Rated Power             | 20/18               | W      |
| Operating Voltage       | 85-125              | V a.c. |
| Frequency               | 50/60               | Hz     |
| Appliance Class         | ı                   |        |
| Motor Protection        | Impedance Protected |        |
| MECHANICAL DATA         |                     |        |
| Mounting Wall Thickness | 1.5-2.2             | mm     |
|                         | 0.06-0.09           | in     |
| Bearing                 | Ball Bearing        |        |
| GENERIC DATA            |                     |        |
| RAL Number              | 7035                |        |



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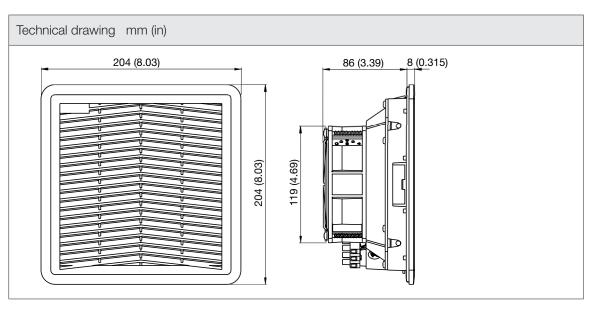
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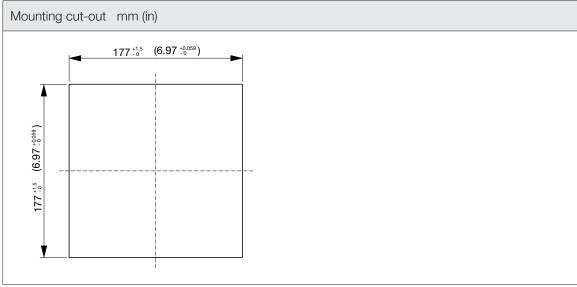
| Technical data                      |   |             |  |
|-------------------------------------|---|-------------|--|
| Life Expectancy                     | 40000   | h at 40 °C  |  |
|                                     | 40000   | h at 104 °F |  |
| Airflow Direction                   | Direct  |             |  |
| Electrical Connection               | Terminal Block                                      |             |  |
| Wires Section                       | 1-2.5   | mm²         |  |
| Wires Section                       | 18-12   | AWG         |  |
| Fan Noise                           | 46/50   | 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÷50  | °C          |  |
|                                     | 14÷122  | °F          |  |
| Storage Temperature                 | -40÷70  | °C          |  |
|                                     | -40÷158   | °F          |  |
| UL DATA                             |   |             |  |
| UL File Number Recognized Component | E237844   |             |  |
| UL Environmental Type Rating        | Type 12   |             |  |
| UL Ambient Temperature              | 50  | °C          |  |
|                                     | 122   | °F          |  |



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