

# D04G-24TS2 01 Nidec 24V frequency converter cooling fan

**SKU:** 906659523160

**Price:** \$9.99

**Categories:** Fans

**Tags:** Nidec

**Product Link:**

<https://www.electspares.com/product/d04g-24ts2-01-nidec-24v-frequency-converter-cooling-fan/>

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## Product Description

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D04G-24TS2 01 Nidec 24V frequency converter cooling fan

Model Number: D04G-24TS2 01

Manufacturer: Nidec

Fan Type: DC Brushless Axial Fan

Dimensions (L x H x W): 40 mm x 40 mm x 20 mm (Often referred to as "4020" fan)

Rated Voltage: 24 VDC

Rated Current: 0.17 A

Input Power: 4.08 W (Calculated from 24V \* 0.17A)

Wiring: 2 Lead Wires (Positive, Negative) - Note: While some Nidec fans have 3 or 4 wires, this specific model (based on common listings) appears to be 2-wire.

Bearing Type: Dual Ball Bearing

Rotational Speed (RPM): Not consistently specified in common listings for this exact model, but typically designed for efficient cooling, often labeled as "silent."

Maximum Airflow: Not consistently specified in common listings for this exact model.

Maximum Static Pressure: Not consistently specified in common listings for this exact model.

Noise Level: Often described as "silent" for an inverter fan of this size, though a specific dB(A) is not widely listed.

Frame Material: Plastic

Impeller (Blade) Material: Plastic

Protection Functions: Typically includes Locked Rotor Burnout Protection and Reverse Polarity Protection, common for Nidec DC fans.

Operating Temperature Range: Not consistently specified in common listings.

Expected Life: 80,000 hours (for continuous operation, typically at 20°C).

Safety Approvals: Not consistently listed, but common for Nidec fans are UL, CE.

Mass: Approximately 0.10 - 0.13 lbs (around 45 - 60 grams)

The Nidec D04G-24TS2 01 is a compact 40x40x20mm DC axial fan, specifically designed for cooling applications in inverters and other electronic devices where quiet operation is desired. Running on 24VDC with a 0.17A current draw and 4.08W power, it utilizes durable dual ball bearings for extended reliability and a long expected life of 80,000 hours. This 2-wire fan is built with plastic frame and impeller, and includes essential protections such as locked rotor and reverse polarity, providing a robust and potentially "silent" thermal management solution for its size.

## Product Images

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