

KA2208HA1-4 KAKU 115VAC 222x80mm AC Axial Fan

SKU: KA2208HA1-4

Price: \$72.85

Categories: Fans

Tags: KAKU

Product Link:

<https://www.electspares.com/product/ka2208ha1-4-kaku-115vac-222x80mm-ac-axial-fan/>

Product Description

The KAKU KA2208HA1-4 is a high-performance 110VAC single-phase AC Axial Fan with Dimensions of 222 x 80 mm, featuring an Impeller Size of 210 mm. Specifically engineered for mission-critical cooling in aerospace cabinets, extreme-cold outdoor telecommunications, and high-capacity power systems, this 222 mm unit is driven by a shaded-pole motor with maintenance-free dual ball bearings. Operating on a 115 VAC supply, it delivers a Power Input of 25 W (50 Hz) / 23 W (60 Hz) and a Current Draw of 0.31 A / 0.25 A at a rated speed of 1400 / 1700 RPM. This unit provides a Max. Air Flow of 358.0 CFM (608.2 m³/h / 10.14 m³/min) and a Max. Static Pressure of 8.89 mmH₂O (87.17 Pa / 0.35 inAq). Featuring a rugged lightweight Magnesium Alloy housing and a weight of 600 g, it ensures superior thermal management and an extended service life in continuous S1 environments at the end.

KA2208HA1-4 Fan Parameters

Model Number: KA2208HA1-4

Manufacturer: KAKU

Type: AC Axial Fan

Impeller Size: 210 mm

Dimensions: 222 x 80 mm

Weight: 600 g

Bearing Type: Dual ball bearing

Nominal Voltage: 115 VAC

Voltage Range: 110 - 120 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Current Draw: 0.31 / 0.25 A

Power Input: 25 / 23 W

Rated Speed: 1400 / 1700 RPM

Max. Air Flow: 296.0 / 358.0 CFM (502.9 / 608.2 m³/h / 8.38 / 10.14 m³/min)

Max. Static Pressure: 6.10 / 8.89 mmH₂O (59.77 / 87.17 Pa / 0.24 / 0.35 inAq)

Noise Level: 53 / 56 dB(A)

Number of Blades: 3

Impeller Material: Thermoplastic PBT (UL 94V-0)

Housing Material: Magnesium Alloy, painted black

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Direction of Airflow: Exhaust over struts

Insulation Class: "B"

Degree of Protection: IP44

Motor Protection: Impedance protected

Connection: 2 Flat terminals (6.3 x 0.8 mm)

Mode: S1

Protection Class: I

Operating Temperature: -50 to +70 °C

Storage Temperature: -60 to +85 °C

Standard Compliance: UL; CE; TUV; RoHS

Application

The KAKU KA2208HA1-4 fan is the primary cooling component for high-altitude electronics, outdoor cold-climate electrical enclosures, and industrial power conversion systems requiring high-volume 110V AC axial airflow in a 222mm magnesium alloy form factor.

Product Images





