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Part # 01880.9-40, FPO 018 Air Exhaust Fan NO flaps 11.2cfm, 115VAC, 3.62x3.62" (92x92mm)

- 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

Operating Voltage	AC 115 V, 50/60 Hz
Air Volume, Free Blowing	18.8 cfm (32 m ³ /h)
Air Volume with Exhaust Filter	11.2 cfm (19 m ³ /h)
Current Consumption (50/60 Hz)	115 mA
Power Consumption	12 W
Average Noise Level (DIN EN ISO 4871)	41 dB (A)
Mounting Depth	2.8 inches (72 mm)
Weight (approx.)	1.3 lbs. (0.6 kg)

Technical Data

Axial Fan, Ball Bearing	service life L10 at +104 °F (+40 °C): min. 50,000 h fan body aluminum, metal impeller
Connection	2 stranded wires, 11.8 inches (300 mm) long
Housing, Hood, Flaps	plastic UL 94V-0, light grey; UV light resistant according to UL 746C (f1)
Enclosure Cut-Out	3.62 x 3.62+0.04 inches (92 x 92+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/Storage Temperature	-40 to +158 °F (-40 to +70 °C)
Operating/Storage Humidity	Max. 90 % 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.