

EC6025H12BA Evercool 12VDC 0.24A 60x60x25mm Axial Fan Datasheet



Brand: Evercool

SKU: [950408394057](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/ec6025h12ba-evercool-12vdc-0-24a-60x60x25mm-axial-fan>

Product Description

The Evercool EC6025H12BA is a precision-engineered DC axial fan designed to manage thermal loads in compact electronic enclosures and industrial power systems. Utilizing a sleeve bearing architecture, this unit balances rotational stability with acoustic performance, ensuring efficient airflow delivery while minimizing mechanical friction. The aerodynamic blade geometry is optimized to reduce turbulence, thereby lowering thermal impedance within high-density circuitry. Constructed with structural rigidity in mind, the frame withstands operational vibrations while maintaining consistent static pressure. This cooling solution is engineered for systems requiring reliable heat dissipation, leveraging a 12VDC motor to drive effective air exchange and prolong component lifespan through active thermal regulation.

Model Number: EC6025H12BA

Brand: Evercool

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.24 A

Input Power: 2.88 W

Rated Speed: 4800 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 22.4 CFM (38.0 m³/h / 0.63 m³/min)

Max. Static Pressure: 5.8 mmH₂O (56.8 Pa / 0.23 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 60 g

Life Expectancy: 30,000 Hours at 25°C

Noise Level: 34 dBA

Termination: 2-Wire Lead

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Mounting Orientation: Any

The EC6025H12BA is frequently integrated into compact power supply units and small form-factor server chassis where space is at a premium but airflow cannot be compromised. Industrial automation equipment and telecommunications hardware also utilize the EC6025H12BA to maintain optimal operating temperatures for sensitive chipsets. Its profile makes it suitable for network switches, DVR systems, and medical instrumentation requiring consistent forced convection cooling.