

8212LGR-C01/A01 ebmpapst 12VDC 80x80x15mm Axial Fan Datasheet



Brand: ebmpapst

SKU: [1020120137864](#)

Category: Axial & Centrifugal Fans

Price: **\$24.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/8212lgr-c01-a01-ebmpapst-12vdc-80x80x15mm-axial-fan>

Product Description

The ebmpapst 8212LGR-C01/A01 is a specialized compact axial fan designed for precision thermal management in appliance and industrial applications. Engineered with a highly efficient DC motor, this unit operates at a nominal 12VDC with an exceptionally low current draw of 0.04A, translating to a power consumption of just 0.48W. This low-power profile ensures minimal heat generation from the motor itself, optimizing the net cooling effect. The 80x80x15mm chassis is constructed from high-grade, fiberglass-reinforced plastic, providing structural rigidity while maintaining a lightweight profile. Its aerodynamic impeller is calibrated for low-turbulence airflow, making it an ideal solution for noise-sensitive environments such as refrigeration units where acoustic discretion and reliability are paramount.

Model Number: 8212LGR-C01/A01

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Product Type: Axial Fan

Rated Voltage: 12VDC

Rated Current: 0.04 A

Power Consumption: 0.48 W

Dimensions: 80x80x15mm

Bearing Type: Maintenance-free Sleeve / SinTec

Termination: 2-Wire (Red +, Black -)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PA Plastic

Mounting Holes: 4 x 4.3mm

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Airflow Direction: Exhaust over struts

Application: Aucma Refrigerator Cooling

Weight: Approx. 0.06 kg

Operating Temperature: -10 to +70 Degrees Celsius

The 8212LGR-C01/A01 is widely utilized as a direct OEM replacement for refrigeration appliances, specifically within Aucma refrigerator systems, to ensure consistent internal air circulation. By maintaining uniform temperature distribution, the 8212LGR-C01/A01 helps prevent frost accumulation and spoilage while operating quietly in the background. Beyond refrigeration, this slim 15mm profile fan is also suitable for compact power supplies, small cabinet ventilation, and other electronic enclosures where space is constrained and low-power, continuous cooling is required.

Supplemental Images

