

GW12E12MS1DCB-06E151 Nidec 12VDC 120mm Refrigerator DC Fan Datasheet



Brand: Nidec

SKU: [914650830943](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/gw12e12ms1dcb-06e151-nidec-12vdc-120mm-refrigerator-dc-fan>

Product Description

The Nidec GW12E12MS1DCB-06E151 is a precision-engineered DC Axial Fan designed specifically for critical thermal management in appliance and industrial applications. Utilizing advanced DC brushless motor technology, this unit ensures optimal airflow efficiency while maintaining low acoustic resonance, a critical factor for consumer appliance integration. The robust frame construction offers superior structural rigidity, minimizing vibration during continuous operation. Engineered for high-reliability environments, the motor features an optimized winding architecture to reduce thermal impedance, ensuring consistent performance and longevity in the variable temperature zones typical of refrigeration systems.

Model Number: GW12E12MS1DCB-06E151

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Product Type: DC Axial Fan

Rated Voltage: 12VDC

Rated Current: 0.29 A

Power Consumption: 3.48 W

Frame Size: 120mm (GW12 Series Standard)

Bearing Type: Maintenance-Free Bearing System

Application: Siemens / Bosch Refrigerator Motor

Motor Type: DC Brushless

Termination: 3-Wire Lead with Connector

Housing Material: Reinforced Plastic (UL94V-0)

Blade Material: Reinforced Plastic

Operating Temperature: -10°C to +70°C

Speed Control: Electronic Commutation

Mounting Type: Flange Mount

Compliance: RoHS, OEM Specification

This cooling solution is specifically calibrated for integration into household and commercial refrigeration units, serving as a direct OEM replacement for specific Siemens and Bosch appliance systems. The GW12E12MS1DCB-06E151 facilitates efficient air circulation within cold storage compartments, ensuring uniform temperature distribution to preserve perishables. Beyond refrigeration, the GW12E12MS1DCB-06E151 is suitable for custom ventilation projects requiring a 12VDC profile with reliable static pressure capabilities, providing consistent thermal regulation in confined chassis environments.

Supplemental Images

