

XQF8025HBL XQF 12VDC 80x80x25mm Brushless Axial Fan Datasheet



SKU: [1006513551735](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

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Product Page:

<https://www.equipspares.com/product/xqf8025hbl-xqf-12vdc-80x80x25mm-brushless-axial-fan>

Product Description

The XQF XQF8025HBL is a precision-engineered DC axial fan designed for critical thermal management in industrial and electronic enclosures. Utilizing advanced brushless DC motor technology, this unit minimizes electromagnetic interference while maximizing torque efficiency. The core architecture features a robust dual ball bearing system, which significantly reduces frictional coefficients compared to sleeve bearings, thereby extending the operational lifespan and ensuring stability under continuous load. Its aerodynamic impeller design is optimized to balance static pressure and volumetric airflow, making it an ideal solution for overcoming high thermal impedance in dense component configurations. The structural rigidity of the frame ensures minimal vibration transmission during operation, maintaining a low acoustic profile.

Model Number: XQF8025HBL

Brand: XQF

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Rated Current: 0.15 A

Input Power: 1.80 W

Dimensions: 80 x 80 x 25 mm

Bearing Type: Dual Ball Bearing

Motor Technology: Brushless DC

Termination Style: 2-Wire Lead

Interface: Standard 2-Pin Connector

Cooling Performance: High Airflow Profile

Acoustic Profile: Low Noise Design

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Mounting Type: Flange Mount

Condition: New

Designed for versatility in thermal regulation, the XQF8025HBL serves as a critical component in maintaining optimal operating temperatures for computer chassis and industrial power supply units. Its compact 80mm footprint allows for seamless integration into server racks and automation control panels where space is at a premium. The XQF8025HBL is also well-suited for general industrial equipment cooling, ensuring reliable heat dissipation for sensitive electronics, thereby preventing thermal throttling and prolonging equipment service life in demanding environments.

Supplemental Images

