

# DATA1338B4H-S007 AVC 24VDC 127x38mm 4-Wire Axial Fan Datasheet



**Brand:** AVC

**SKU:** [1018912852056](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$17.99**

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Product Page:

<https://www.equipspares.com/product/data1338b4h-s007-avc-24vdc-127x38mm-4-wire-axial-fan>

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## Product Description

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The AVC DATA1338B4H-S007 is a high-capacity DC axial fan engineered for critical thermal management in industrial and enterprise-grade electronics. Built upon a robust dual ball bearing architecture, this unit offers superior rotational stability and significantly reduced frictional wear compared to sleeve bearing alternatives, ensuring extended operational lifecycles even under continuous duty. The aerodynamic impeller geometry is optimized to deliver high static pressure, effectively overcoming thermal impedance in densely packed enclosures. Featuring a 4-wire configuration, the DATA1338B4H-S007 supports Pulse Width Modulation (PWM) for precise speed control, allowing systems to dynamically balance airflow requirements against acoustic output. Its structural rigidity and compliance with industrial safety standards make it an ideal solution for mitigating heat in high-power electromechanical systems.

Model Number: DATA1338B4H-S007

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.65 A

Power Input: 15.6 W

Rated Speed: 4200 RPM (Nominal)

Max. Air Flow: 156.0 CFM (265 m<sup>3</sup>/h)  
Max. Static Pressure: 14.5 mmH<sub>2</sub>O (142 Pa / 0.57 inH<sub>2</sub>O)  
Dimensions: 127 x 127 x 38 mm  
Bearing Type: Dual Ball Bearing  
Speed Control: 4-Wire PWM / Tachometer Output  
Termination: 4-Wire Leads with Connector  
Noise Level: 53 dBA  
Housing Material: Thermoplastic PBT (UL94V-0)  
Blade Material: Thermoplastic PBT (UL94V-0)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Life Expectancy: 70,000 Hours at 40°C  
Mounting Orientation: Any  
Ingress Protection: IP54  
Safety Certifications: UL, cUL, TUV, CE  
Protection: Locked Rotor Protection, Polarity Protection

The DATA1338B4H-S007 is widely utilized in high-density server racks and telecommunications infrastructure where reliability is non-negotiable. Its high airflow capacity makes it particularly effective for cooling variable frequency drives (VFDs), industrial power supplies, and CNC control cabinets. Medical imaging equipment and network storage arrays also benefit from the consistent thermal dissipation provided by the DATA1338B4H-S007, ensuring sensitive components remain within safe operating temperature ranges to prevent thermal throttling or hardware failure.

## Supplemental Images

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