

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

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

**Price:** \$37.68

**Categories:** Fans

**Tags:** SUNON

**Product Link:**

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

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## Product Description

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The SUNON A2175-HBT 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 terminals. 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 impedance protection and thermal protection, including an automatic reset function. 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 344.9 m<sup>3</sup>/h (approximately 203 CFM), and a noise level of 51 dB(A). For 60 Hz operation, it also typically draws 0.11 A with a power consumption of 26 W, achieving a speed of 3200 RPM, an airflow of 6.69 m<sup>3</sup>/min (approximately 239 CFM), and a noise level of 58 dB(A). This fan is commonly used in various industrial equipment, server racks, power supplies, and HVAC systems where efficient and durable cooling is required.

A2175-HBT TC.GN Fan Parameters

Model: A2175-HBT TC.GN

Manufacturer: SUNON

Type: AC Axial Fan

Dimensions: 171.5x151.5x51 mm (or 171x151x51mm)

Rated Voltage: 220-240 VAC

Operating Voltage Range: 150-250 VAC

Frequency: 50/60 Hz

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

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: ±10% (on rated speed)

Airflow: 344.9 m<sup>3</sup>/h (203 CFM) (at 50 Hz) / 6.69 m<sup>3</sup>/min (239 CFM) (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: Terminals (2.8x0.3mm connectors)

Frame Material: Die-cast Aluminum

Impeller Material: Thermoplastic (PBT)

Flammability Rating: UL94V-0

Insulation Resistance: 500 MΩ minimum (at 500 VDC)

Dielectric Strength: 1800 VAC for 1 second

Motor Protection: Impedance Protected, Thermal Protected (Alveolate Motor), Auto Restart

Operating Temperature: -10 to 80°C

Storage Temperature: -30 to 80°C

Expected Life: 50,000 hours (at 25°C)

Weight: 0.908 kg (908 g)

Application: Industrial equipment, server racks, power supplies, HVAC systems.

## **Product Images**

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