

DYTH1238B8FY134 AVC 48VDC 120x120x38mm High Airflow Axial Fan Datasheet



Brand: AVC

SKU: [891774863508](#)

Category: Axial & Centrifugal Fans

Price: **\$13.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/dyth1238b8fy134-avc-48vdc-120x120x38mm-high-airflow-axial-fan>

Product Description

The AVC DYTH1238B8FY134 is a high-performance industrial axial fan engineered for mission-critical thermal management applications requiring substantial airflow and pressure generation. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this unit ensures exceptional rotational stability and minimized friction, significantly extending operational lifespan under continuous high-load conditions. The aerodynamic blade design is optimized to deliver high static pressure, effectively overcoming system impedance in dense electronic enclosures. Constructed with a focus on structural rigidity, the DYTH1238B8FY134 maintains precise alignment and reduces vibration, making it an ideal solution for reducing thermal impedance in high-density server environments and telecommunications infrastructure requiring aggressive heat dissipation.

Model Number: DYTH1238B8FY134

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 57.0 VDC

Rated Current: 1.80 A

Power Consumption: 86.4 W

Rated Speed: 5500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 210.38 CFM (357.4 m³/h / 5.95 m³/min)

Max. Static Pressure: 35.56 mmH₂O (348.7 Pa / 1.40 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 410 g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: PWM / Tachometer Output

Ingress Protection: IP54

Noise Level: 64.0 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 4-Wire Lead with Connector

Mounting Orientation: Any

Certifications: UL, cUL, TUV, CE, RoHS

The DYTH1238B8FY134 is specifically designed for demanding industrial and enterprise-level cooling scenarios where reliability is paramount. Common deployments include high-density server racks, telecommunications base stations, and precision medical instrumentation where consistent airflow is required to dissipate substantial heat loads. The DYTH1238B8FY134 excels in environments with high back-pressure, such as chassis with dense component layouts or restrictive filtration systems, ensuring critical components remain within safe operating temperature ranges to prevent thermal throttling or hardware failure.

Supplemental Images

