DFPH0880B8SY029 AVC 48VDC 80mm Dual Motor Axial Fan Datasheet

Brand: AVC

SKU: 971095037482

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/dfph0880b8sy029-avc-48vdc-80mm-dual-motor-axial-fan

Product Description

The AVC DFPH0880B8SY029 is a high-performance Dual Motor Axial Fan engineered for critical thermal management in high-density server environments. Utilizing a counter-rotating blade configuration, this 48VDC unit maximizes static pressure generation to overcome significant system impedance within restricted enclosures. The robust architecture incorporates precision dual ball bearings to ensure operational stability under high-speed rotation and extended duty cycles. With a substantial current rating of 4.32A, it delivers exceptional volumetric airflow and thermal dissipation capabilities, making it an ideal solution for mitigating high thermal loads where structural rigidity and aerodynamic efficiency are paramount.

Model Number: DFPH0880B8SY029
Brand: AVC (Asia Vital Components)
Product Type: Dual Motor Counter-Rotating Axial Fan
Rated Voltage: 48 VDC
Rated Current: 4.32 A
Power Consumption: 207.36 W
Dimensions: 80 x 80 x 80 mm
Bearing Type: Dual Ball Bearing
Motor Structure: Dual Brushless DC Motor
Aerodynamic Design: Counter-Rotating Blades

Housing Material: Reinforced Plastic (UL94V-0)
Blade Material: Reinforced Plastic (UL94V-0)
Termination: Multi-wire Leads with Connector
Speed Control: PWM / Tachometer Signal Support
Cooling Style: High Static Pressure / High Airflow
Mounting: Flange Mount
Application: Server Chassis, Industrial Cabinets
Condition: New Original

The DFPH0880B8SY029 is specifically designed for high-impedance applications such as enterprise server racks, blade servers, and telecommunications cabinets where back-pressure is a significant factor. Its counter-rotating design allows the DFPH0880B8SY029 to push air effectively through dense heatsinks and tightly packed components, ensuring optimal operating temperatures for mission-critical hardware in data centers and industrial automation setups.

Supplemental Images