

# AGE08025S12J CROWN 12VDC 80x80x25mm Silent Axial Fan Datasheet



**Brand:** CROWN

**SKU:** [862566861668](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$11.99**

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Product Page:

<https://www.equipspares.com/product/age08025s12j-crown-12vdc-80x80x25mm-silent-axial-fan>

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## Product Description

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The CROWN AGE08025S12J is a precision-engineered DC axial fan designed for critical thermal management in electronic enclosures and power supply units. Utilizing a sintered sleeve bearing architecture, this unit balances rotational stability with acoustic performance, effectively minimizing vibrational harmonics during continuous operation. The 12VDC brushless motor features an optimized stator winding design that ensures consistent torque delivery and reduced electromagnetic interference. Constructed with a reinforced thermoplastic frame, the fan offers substantial structural rigidity and thermal impedance resistance. Its aerodynamic impeller geometry is calibrated to maximize static pressure while maintaining efficient airflow, making it an ideal solution for systems requiring reliable heat dissipation within a compact 80mm footprint.

Model Number: AGE08025S12J

Brand: CROWN

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.20 A

Power: 2.40 W

Rated Speed: 3000 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 38.00 CFM (64.56 m<sup>3</sup>/h / 1.07 m<sup>3</sup>/min)

Max. Static Pressure: 3.80 mmH<sub>2</sub>O (37.26 Pa / 0.15 inH<sub>2</sub>O)

Dimensions: 80x80x25 mm

Weight: 86 g

Life Expectancy: 30,000 Hours at 25°C

Noise Level: 33.0 dB(A)

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Termination: 2-Wire Leads

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Mounting Orientation: Vertical or Horizontal

The AGE08025S12J is engineered for versatile deployment across various industrial and consumer electronics sectors. It serves as a critical cooling component in server rack cabinets, ensuring optimal operating temperatures for network switches and power supply units. Additionally, the AGE08025S12J is frequently integrated into desktop computer chassis and industrial automation enclosures where consistent airflow is required to prevent thermal throttling. Its compact profile allows for seamless installation in medical instrumentation and telecommunications equipment, providing reliable thermal regulation in space-constrained environments.

## Supplemental Images

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