

FF12A230NN53

Type 3R version with fan

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FF series exhaust filter and filter fans represents a side-mounted cooling solution with filtered ambient air to maintain optimum ventilation inside the electrical cabinets. Screwless connection, fast tool-free mounting system with clip and maintenance friendliness are the main benefits. Available in a wide range of configurations for both indoor and outdoor use.

| Technical data | | |
|-----------------------------|------------------------|--------|
| APPROVALS | | |
| Approvals | CE; cURus; cULus; UKCA | |
| PERFORMANCE | | |
| Max Airflow | 50/60 | m³/h |
| | 29/35 | CFM |
| Airflow with Exhaust Filter | 32/38 | m³/h |
| | 19/22 | CFM |
| Max Static Pressure | 66/82 | Pa |
| | 0.26/0.33 | in H2O |
| ELECTRICAL DATA | | |
| Rated Voltage | 230 | V a.c. |
| Rated Current | 0.13/0.1 | A |
| Rated Power | 18/16 | W |
| Operating Voltage | 184-253 | V a.c. |
| Frequency | 50/60 | Hz |
| Appliance Class | I | |
| Motor Protection | Thermally Protected | |
| MECHANICAL DATA | | |
| Mounting Wall Thickness | 1.3-3.2 | mm |
| | 0.05-0.13 | in |
| Bearing | Ball Bearing | |

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VENTILATION SYSTEMS

| Technical data | | |
|-------------------------------------|---|------------|
| GENERIC DATA | | |
| Spare Parts Filter Media | M12FPF | |
| Casing Material | PBT UL94 5VB | |
| RAL Number | 9005 | |
| Life Expectancy | 100000 | h at 25 °C |
| | 100000 | h at 77 °F |
| Airflow Direction | Direct | |
| Electrical Connection | Screwless Terminal Block | |
| Wires Section | 0.75-2.5 | mm² |
| Wires Section | 28-14 | AWG |
| Fan Noise | 40/44 | dB(A) |
| Filter Class | G4 | EN 779 |
| Filter Class | ISO coarse 75% | ISO 16890 |
| Filter Material | thermo-linked progressive structure synthetic fibre | |
| ENVIRONMENTAL AND THERMAL DATA | | |
| IP Protection Degree | IP55 | |
| Operating Temperature | -10÷55 | °C |
| | 14÷131 | °F |
| Storage Temperature | -40÷70 | °C |
| | -40÷158 | °F |
| UL DATA | | |
| UL File Number Recognized Component | E237844 | |
| UL File Number Listed | E500932 | |
| UL Environmental Type Rating | Type 3R | |
| UL Surrounding Temperature | 55 | °C |
| | 131 | °F |

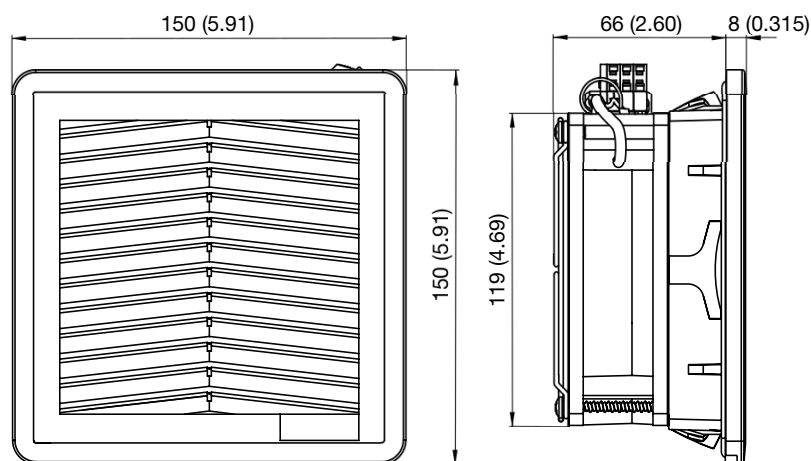
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Technical drawing mm (in)



Mounting cut-out mm (in)

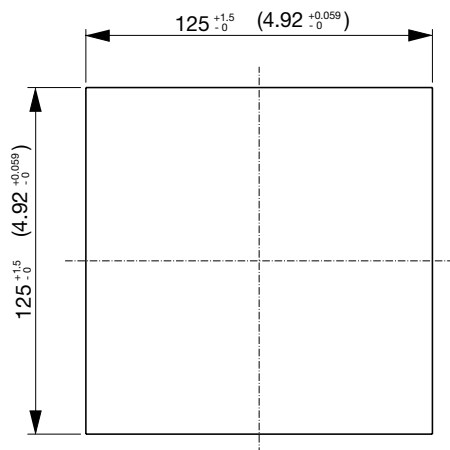


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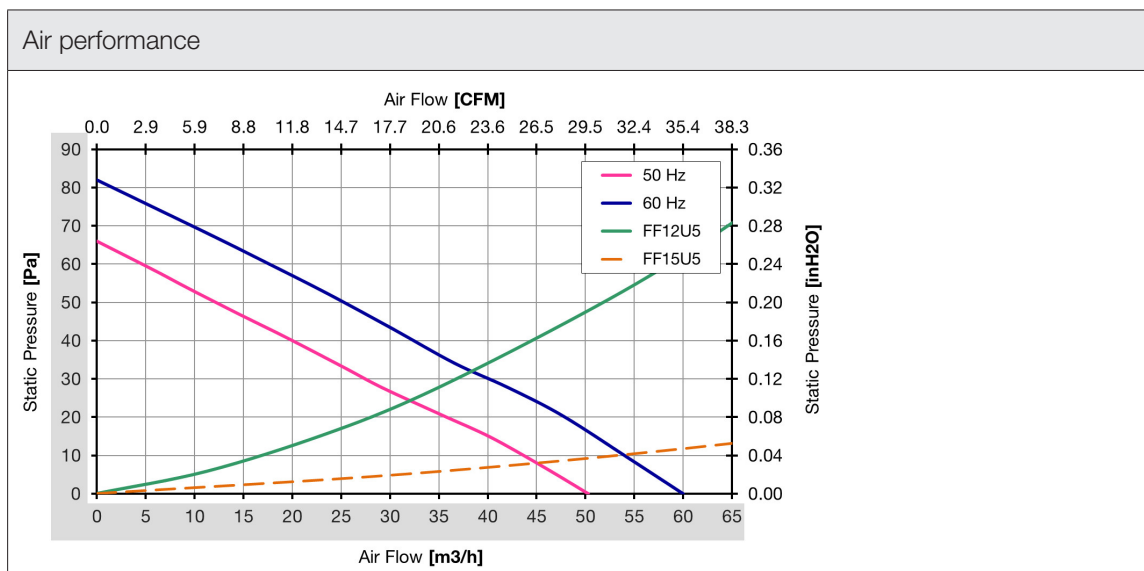


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