# DV04028B12L-350 AVC 12VDC 40x40x28mm Server Axial Fan Datasheet


**Brand:** AVC

**SKU:** 899549196823

**Category:** Axial & Centrifugal Fans

**Price:** **$4.99**

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

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

Product Page:
https://www.equipspares.com/product/dv04028b12l-350-avc-12vdc-40x40x28mm-server-axial-fan

## Product Description

The AVC DV04028B12L-350 is a high-efficiency Axial Fan engineered for demanding thermal management applications. Featuring a robust DC motor architecture paired with a precision Double Ball Bearing system, this unit ensures minimized friction and extended operational longevity even under continuous load. The aerodynamic blade design optimizes airflow while maintaining structural rigidity under high-speed rotation, effectively mitigating vibration and resonance. Designed to lower thermal impedance in compact enclosures, the DV04028B12L-350 delivers reliable cooling performance, making it an essential component for maintaining system stability in critical industrial and server environments.

Model Number: DV04028B12L-350
Brand: AVC (Asia Vital Components)
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 0.36 A
Power: 4.32 W
Rated Speed: 13000 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 23.8 CFM (40.4 $m^3/h$ / 0.67 $m^3/min$)

Max. Static Pressure: 19.5 mm$H_2O$ (191 Pa / 0.77 in$H_2O$)
Dimensions: 40x40x28mm
Weight: 48 g
Life Expectancy: 70000 Hours at 40°C
Noise Level: 52.0 dBA
Housing Material: Thermoplastic PBT (UL94V-0)
Impeller Material: Thermoplastic PBT (UL94V-0)
Ingress Protection: IP40
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: Lead Wires
Certifications: CE, UL, TUV

The DV04028B12L-350 is specifically calibrated for high-density electronic environments such as 1U server racks and blade servers where space is constrained but heat dissipation requirements are extreme. This cooling solution is also widely utilized in telecommunications equipment, network switches, and precision medical instrumentation requiring consistent airflow. By integrating the DV04028B12L-350 into industrial automation systems and CNC machinery, operators ensure critical components remain within safe thermal operating limits, preventing downtime and hardware degradation.

## Supplemental Images