

# A2175-HBL TC.GN SUNON 220-240V AC axial fan

**SKU:** A2175-HBL TC.GN

**Price:** \$34.09

**Categories:** Fans

**Tags:** SUNON

**Product Link:**

<https://www.electspares.com/product/a2175-hbl-tc-gn-sunon-220-240v-ac-axial-fan/>

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## Product Description

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The SUNON A2175-HBL TC.GN is a robust AC axial fan measuring 171.5x151.5x51mm. It operates on 220-240 VAC at 50/60 Hz. This fan features a reliable ball bearing system for long-term performance and connects via 2 wire leads. The frame is made of die-cast aluminum, and the impeller is thermoplastic (PBT) with a UL94V-0 flammability rating. It incorporates an alveolate motor with thermal protection. For 50 Hz operation, it typically draws 0.11 A with a power consumption of 25 W, achieving a speed of 2800 RPM, an airflow of 203 CFM (approximately 344.82 m<sup>3</sup>/h), and a noise level of 51 dB(A). For 60 Hz operation, it typically draws 0.11 A with a power consumption of 26 W, achieving a speed of 3200 RPM, an airflow of 239 CFM (approximately 406.03 m<sup>3</sup>/h), and a noise level of 58 dB(A). This fan is commonly used in industrial equipment, power supplies, and HVAC systems where efficient and durable cooling is required.

A2175-HBL TC.GN Fan Parameters

Model: A2175-HBL TC.GN

Manufacturer: SUNON

Type: AC Axial Fan

Dimensions: 171.5x151.5x51 mm

Rated Voltage: 220-240 VAC

Operating Voltage Range: 150 to 250 VAC

Frequency: 50/60 Hz

Rated Current: 0.11 A (at 50 Hz) / 0.11 A (at 60 Hz)

Current and Power Consumption Tolerance:  $\pm 15\%$

Power Consumption: 25 W (at 50 Hz) / 26 W (at 60 Hz)

Speed: 2800 RPM (at 50 Hz) / 3200 RPM (at 60 Hz)

Speed Tolerance:  $\pm 10\%$

Airflow: 203 CFM (344.82 m<sup>3</sup>/h) (at 50 Hz) / 239 CFM (406.03 m<sup>3</sup>/h) (at 60 Hz)

Static Pressure: 0.62 inH<sub>2</sub>O (at 50 Hz) / 0.69 inH<sub>2</sub>O (at 60 Hz)

Noise Level: 51 dB(A) (at 50 Hz) / 58 dB(A) (at 60 Hz)

Bearing Type: Ball Bearing

Termination: 2 Wire Leads (typically 0.28m length, 18AWG)

Frame Material: Die-cast Aluminum

Impeller Material: Thermoplastic (PBT)

Flammability Rating: UL94V-0

Insulation Resistance: 500 M $\Omega$  minimum (at 500 VDC)

Dielectric Strength: 1800 VAC for 1 second

Motor Protection: Thermal Protected (Alveolate Motor)

Operating Temperature: -10 to 70°C

Storage Temperature: -40 to 70°C

Expected Life: 50,000 hours (at 25°C)

Weight: 908 g

Application: Industrial equipment, power supplies, HVAC systems.

## **Product Images**

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Scan for product details:

