

DAZA0410R2H-015 AVC 12VDC 40x40x10mm Hydraulic Axial Fan Datasheet



Brand: AVC

SKU: 956124151475

Category: Axial & Centrifugal Fans

Price: \$9.99

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Product Page:

<https://www.equipspares.com/product/daza0410r2h-015-avc-12vdc-40x40x10mm-hydraulic-axial-fan>

Product Description

The AVC DAZA0410R2H-015 is a compact Axial Fan engineered for precision thermal management in space-constrained electronic enclosures. Utilizing advanced hydraulic bearing technology, this unit optimizes the balance between rotational stability and acoustic performance, significantly reducing friction-induced noise while extending operational lifespan compared to standard sleeve bearings. The aerodynamic blade geometry is designed to maximize static pressure delivery within a 40mm footprint, ensuring efficient airflow through dense component arrays. Operating at a rated 12VDC with a minimal current draw of 0.06A, it minimizes power consumption while maintaining effective thermal impedance reduction, making it an ideal solution for continuous-duty applications requiring reliable heat dissipation and structural rigidity.

Model Number: DAZA0410R2H-015

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.06 A

Power: 0.72 W

Rated Speed: 4500 RPM

Bearing Type: Hydraulic Bearing

Max. Air Flow: 4.85 CFM (8.24 m³/h / 0.14 m³/min)
Max. Static Pressure: 2.15 mmH₂O (21.08 Pa / 0.08 inH₂O)
Dimensions: 40 x 40 x 10 mm
Weight: 14.5 g
Life Expectancy: 40,000 Hours at 40°C
Noise Level: 18.2 dB(A)
Lead Wire Length: 248 mm
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
Ingress Protection: IP40
Termination: 2-Wire Lead
Mounting Orientation: Any

Designed specifically for compact electronic environments, the DAZA0410R2H-015 excels in maintaining optimal operating temperatures for surveillance equipment such as Hikvision DVRs and NVRs. Its low-profile 10mm thickness allows for seamless integration into hard drive chassis and tight enclosures where airflow is critical but space is limited. By delivering consistent cooling performance, the DAZA0410R2H-015 prevents thermal throttling in continuous recording systems, ensuring data integrity and hardware longevity in security infrastructure and small form-factor IT deployments.

Supplemental Images

