

# KA8025HA1 KAKU 110-120VAC 80x80x25mm Metal Frame Axial Fan Datasheet



**Brand:** KAKU

**SKU:** 976639481512

**Category:** Axial & Centrifugal Fans

**Price:** \$20.99

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Product Page:

<https://www.equipspares.com/product/ka8025ha1-kaku-110-120vac-80x80x25mm-metal-frame-axial-fan>

## Product Description

The KAKU KA8025HA1 is a robust AC Axial Fan designed for demanding industrial thermal management applications. Engineered with a high-efficiency AC motor and a durable ball bearing system, this unit ensures consistent rotational stability and reduced frictional heat generation. The construction features a full metal frame and impeller, providing superior structural rigidity and resistance to harsh environmental factors. Its aerodynamic profile is optimized to deliver high static pressure while maintaining thermal impedance within operational limits, making it an ideal solution for continuous duty cycles in enclosed electronic systems.

Model Number: KA8025HA1

Brand: KAKU

Product Type: AC Axial Fan

Rated Voltage: 110-120VAC

Frequency: 50/60 Hz

Rated Current: 0.14/0.13 A

Power Consumption: 14/11 W

Rated Speed: 2450/2700 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 19.0/23.0 CFM (32.2/39.0 m<sup>3</sup>/h)

Max. Static Pressure: 3.5/4.8 mmH<sub>2</sub>O (34/47 Pa)

Dimensions: 80x80x25mm

Weight: 260 g

Housing Material: Aluminum Alloy (Metal)

Impeller Material: Metal

Noise Level: 32/36 dBA

Termination: Lead Wires / Terminals

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 50,000 Hours at 25°C

Ingress Protection: IP20

Mounting Orientation: Any

The KA8025HA1 is specifically engineered for critical cooling in industrial automation and telecommunications infrastructure. Its rugged metal construction makes it suitable for server racks, electrical control cabinets, and power supply units where heat dissipation is paramount. The KA8025HA1 excels in environments requiring reliable airflow to prevent thermal throttling in CNC machinery and medical instrumentation. By integrating the KA8025HA1, facility managers ensure optimal operating temperatures for sensitive electronic components within high-density enclosures.

## Supplemental Images

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