# DATA1238B4U-131 AVC 24VDC 120x120x38mm Axial Fan Datasheet


**Brand:** AVC

**SKU:** 877127865288

**Category:** Axial & Centrifugal Fans

**Price:** **$14.99**

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

**Web:** https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/data1238b4u-131-avc-24vdc-120x120x38mm-axial-fan

## Product Description

The AVC DATA1238B4U-131 is a high-performance DC axial fan engineered for demanding industrial thermal management applications. Utilizing advanced motor technology and a robust dual ball bearing architecture, this unit ensures exceptional structural rigidity and prolonged operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow dynamics to minimize thermal impedance within high-density enclosures. Designed with a standard 120mm frame, it delivers substantial static pressure capabilities, making it an ideal solution for systems requiring efficient heat dissipation and reliable forced convection cooling.

Model Number: DATA1238B4U-131
Brand: AVC (Asia Vital Components)
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.80 A
Power Input: 19.2 W
Rated Speed: 4200 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 156.0 CFM (265.0 $m^3/h$ / 4.41 $m^3/min$)
Max. Static Pressure: 14.5 $mmH_2O$ (142.2 Pa / 0.57 $inH_2O$)

Dimensions: 120 x 120 x 38 mm
Weight: 320 g
Noise Level: 56.0 dBA
Frame Material: Thermoplastic PBT (UL94V-0)
Impeller Material: Thermoplastic PBT (UL94V-0)
Termination: 2-Wire Leads (Red +, Black -)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Ingress Protection: IP20
Safety Approvals: UL, CUL, TUV, CE

This high-static pressure cooling solution is specifically tailored for server rack ventilation, telecommunications cabinets, and industrial automation equipment where reliable thermal regulation is critical. The DATA1238B4U-131 excels in restricted airflow environments, such as power supply units and CNC machinery control panels, ensuring components remain within safe operating temperature ranges. By integrating the DATA1238B4U-131 into mission-critical hardware, operators can maintain system stability and prevent thermal throttling in continuous-duty applications.

## Supplemental Images