

# FD124015HB Y.S.TECH 12VDC 40x40x15mm Silent Axial Fan Datasheet



**Brand:** Y.S.TECH

**SKU:** 998186562890

**Category:** Axial & Centrifugal Fans

**Price:** \$7.99

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Product Page:

<https://www.equipspares.com/product/fd124015hb-y-s-tech-12vdc-40x40x15mm-silent-axial-fan>

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## Product Description

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The Y.S.TECH FD124015HB is a precision-engineered DC axial fan designed to manage thermal impedance in compact electronic enclosures. Utilizing a highly efficient brushless DC motor architecture, this unit ensures consistent rotational stability and optimized aerodynamic throughput. The structural rigidity of the frame minimizes vibrational harmonics, contributing to a lower acoustic profile during operation. Engineered with a durable ball bearing system, it provides reliable longevity under continuous duty cycles. This component is specifically calibrated to deliver effective airflow while maintaining strict energy efficiency standards required for modern industrial applications.

Model Number: FD124015HB

Brand: Y.S.TECH

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.16 A

Power: 1.92 W

Bearing Type: Ball Bearing

Dimensions: 40x40x15mm

Termination: 2-Wire / Lead Wire

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Motor Type: Brushless DC

Speed Control: None (2-Wire)

Mounting Orientation: Any

Operating Temperature: -10°C to +70°C

Application: Server, Switch, Chassis Cooling

The FD124015HB is frequently integrated into compact networking hardware such as network switches and routers where internal space is at a premium yet thermal dissipation is critical. It is also an ideal solution for cooling motherboard chipsets and industrial control chassis that require reliable air exchange. Additionally, the FD124015HB serves effectively in small-scale power supply units and telecommunications equipment, ensuring components operate within safe thermal limits to prevent throttling or hardware failure.

## Supplemental Images

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