

# 5E-115B Bi-Sonic 115VAC 172x150x51mm Metal Impeller AC Axial Fan Datasheet



**Brand:** Bi-Sonic

**SKU:** 843336092062

**Category:** Axial & Centrifugal Fans

**Price:** \$67.99

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Product Page:

<https://www.equipspares.com/product/5e-115b-bi-sonic-115vac-172x150x51mm-metal-impeller-ac-axial-fan>

## Product Description

The Bi-Sonic 5E-115B is a robust AC Axial Fan engineered for demanding industrial environments requiring superior thermal management. This unit features a precision-balanced metal impeller driven by a high-efficiency AC induction motor, ensuring consistent airflow delivery under significant static pressure loads. The construction utilizes a die-cast aluminum housing which provides exceptional structural rigidity and effective heat dissipation, lowering the overall thermal impedance of the system. Equipped with durable ball bearings, the 5E-115B is designed to withstand elevated operating temperatures while maintaining mechanical stability, making it an ideal solution for continuous duty cycles in harsh operational conditions.

Model Number: 5E-115B

Brand: Bi-Sonic

Product Type: AC Axial Fan

Rated Voltage: 115 VAC

Frequency: 50 / 60 Hz

Power Input: 48 / 46 W

Rated Speed: 2800 / 3100 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 210 / 235 CFM (356 / 399 m<sup>3</sup>/h)

Max. Static Pressure: 0.55 / 0.65 inH<sub>2</sub>O (137 / 162 Pa)

Dimensions: 172 x 150 x 51 mm

Housing Material: Aluminum Die-Cast

Impeller Material: Metal

Termination: Terminals

Operating Temperature: -30°C to +75°C

Life Expectancy: 50,000 Hours at 25°C

Weight: 890 g

Safety Approval: UL, CUL, TUV, CE

Phase: Single Phase

Motor Type: Capacitor-Run Induction Motor

The 5E-115B is specifically calibrated for integration into high-density industrial equipment where reliability is paramount. Common deployment scenarios include cooling large-scale power supply units, ventilation for server racks, and thermal regulation in CNC machinery control cabinets. The all-metal construction of the 5E-115B allows it to operate effectively in environments with higher ambient temperatures, such as welding equipment or industrial automation enclosures, ensuring critical components remain within safe thermal operating limits.

## Supplemental Images

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