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Part # 01884.9-40, FPO 018 Air Exhaust Fan NO flaps 230.1cfm, 115VAC, 11.46x11.46" (291x291mm), G3 filter mat

- New air-flap outlet technology for high airflow
- Easy mounting
- Protection type/Environmental ratings by independent testing agencies (VDE & UL)
- Two optional systems for optimal airflow (FPI/FPO)
- Industry-common enclosure cut-out sizes (5 sizes)
- Single filter mat system design

Filter fans are used to provide "cooling" by forced air-circulation in enclosures and cabinets containing electrical/ electronic and other components. The interior temperature of an enclosure can be reduced by [more](#)


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Specifications

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|--|----------------------|
| Operating Voltage | AC 115 V, 50/60 Hz |
| Air Volume, Free Blowing | 413.8 cfm (703 m3/h) |
| Air Volume with Exhaust Filter | 230.1 cfm (391 m3/h) |
| Current Consumption (50/60 Hz) | 660/800 mA |
| Power Consumption | 90 W |
| Average Noise Level (DIN EN ISO 4871) | 62 dB (A) |
| Mounting Depth | 6.3 inches (160 mm) |
| Weight (approx.) | 7.0 lbs. (3.2 kg) |

Technical Data

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| Axial Fan, Ball Bearing | service life L10 at +104 °F (+40 °C): min. 76,000 h metal impeller |
| Connection | 3-pole clamp for AWG 14 (2.5 mm ²), clamping torque 0.8 Nm max. |
| Housing, Hood, Flaps | plastic UL 94V-0, light grey; UV light resistant according to UL 746C (f1) |
| Enclosure Cut-Out | 11.46 x 11.46+0.04 inches (291 x 291+1 mm) |
| Mounting Frame¹ | 4 built-in ratchet push levers for mounting (6 ratchet stops to accommodate for wall thicknesses Gauge 9 to 19 or 1-4 mm). Additional screw mounting possible if needed. |
| Filter Mat | G3 acc. to DIN EN 779, average arrestance Aa 84 % |
| Filter Material | synthetic mesh with progressive construction, temperature resistant to +212 °F (+100 °C), self-extinguishing class F1, moisture resistant to 100 % RH, reusable |
| Operating Temperature | 50 Hz: -13 to +131 °F (-25 to +55 °C) 60 Hz: -13 to +95 °F (-25 to +35 °C) |
| Storage Temperature | -40 to +158 °F (-40 to +70 °C) |
| Operating/Storage Humidity | max. 75 % RH (non-condensing) |
| Protection Type/Protection Class | IP54 / I (grounded) |
| Environmental Rating UL/NEMA | UL TYPE 12 / NEMA 12 |
| Approvals | VDE, UL File No. E234324, EAC |
| Note | other voltages on request |

¹ Drilling hole markings for screw mounting are indicated on mounting frame.