

DJF80T7AH-S01 Nidec 12VDC 80x80x25mm Axial Fan Datasheet



Brand: Nidec

SKU: [913149297769](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/djf80t7ah-s01-nidec-12vdc-80x80x25mm-axial-fan>

Product Description

Nidec DJF80T7AH-S01 is a 12VDC 80x80x25mm Axial Fan optimized for low-noise thermal management in space-constrained enclosures. This unit utilizes Nidec's advanced motor technology to maintain high structural rigidity while minimizing electromagnetic interference. The aerodynamic impeller design is engineered to reduce turbulence and thermal impedance, ensuring consistent laminar flow across sensitive electronic components. Operating at a rated current of 0.11A and a speed of 2500 RPM, it delivers a balanced 32.5 CFM of airflow with a static pressure of 2.8 mmH₂O, making it an ideal solution for continuous duty cycles in professional computing environments.

Model Number: DJF80T7AH-S01

Brand: Nidec

Product Type: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.11 A

Power: 1.32 W

Rated Speed: 2500 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 32.5 CFM (55.2 m³/h / 0.92 m³/min)

Max. Static Pressure: 2.8 mmH₂O (27.46 Pa / 0.11 inH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 75 g

Life Expectancy: 30,000 Hours at 40°C

Noise Level: 26.0 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 3-Wire Lead Wires

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Certifications: UL, CSA, TUV, CE, RoHS

DJF80T7AH-S01 Applications

1. Desktop PC Chassis: Provides a quiet replacement fan solution for standard ATX cases where low acoustic signatures are required for office productivity.
2. Network Switch Enclosures: Optimized for overcoming internal impedance in 2U and 3U rackmount networking hardware without exceeding power budget constraints.
3. Medical Diagnostic Equipment: The low-vibration profile ensures stable operation for sensitive optical or scanning sensors in laboratory environments." .

Supplemental Images

