



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              | 15                       | m³/h       |
|                          | 9                        | CFM        |
| Max Static Pressure      | 24                       | Pa         |
|                          | 0.10                     | in H2O     |
| ELECTRICAL DATA          |                          |            |
| Rated Voltage            | 24                       | V d.c.     |
| Rated Current            | 0.15                     | A          |
| Rated Power              | 3.6                      | W          |
| Operating Voltage        | 10-27.6                  | V d.c.     |
| Motor Protection         | Electronically Protected |            |
| MECHANICAL DATA          |                          |            |
| Mounting Wall Thickness  | 1.5-2.2                  | mm         |
|                          | 0.06-0.09                | in         |
| Bearing                  | Ball Bearing             |            |
| GENERIC DATA             |                          |            |
| Spare Parts Filter Media | M08FPF                   |            |
| RAL Number               | 7032                     |            |
| Life Expectancy          | 70000                    | h at 25 °C |
|                          | 70000                    | h at 77 °F |

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FPF08KRD24B-110

standard with fan

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VENTILATION SYSTEMS

| Technical data                      |   |           |
|-------------------------------------|---|-----------|
| Airflow Direction                   | Direct  |           |
| Electrical Connection               | Wires   |           |
| Wires Section                       | 24  | AWG       |
| Fan Noise                           | 32.5  | dB(A)     |
| Filter Class                        | G3  | EN 779    |
| Filter Class                        | ISO coarse 55%                                      | ISO 16890 |
| Filter Material                     | thermo-linked progressive structure synthetic fibre |           |
| Cable Length                        | 200   | mm        |
|                                     | 7.87  | in        |
| 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        |

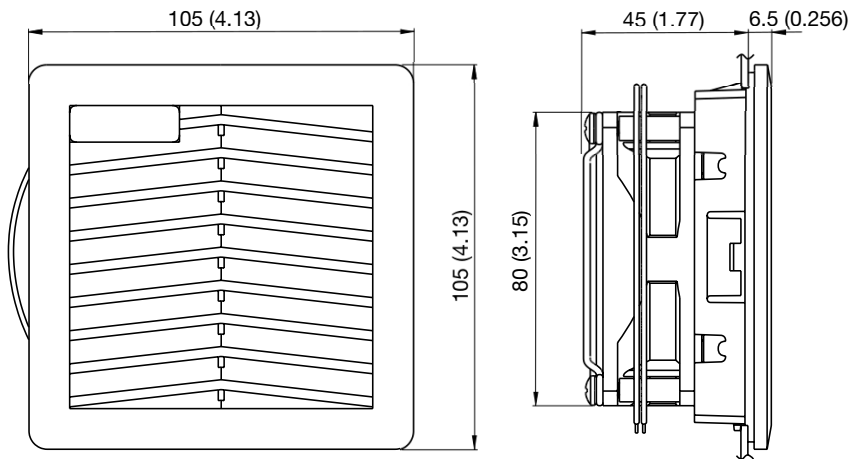
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Technical drawing mm (in)



Mounting cut-out mm (in)

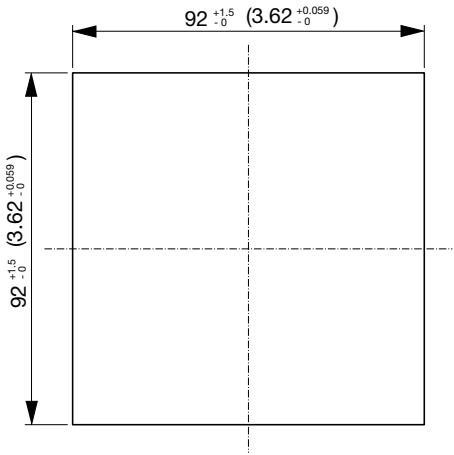


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Air performance

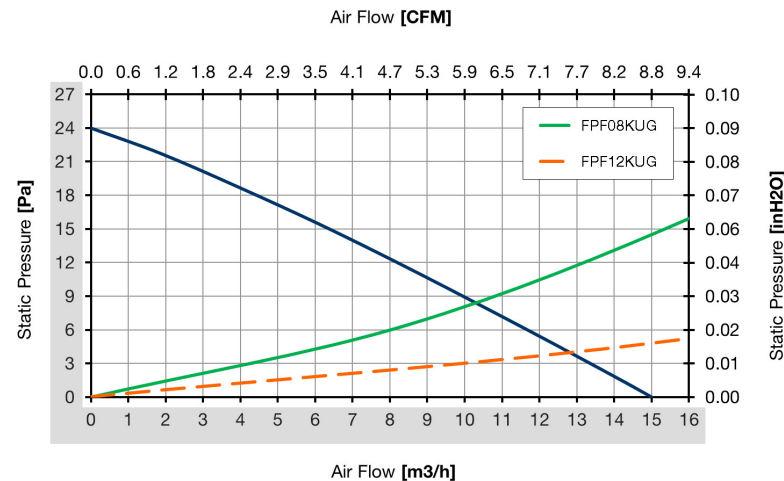


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