

# MA2082-HVL.GN SUNON 230V 80x80x25mm AC Axial Fan

**SKU:** MA2082-HVL.GN

**Price:** \$16.99

**Categories:** Fans

**Tags:** SUNON

**Product Link:**

<https://www.electspares.com/product/ma2082-hvl-gn-sunon-230v-80x80x25mm-ac-axial-fan/>

---

## Product Description

---

The SUNON MA2082-HVL.GN is a high-performance 230VAC single-phase AC Axial Fan with overall Dimensions of 80 x 80 x 25 mm and an Impeller Size of 76 mm. Specifically engineered for mission-critical cooling in high-density power supply units and medical instrumentation, this 80 mm unit is driven by a high-efficiency motor with maintenance-free ball bearings. Operating on a 230 VAC supply (voltage range 220 - 240 VAC), it delivers a Power Consumption of 4.6 W and a Current Draw of 0.215 A (50 Hz) / 0.225 A (60 Hz) at a rated speed of 3200 / 3300 RPM. This unit provides a Max. Air Flow of 41.0 CFM (69.7 m<sup>3</sup>/h / 1.16 m<sup>3</sup>/min) and a Max. Static Pressure of 3.81 mmH<sub>2</sub>O (37.35 Pa / 0.15 inAq). Featuring a rugged die-cast aluminum housing and a thermoplastic PBT impeller, it ensures superior thermal management with a weight of 102.2 g and an extended service life in continuous S1 environments at the end.

MA2082-HVL.GN Fan Parameters

Model Number: MA2082-HVL.GN

Manufacturer: SUNON

Type: AC Axial Fan

Impeller Size: 76 mm

Dimensions: 80 x 80 x 25 mm

Weight: 102.2 g

Bearing Type: Ball bearing

Nominal Voltage: 230 / 230 VAC

Voltage Range: 220 - 240 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Current Draw: 0.215 / 0.225 A

Power Consumption: 4.6 / 4.6 W

Rated Speed: 3200 / 3300 RPM

Max. Air Flow: 40.0 / 41.0 CFM (68.0 / 69.7 m<sup>3</sup>/h / 1.13 / 1.16 m<sup>3</sup>/min)

Max. Static Pressure: 3.56 / 3.81 mmH<sub>2</sub>O (34.86 / 37.35 Pa / 0.14 / 0.15 inAq)

Noise Level: 32 / 33 dB(A)

Number of Blades: 7

Impeller Material: Thermoplastic PBT (UL 94V-0)

Housing Material: Die-cast aluminum alloy

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Direction of Airflow: Exhaust over struts

Insulation Class: "B"

Degree of Protection: IP20

Motor Protection: Impedance protected

Connection: 2-Wire Lead Wires (AWG 24)

Mode: S1

Protection Class: I

Operating Temperature: -10 to +70 °C

Standard Compliance: UL; CE; TUV; RoHS

#### Application

The SUNON MA2082-HVL.GN fan is the primary cooling component for high-density server power supplies, communication modules, and precision medical equipment requiring reliable 230V AC axial airflow in a lightweight 80mm aluminum form factor.

## Product Images

---









---

Scan for product details:

