

D07F-13B1S1-01AH1 Nidec 13VDC 75x75x20mm Blower Fan Datasheet



Brand: Nidec

SKU: [692578062738](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/d07f-13b1s1-01ah1-nidec-13vdc-75x75x20mm-blower-fan>

Product Description

The Nidec D07F-13B1S1-01AH1 is a Centrifugal Blower Fan engineered for precision thermal management in compact electronic assemblies. Utilizing advanced DC motor technology, this unit optimizes airflow dynamics to reduce thermal impedance within high-density enclosures. The aerodynamic impeller design ensures consistent static pressure delivery, maintaining structural rigidity under continuous operation. Built for reliability, the D07F-13B1S1-01AH1 integrates robust materials to withstand thermal cycling, making it an essential component for maintaining operational stability in sensitive equipment like optical projectors and industrial instrumentation.

Model Number: D07F-13B1S1-01AH1

Brand: Nidec

Product Type: Centrifugal Blower / Turbine Fan

Rated Voltage: 13V DC

Voltage Range: 12.0 - 13.8 VDC

Rated Current: 0.33 A

Power Consumption: 4.29 W

Dimensions: 75mm x 75mm x 20mm

Bearing Type: Precision Sleeve Bearing

Max. Air Flow: Approx. 10.5 CFM

Max. Static Pressure: High Static Pressure Profile

Rated Speed: 3800 RPM (Estimated)

Noise Level: 36 dBA

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 3-Wire Lead

Connector: Standard 3-Pin Header

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Ingress Protection: IP40

Application: Projector Cooling, Spot Cooling

This centrifugal blower is specifically calibrated for demanding thermal applications such as digital projectors and multimedia equipment. The D07F-13B1S1-01AH1 excels in restricted spaces where directing airflow at a 90-degree angle is required to cool optical engines and power supply units. Additionally, the D07F-13B1S1-01AH1 is suitable for compact server chassis, telecommunications hardware, and industrial automation interfaces where concentrated static pressure is necessary to overcome system resistance.

Supplemental Images

