| FF13PA230UN5 | IP55 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; cCSAus; UKCA | |
| **PERFORMANCE** | | |
| Max Airflow | 94/110 | m³/h |
| | 55/65 | CFM |
| Airflow with Exhaust Filter | 62/75 | m³/h |
| | 36/44 | CFM |
| Max Static Pressure | 68/84 | Pa |
| | 0.27/0.34 | in H2O |
| **ELECTRICAL DATA** | | |
| Rated Voltage | 230 | V a.c. |
| Rated Current | 0.126/0.11 | A |
| Rated Power | 19/17 | 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 | |

**FF13PA230UN5** | IP55 version with fan

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## Technical data

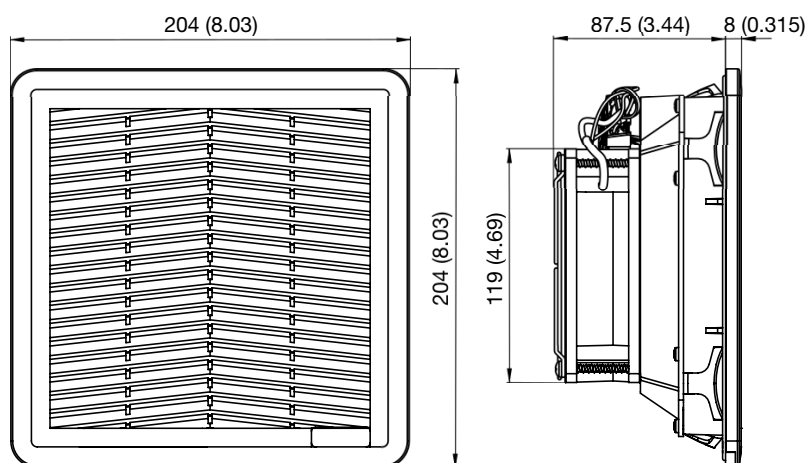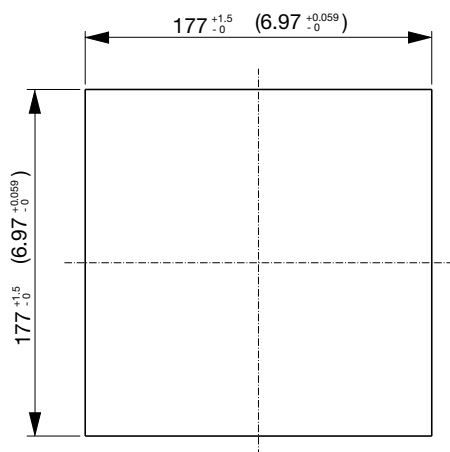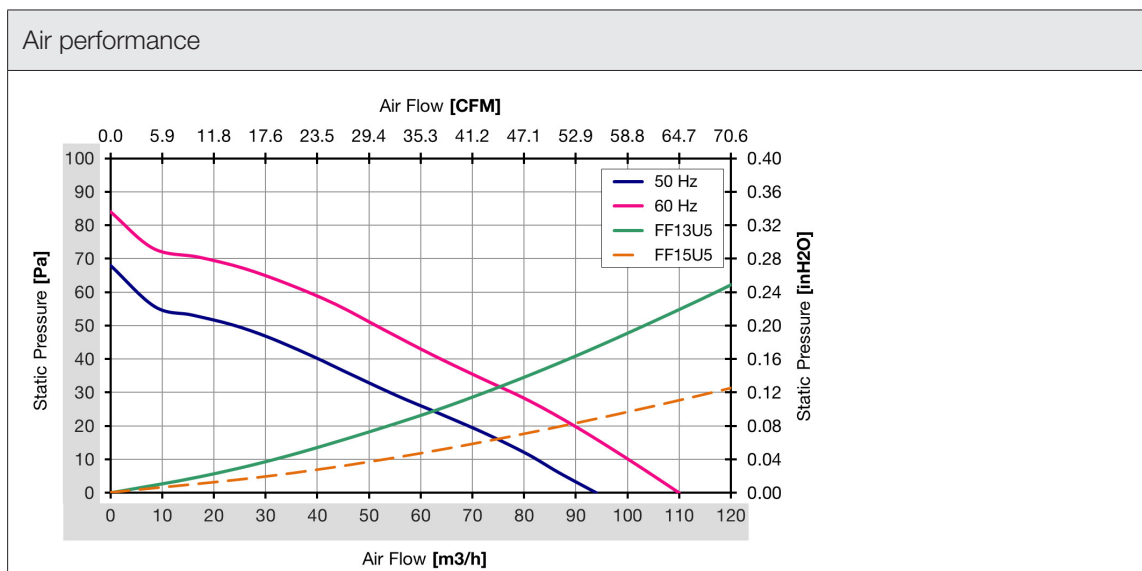| GENERIC DATA | | |
|---|---|---|
| Spare Parts Filter Media | M13FPF | |
| Casing Material | PC/ABS UL94 V-0 | |
| RAL Number | 7035 | |
| Life Expectancy | 100000 | h at 25 °C |
| | 100000 | h at 77 °F |
| Airflow Direction | Direct | |
| Electrical Connection | Screwless Terminal Block | |
| Wires Section | 0.75-2.5 | mm² |
| Wires Section | 20-14 | 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 12 | |
| UL Surrounding Temperature | 55 | °C |
| | 131 | °F |

Image is for illustrative purpose only. All specifications, data and drawing are subject to change without notice. Please refer to our terms of sales including our warranty and limited liabilities clauses.

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## Technical drawing   mm (in)

204 (8.03)

204 (8.03)

87.5 (3.44)    8 (0.315)

119 (4.69)

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## Mounting cut-out   mm (in)

177 $^{+1.5}_{-0}$   (6.97 $^{+0.059}_{-0}$)

177 $^{+1.5}_{-0}$   (6.97 $^{+0.059}_{-0}$)

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**VENTILATION SYSTEMS**

**FF13PA230UN5** | IP55 version with fan

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## Air performance



Air Flow **[CFM]**

Air Flow **[m3/h]**

Legend:
- 50 Hz
- 60 Hz
- FF13U5
- FF15U5

Static Pressure **[Pa]** / Static Pressure **[inH2O]**