

FYH1238D24LS FYH 24VDC 120x120x38mm Inverter Cooling Axial Fan Datasheet



SKU: [913784946106](#)

Category: Axial & Centrifugal Fans

Price: **\$5.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/fyh1238d24ls-fyh-24vdc-120x120x38mm-inverter-cooling-axial-fan>

Product Description

The FYH FYH1238D24LS is a precision-engineered Axial Fan designed to deliver robust thermal management for industrial electronics, specifically variable frequency drives and inverters. Engineered with a specialized motor driver and a durable bearing architecture, this unit optimizes aerodynamic efficiency while maintaining low thermal impedance under continuous load. The 120mm thermoplastic frame provides exceptional structural rigidity, ensuring stability in high-vibration environments. Its impeller geometry is calibrated to maximize static pressure, effectively dissipating heat from dense component arrays. The FYH1238D24LS balances performance with reliability, making it a critical component for maintaining operational integrity in demanding automation systems.

Model Number: FYH1238D24LS

Brand: FYH

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.40 A

Power: 9.60 W

Rated Speed: 2800 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 108.5 CFM (184.3 m³/h / 3.07 m³/min)

Max. Static Pressure: 8.4 mmH₂O (82.3 Pa / 0.33 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 265 g

Life Expectancy: 35,000 Hours @ 25°C

Noise Level: 43.5 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Ingress Protection: IP20

Insulation Class: Class A

Termination: 2-Wire Lead

Operating Temperature: -10°C ~ +70°C

Storage Temperature: -40°C ~ +70°C

Mounting Orientation: Any

Designed primarily for thermal regulation in industrial automation, the FYH1238D24LS is an ideal solution for variable frequency drives (VFDs) and power inverters where consistent airflow is mandatory to prevent overheating. This fan is frequently integrated into server cabinets, telecommunication power supplies, and CNC control panels requiring a 120mm form factor. The FYH1238D24LS ensures critical components remain within safe operating temperature ranges, thereby extending the lifespan of sensitive electronic equipment in manufacturing and data processing environments.

Supplemental Images

