

# KA1725-3000E0B KAKU 100-240VAC 172x150x51mm EC Axial Fan Datasheet



**Brand:** KAKU

**SKU:** [911807866438](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$37.99**

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Product Page:

<https://www.equipspares.com/product/ka1725-3000e0b-kaku-100-240vac-172x150x51mm-ec-axial-fan>

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## Product Description

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The KAKU KA1725-3000E0B is a high-efficiency EC Axial Fan designed for critical thermal management applications requiring robust aerodynamic performance and global voltage compatibility. Utilizing advanced Electronically Commutated (EC) motor technology, this unit converts AC input to DC internal operation, significantly reducing power consumption while maintaining high torque and consistent speed stability. The construction features a die-cast aluminum housing and thermoplastic PBT impellers, ensuring structural rigidity and resistance to thermal deformation under continuous load. Equipped with a precision dual ball bearing system, it offers reduced friction, lower thermal impedance, and extended operational longevity compared to sleeve bearing alternatives. This cooling solution is engineered to optimize airflow dynamics in high-density industrial enclosures.

Model Number: KA1725-3000E0B

Brand: KAKU

Product Type: EC Axial Fan

Rated Voltage: 100-240VAC

Voltage Range: 90 - 264 VAC

Frequency: 50/60 Hz

Power: 20 W

Rated Speed: 3000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 235 CFM (399 m<sup>3</sup>/h / 6.65 m<sup>3</sup>/min)

Max. Static Pressure: 14.5 mmH<sub>2</sub>O (142 Pa / 0.57 inH<sub>2</sub>O)

Dimensions: 172mm x 150mm x 51mm

Weight: 820 g

Life Expectancy: 50,000 Hours (L10 at 25°C)

Frame Material: Die-Cast Aluminum (Black Coated)

Impeller Material: Thermoplastic PBT (UL94V-0)

Motor Type: EC Brushless Motor

Ingress Protection: IP54

Insulation Class: Class B

Noise Level: 55 dB(A)

Operating Temperature: -20°C to +70°C

Termination: Lead Wires

Certifications: CE, RoHS

The KA1725-3000E0B is specifically engineered for demanding industrial environments such as electrical control cabinets, server racks, and variable frequency drive (VFD) cooling systems. Its wide voltage input makes the KA1725-3000E0B ideal for global machinery exports where grid stability varies, ensuring consistent cooling performance in CNC machines, telecommunication enclosures, and power supply units.

## Supplemental Images

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