

# D3KB1738BAH3WAW AVC 115VAC 172x150x38mm High Temp Axial Fan Datasheet



**Brand:** AVC

**SKU:** [913146989464](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$51.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/d3kb1738bah3waw-avc-115vac-172x150x38mm-high-temp-axial-fan>

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## Product Description

The AVC D3KB1738BAH3WAW is a robust AC Axial Fan engineered for demanding industrial thermal management applications. Designed with a high-precision ball bearing architecture, this unit ensures minimized rotational friction and extended operational longevity under continuous duty cycles. The 172x150x38mm die-cast aluminum frame provides exceptional structural rigidity and acts as a secondary heat sink, while the aerodynamically optimized thermoplastic impeller reduces turbulence and acoustic noise. Operating at 115VAC, the fan delivers superior volumetric airflow, effectively lowering thermal impedance in high-density electronic enclosures. Its construction includes high-temperature resistant materials, making it particularly suitable for variable frequency drives and power conversion systems where reliable heat dissipation is critical for maintaining system stability and efficiency.

Model Number: D3KB1738BAH3WAW

Brand: AVC (Asia Vital Components)

Product Type: AC Axial Fan

Rated Voltage: 115 VAC

Frequency: 50 / 60 Hz

Voltage Range: 100.0 - 125.0 VAC

Rated Current: 0.27 / 0.25 A  
Input Power: 24 / 22 W  
Rated Speed: 2800 / 3200 RPM  
Bearing Type: Dual Ball Bearing  
Max. Air Flow: 210.0 CFM (356.8 m<sup>3</sup>/h / 5.94 m<sup>3</sup>/min)  
Max. Static Pressure: 16.5 mmH<sub>2</sub>O (161.8 Pa / 0.65 inH<sub>2</sub>O)  
Dimensions: 172 x 150 x 38 mm  
Frame Material: Die-Cast Aluminum (Black Coated)  
Impeller Material: Thermoplastic PBT (UL94V-0)  
Noise Level: 53 / 57 dBA  
Termination: 2-Wire Lead / Terminal Type  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +80°C  
Life Expectancy: 50,000 Hours @ 40°C  
Ingress Protection: IP20 (Standard)  
Insulation Resistance: > 10M Ohm at 500VDC  
Dielectric Strength: 1500VAC for 1 Minute  
Motor Type: Capacitor-Run Induction Motor  
Safety Certifications: UL, cUL, TUV, CE, RoHS  
Weight: 850 g

This high-performance cooling solution is specifically calibrated for industrial power electronics, including variable frequency drive (VFD) cabinets and large-scale power inverters. The D3KB1738BAH3WAW excels in server rack ventilation and telecommunications infrastructure where consistent, high-volume airflow is mandatory to prevent thermal throttling. Additionally, the D3KB1738BAH3WAW is frequently utilized in CNC machinery control panels, welding equipment, and medical instrumentation, providing reliable thermal regulation to protect sensitive electronic components from heat-induced failure in harsh operating environments.

## Supplemental Images

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