

# EC4010HH12S EVERCOOL 12VDC 40x40x10mm Sleeve Axial Fan Datasheet



**Brand:** Evercool

**SKU:** [793509371886](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$8.99**

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Product Page:

<https://www.equipspares.com/product/ec4010hh12s-evercool-12vdc-40x40x10mm-sleeve-axial-fan>

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## Product Description

The EVERCOOL EC4010HH12S is a compact DC axial fan designed for thermal management in space-constrained electronic assemblies. Engineered with a durable sleeve bearing architecture, this unit ensures consistent rotational stability while minimizing mechanical friction during operation. The 40mm frame houses an aerodynamically optimized impeller that delivers efficient airflow at 6200 RPM, effectively reducing thermal impedance in high-density circuits. Operating at 12VDC with a current draw of 0.10A, the EC4010HH12S balances power consumption with cooling performance. Its structural rigidity and precise manufacturing tolerances make it suitable for continuous duty cycles, providing reliable heat dissipation for sensitive components requiring active cooling solutions.

Model Number: EC4010HH12S

Brand: EVERCOOL

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.10 A

Power Consumption: 1.20 W

Rated Speed: 6200 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 7.20 CFM (12.23 m<sup>3</sup>/h / 0.20 m<sup>3</sup>/min)

Max. Static Pressure: 0.16 inH<sub>2</sub>O (4.06 mmH<sub>2</sub>O / 39.8 Pa)

Dimensions: 40x40x10mm

Weight: 18.0 g

Life Expectancy: 30,000 Hours at 25°C

Noise Level: 26.0 dBA

Termination: 2-Wire Lead (Red/Black)

Wire Length: 200mm

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Vertical or Horizontal

Ingress Protection: IP20

The EC4010HH12S is frequently integrated into compact industrial enclosures, 1U server rack cooling modules, and small form-factor power supplies where precise thermal regulation is critical. Its compact 40mm footprint allows for seamless installation in network switches, DVR systems, and chipset cooling arrays. Additionally, the EC4010HH12S serves as a reliable replacement component for legacy cooling systems in medical instrumentation and automated control panels, ensuring sustained operation of mission-critical hardware.

## Supplemental Images

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