YDH1238B12 YCCFAN 12VDC 120x120x38mm Axial Fan Datasheet

Brand: YCCFAN

SKU: 1014208770930

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/ydh1238b12-yccfan-12vdc-120x120x38mm-axial-fan

Product Description

The YCCFAN YDH1238B12 is a precision-engineered axial cooling fan designed for demanding thermal management applications requiring substantial airflow delivery. This unit utilizes a robust DC motor architecture paired with a high-reliability double ball bearing system, ensuring consistent rotational stability and extended operational longevity even under continuous duty cycles. The aerodynamic blade geometry is optimized to balance static pressure with volumetric flow, effectively reducing thermal impedance within enclosed chassis environments. Constructed with structural rigidity in mind, the housing minimizes vibrational resonance, contributing to a stable acoustic profile while maintaining high-efficiency heat dissipation for critical electronic components.

Model Number: YDH1238B12
Brand: YCCFAN
Product Type: Axial Fan
Rated Voltage: 12 VDC
Rated Current: 1.09 A
Power Consumption: 13.08 W (Calculated)
Dimensions: 120 x 120 x 38 mm
Bearing Type: Double Ball Bearing
Termination: 2-Wire Lead Interface
Housing Material: Industrial Thermoplastic (UL94V-0)
Blade Material: Industrial Thermoplastic (UL94V-0)

Mounting Type: Flange Mount
Condition: New Old Stock (NOS)
Application Category: DC Cooling Fan

The YDH1238B12 is specifically suited for high-density electronic enclosures where reliable heat extraction is paramount. Common deployment scenarios for the YDH1238B12 include server chassis cooling, industrial power supply units, and automated manufacturing equipment requiring active ventilation. Its robust design also makes it an ideal candidate for custom workstation builds and telecommunications racks where component density necessitates a fan capable of overcoming significant system resistance. By integrating the YDH1238B12, operators ensure critical hardware remains within safe thermal operating limits.

Supplemental Images