

JF0815B1UK-R JAMICON 12VDC 80x80x15mm 0.34A Axial Fan Datasheet



Brand: Jamicon

SKU: [1001596307746](#)

Category: Axial & Centrifugal Fans

Price: **\$7.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/jf0815b1uk-r-jamicon-12vdc-80x80x15mm-0-34a-axial-fan>

Product Description

The JAMICON JF0815B1UK-R is a precision-engineered DC Axial Fan designed for thermal management in space-constrained environments. Utilizing advanced Dual Ball Bearing architecture, this unit ensures minimized frictional coefficients and extended operational longevity under continuous load. The aerodynamic impeller profile is optimized to deliver high static pressure while maintaining structural rigidity, effectively reducing thermal impedance in dense electronic assemblies. The motor assembly features robust electromagnetic design, providing stable torque delivery and consistent rotational velocity, making it an ideal solution for critical cooling applications requiring reliability and efficiency.

Model Number: JF0815B1UK-R

Brand: JAMICON

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.34 A

Power Consumption: 4.08 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 42.5 CFM (72.2 m³/h / 1.20 m³/min)

Max. Static Pressure: 3.8 mmH₂O (37.2 Pa / 0.15 inH₂O)

Dimensions: 80x80x15mm

Weight: 65 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 39.0 dBA

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Insulation Class: Class A

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Ingress Protection: IP20

Safety Certifications: CE, UL, TUV

This cooling solution is specifically engineered for compact electronic enclosures where vertical clearance is limited. Common deployments include 1U server rack power supplies, telecommunications switching gear, and industrial automation control panels. The JF0815B1UK-R excels in dissipating heat from high-density component clusters, ensuring system stability in network attached storage (NAS) units and medical instrumentation. Integrators rely on the JF0815B1UK-R for its balance of slim profile and high volumetric airflow, making it a staple in OEM replacement and custom thermal fabrication projects.

Supplemental Images

