

# D1751S24B6CZ-75 Nidec 24V 1.8A High Airflow Cooling Fan Datasheet



**Brand:** Nidec

**SKU:** [988947546108](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$134.99**

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Product Page:

<https://www.equipspares.com/product/d1751s24b6cz-75-nidec-24v-1-8a-high-airflow-cooling-fan>

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## Product Description

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The Nidec D1751S24B6CZ-75 is a robust industrial cooling solution engineered for high-demand environments requiring substantial air movement. Designed by Nidec Corporation, this axial fan delivers exceptional airflow capabilities driven by a powerful 24VDC motor. Its construction incorporates precision ball bearings to ensure longevity and consistent performance under continuous operation, making it an ideal choice for critical thermal management in variable frequency drives and power electronics.

Manufacturer: Nidec Corporation

Model Number: D1751S24B6CZ-75

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.8A

Power Consumption: 43.2W

Bearing Type: Dual Ball Bearing

Frame Dimensions: 172 mm x 150 mm x 51 mm

Frame Material: Aluminum Die-Cast

Impeller Material: Reinforced Plastic (UL94V-0)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Weight: 830 g

Application: Inverter Cooling, Server Cabinets, Industrial Automation

This high-capacity cooling fan is specifically engineered for thermal regulation in industrial automation equipment and power conversion systems. It is extensively utilized to dissipate heat from variable frequency drives (VFDs), large-scale inverters, and server cabinets where sustained high airflow is required to prevent component overheating. The robust design allows for reliable operation in manufacturing plants and data centers. The Nidec D1751S24B6CZ-75 ensures optimal operating temperatures for sensitive electronics, thereby extending the service life of critical infrastructure and minimizing downtime in heavy-duty applications.

## Supplemental Images

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