

# KA2880HA3 KAKU 380VAC 280x280x80mm Metal Axial Fan Datasheet



**Brand:** KAKU

**SKU:** [745436158657](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$171.99**

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Product Page:

<https://www.equipspares.com/product/ka2880ha3-kaku-380vac-280x280x80mm-metal-axial-fan>

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## Product Description

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The KAKU KA2880HA3 is a robust AC Axial Fan engineered for high-demand industrial thermal management and critical ventilation systems. Utilizing a durable 3-phase induction motor architecture, this unit delivers consistent airflow while maintaining optimal thermal impedance under heavy continuous loads. The construction features a high-grade full metal housing and impeller, ensuring exceptional structural rigidity and resistance to deformation in high-temperature environments. Its precision ball bearing system minimizes frictional losses, extending operational longevity and enhancing reliability in rigorous cooling applications requiring substantial static pressure and air volume.

Model Number: KA2880HA3

Brand: KAKU

Product Type: AC Axial Fan

Rated Voltage: 380VAC (3-Phase)

Frequency: 50/60 Hz

Rated Current: 0.40/0.30 A

Power Consumption: 110/85 W

Rated Speed: 2550/2700 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 1090 CFM (1850 m<sup>3</sup>/h / 30.8 m<sup>3</sup>/min)

Max. Static Pressure: 20.0 mmH<sub>2</sub>O (196 Pa / 0.79 inH<sub>2</sub>O)

Dimensions: 280x280x80mm

Weight: 2.8 kg

Life Expectancy: 50,000 Hours at 25°C

Noise Level: 70 dB(A)

Housing Material: Die-cast Aluminum Alloy

Blade Material: Metal

Ingress Protection: IP54

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +80°C

Insulation Class: Class B

Dielectric Strength: 1500VAC for 1 Minute

Termination: Terminal Block

Mounting Orientation: Any

Certifications: CE, RoHS

Designed for rigorous industrial environments, the KA2880HA3 is frequently deployed in large-scale electrical cabinets and server rack assemblies requiring substantial air exchange to prevent thermal throttling. The KA2880HA3 excels in CNC machinery control panels and power distribution units where rapid heat dissipation is critical for component stability. Its durable metal construction also makes it suitable for ventilation in manufacturing floors, welding machines, and heavy-duty telecom infrastructure where standard plastic fans would fail.

## Supplemental Images

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