

GW12E12MS1DCB-07E151 Nidec 12VDC 120x120x45mm 4-Pin Axial Fan Datasheet



Brand: Nidec

SKU: [914690673220](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/gw12e12ms1dcb-07e151-nidec-12vdc-120x120x45mm-4-pin-axial-fan>

Product Description

The Nidec GW12E12MS1DCB-07E151 is a high-efficiency Axial Fan engineered for optimal thermal regulation in restricted airflow environments. Utilizing advanced DC motor technology, this unit delivers consistent performance with a rated speed of 2106 RPM, ensuring effective heat dissipation while maintaining operational stability. The chassis features a robust 120x120x45mm form factor, constructed to withstand continuous duty cycles with minimal vibration. Its aerodynamic impeller design maximizes static pressure capabilities, making it suitable for complex cooling circuits. The integration of a precision bearing system reduces friction and thermal impedance, contributing to extended service life and reliability in industrial and appliance-grade cooling systems.

Model Number: GW12E12MS1DCB-07E151

Brand: Nidec

Product Type: Axial Fan

Rated Voltage: 12VDC

Rated Current: 0.29 A (Measured 0.296 A)

Power: 3.48 W

Rated Speed: 2106 RPM

Dimensions: 120 x 120 x 45 mm

Termination: 4-Pin Connector

Wire Length: 80 mm

Application: Refrigerator Cooling (Haier/Rongsheng)

The GW12E12MS1DCB-07E151 is specifically calibrated for integration into refrigeration systems and appliance cooling modules. Its robust design allows it to function effectively in the cold, moisture-prone environments typical of commercial and residential freezers, such as Haier and Rongsheng units. Beyond refrigeration, the GW12E12MS1DCB-07E151 serves as a reliable component for electronic cabinet cooling, server rack ventilation, and heat exchange systems where a 120mm form factor with deep static pressure potential is required.

Supplemental Images

