

YY12038H48B SNOWFAN 48VDC 120x120x38mm 0.40A Axial Fan Datasheet



Brand: SNOWFAN

SKU: [1016042033830](#)

Category: Axial & Centrifugal Fans

Price: **\$33.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/yy12038h48b-snowfan-48vdc-120x120x38mm-0-40a-axial-fan>

Product Description

The SNOWFAN YY12038H48B is a high-efficiency Axial Fan engineered for demanding industrial thermal management. Operating at a rated voltage of 48VDC with a current draw of 0.40A, this unit features a robust 120mm thermoplastic housing designed for optimal structural rigidity. The aerodynamic 7-blade impeller minimizes turbulence while maximizing static pressure delivery. Utilizing precision ball bearing technology, the motor assembly ensures reduced friction and extended operational lifespan, effectively lowering thermal impedance within high-density electronic enclosures and power systems.

Model Number: YY12038H48B

Brand: SNOWFAN

Product Type: Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 56.0 VDC

Rated Current: 0.40 A

Input Power: 19.2 W

Rated Speed: 3000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 115.0 CFM (195.4 m³/h)

Max. Static Pressure: 9.5 mmH₂O (93.1 Pa / 0.37 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 260 g

Noise Level: 45.0 dBA

Impeller Material: Thermoplastic PBT (UL94V-0)

Frame Material: Thermoplastic PBT (UL94V-0)

Number of Blades: 7

Termination: 2-Wire Leads

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 50,000 Hours @ 40°C

Ingress Protection: IP20

This cooling solution is specifically calibrated for critical infrastructure, including precision air conditioning units in server rooms and data centers. The YY12038H48B excels in ventilating industrial control equipment where consistent airflow is mandatory to prevent thermal throttling. Additionally, the YY12038H48B is widely utilized in high-power inverters, variable frequency drives (VFDs), and telecommunication cabinets, providing reliable heat dissipation for continuous duty cycles in harsh operational environments.

Supplemental Images

