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**Part # 01883.9-40, FPO 018 Air Exhaust Fan NO flaps 182.5cfm, 115VAC, 8.78x8.78" (223x223mm), 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](#)


[Specifications](#) | [Technical Data](#)
**Specifications**

<b>Operating Voltage</b>	AC 115 V, 50/60 Hz
<b>Air Volume, Free Blowing</b>	342.0 cfm (581 m3/h)
<b>Air Volume with Exhaust Filter</b>	182.5 cfm (310 m3/h)
<b>Current Consumption (50/60 Hz)</b>	600/700 mA
<b>Power Consumption</b>	81 W
<b>Average Noise Level (DIN EN ISO 4871)</b>	68 dB (A)
<b>Mounting Depth</b>	3.1 inches (147 mm)
<b>Weight (approx.)</b>	5.3 lbs. (2.4 kg)

## Technical Data

<b>Axial Fan, Ball Bearing</b>	service life L10 at +104 °F (+40 °C): min. 56,000 h metal impeller
<b>Connection</b>	3-pole clamp for AWG 14 (2.5 mm <sup>2</sup> ), clamping torque 0.8 Nm max.
<b>Housing, Hood, Flaps</b>	plastic UL 94V-0, light grey; UV light resistant according to UL 746C (f1)
<b>Enclosure Cut-Out</b>	8.78 x 8.78+0.04 inches (223 x 223+1 mm)
<b>Mounting Frame<sup>1</sup></b>	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.
<b>Filter Mat</b>	G3 acc. to DIN EN 779, average arrestance Aa 84 %
<b>Filter Material</b>	synthetic mesh with progressive construction, temperature resistant to +212 °F (+100 °C), self-extinguishing class F1, moisture resistant to 100 % RH, reusable
<b>Operating Temperature</b>	-13 to +149 °F (-25 to +65 °C)
<b>Storage Temperature</b>	-40 to +158 °F (-40 to +70 °C)
<b>Operating/Storage Humidity</b>	max. 75 % RH (non-condensing)
<b>Protection Type/Protection Class</b>	IP54 / I (grounded)
<b>Environmental Rating UL/NEMA</b>	UL TYPE 12 / NEMA 12
<b>Approvals</b>	VDE, UL File No. E234324, EAC
<b>Note</b>	other voltages on request

<sup>1</sup> Drilling hole markings for screw mounting are indicated on mounting frame.