

GW10C12MS2BA-52Z20 Nidec 12VDC Refrigerator DC Fan Datasheet



Brand: Nidec

SKU: 705497876674

Category: Axial & Centrifugal Fans

Price: \$17.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/gw10c12ms2ba-52z20-nidec-12vdc-refrigerator-dc-fan>

Product Description

The Nidec GW10C12MS2BA-52Z20 is a specialized DC Brushless Fan engineered for demanding thermal management within refrigeration environments. Utilizing advanced motor technology, this unit ensures optimal airflow efficiency while maintaining low power consumption. The design incorporates a precision bearing architecture that minimizes friction and acoustic noise, contributing to a stable thermal impedance profile. Its robust construction offers structural rigidity essential for continuous operation in cold storage applications, ensuring long-term reliability and consistent cooling performance for preservation systems.

Model Number: GW10C12MS2BA-52Z20

Brand: Nidec

Product Type: DC Brushless Fan

Rated Voltage: 12 VDC

Rated Current: 0.11 A

Input Power: 1.32 W

Motor Technology: DC Brushless

Application: Refrigerator Evaporator

Compatible Brands: Haier, Midea

Cooling Method: Active Air Circulation

Operating Environment: Low Temperature / Freezer

Material: Thermoplastic UL94V-0

The GW10C12MS2BA-52Z20 is primarily deployed within residential and commercial refrigeration units, specifically serving as an evaporator fan to circulate cold air throughout freezer compartments. This component is critical for maintaining uniform temperatures in appliances from manufacturers like Haier and Midea. Additionally, the GW10C12MS2BA-52Z20 is suitable for custom cold storage solutions and compact thermal exchange systems where reliable, low-temperature operation is required to preserve perishable goods.

Supplemental Images

