



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; UKCA            |        |
| PERFORMANCE             |                     |        |
| Max Airflow             | 660/745             | m³/h   |
|                         | 388/438             | CFM    |
| Max Static Pressure     | 220/222             | Pa     |
|                         | 0.88/0.89           | in H2O |
| ELECTRICAL DATA         |                     |        |
| Rated Voltage           | 115                 | V a.c. |
| Rated Current           | 0.96/1.3            | A      |
| Rated Power             | 107/143             | W      |
| Operating Voltage       | 103.5-126.5         | V a.c. |
| Frequency               | 50/60               | Hz     |
| Appliance Class         | I                   |        |
| Motor Protection        | Thermally Protected |        |
| MECHANICAL DATA         |                     |        |
| Mounting Wall Thickness | 1.5-2.2             | mm     |
|                         | 0.06-0.09           | in     |
| Bearing                 | Ball Bearing        |        |
| GENERIC DATA            |                     |        |
| RAL Number              | 7032                |        |

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FPF20KGR115BE-120

standard with fan

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| Technical data                 |                                                     |            |
|--------------------------------|-----------------------------------------------------|------------|
| Life Expectancy                | 70000                                               | h at 25 °C |
|                                | 70000                                               | h at 77 °F |
| Airflow Direction              | Direct                                              |            |
| Electrical Connection          | Screwless Terminal Block                            |            |
| Wires Section                  | 0.75-2.5                                            | mm²        |
| Wires Section                  | 20-14                                               | AWG        |
| Fan Noise                      | 74.7/78.9                                           | 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÷55                                              | °C         |
|                                | 14÷131                                              | °F         |
| Storage Temperature            | -30÷75                                              | °C         |
|                                | -22÷167                                             | °F         |

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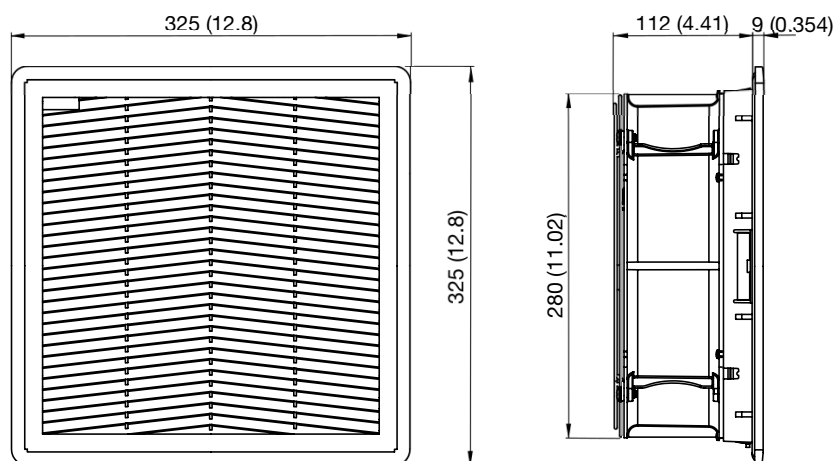
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Technical drawing mm (in)



Mounting cut-out mm (in)

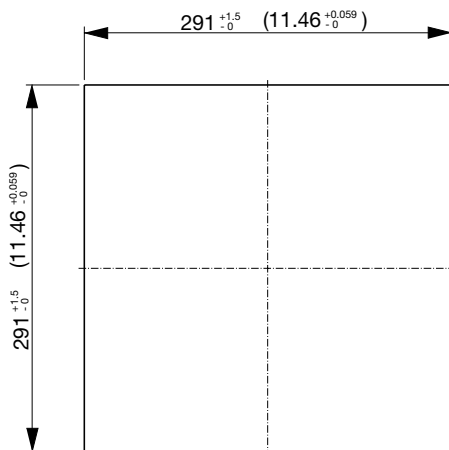


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Air performance

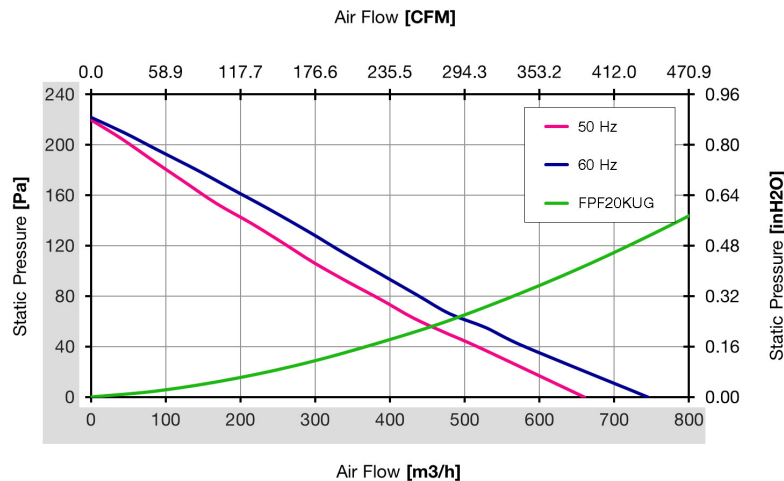


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