# FSY12B24HH FONSONING 24VDC 120x120x25mm 4800RPM Axial Fan Datasheet


**SKU:** 785411257591

**Category:** Axial & Centrifugal Fans

**Price:** **$9.99**

**E-mail:** sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/fsy12b24hh-fonsoning-24vdc-120x120x25mm-4800rpm-axial-fan

## Product Description

The FONSONING FSY12B24HH is a high-efficiency Axial Fan engineered for demanding industrial thermal management. Utilizing advanced DC motor technology paired with a robust Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous loads. The aerodynamic blade design is optimized to reduce thermal impedance while maintaining structural rigidity at high rotational speeds of 4800 RPM. Designed for critical cooling applications, the FSY12B24HH delivers consistent airflow performance, making it an ideal solution for maintaining optimal operating temperatures in sensitive electronic enclosures and power conversion systems.

Model Number: FSY12B24HH
Brand: FONSONING
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.30 A
Power Consumption: 7.20 W
Rated Speed: 4800 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 115.0 CFM (195.4 $m^3/h$ / 3.26 $m^3/min$)
Max. Static Pressure: 9.50 $mmH_2O$ (93.16 Pa / 0.37 $inH_2O$)
Dimensions: 120 x 120 x 25 mm
Noise Level: 46.5 dBA
Frame Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Life Expectancy: 50,000 Hours at 40°C
Operating Temperature: -10°C to +70°C
Termination: 2-Wire Lead
Ingress Protection: IP40

The FSY12B24HH is specifically engineered for high-demand industrial environments, serving as a critical component in variable frequency drive (VFD) inverters and power supply units. Its robust airflow capabilities make it suitable for dissipating heat in server racks, CNC machinery control panels, and telecommunications cabinets where thermal stability is paramount. By integrating the FSY12B24HH into automation systems, operators ensure reliable cooling performance, preventing thermal throttling in sensitive electronic assemblies.

## Supplemental Images