HT-08025D12H HTFANNER 12VDC 80x80x25mm 2-Wire Axial Fan Datasheet

SKU: 992765450604

Category: Axial & Centrifugal Fans

Price: **$3.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ht-08025d12h-htfanner-12vdc-80x80x25mm-2-wire-axial-fan

Product Description

The HTFANNER HT-08025D12H is a precision-engineered Axial Fan designed for high-reliability thermal management in industrial and computing environments. Utilizing a brushless DC motor architecture, this unit integrates a dual ball bearing system to ensure extended service life and minimal thermal impedance under continuous operation. The structural rigidity of the PBT thermoplastic housing and impeller minimizes vibration-induced noise while optimizing aerodynamic efficiency. Engineered for consistent airflow delivery, the HT-08025D12H maintains stable performance across varying pressure gradients, making it an ideal solution for critical component cooling where mechanical durability and efficient heat dissipation are paramount.

Model Number: HT-08025D12H
Brand: HTFANNER
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.20A
Power: 2.4W
Rated Speed: 3000 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 38.50 CFM (65.41 m^3/h / 1.09 m^3/min)

Max. Static Pressure: 4.20 mmH_2O (41.19 Pa / 0.17 inH_2O)
Dimensions: 80x80x25mm
Weight: 75g
Life Expectancy: 70,000 Hours at 40°C
Housing Material: UL94V-0 PBT Plastic
Blade Material: UL94V-0 PBT Plastic
Termination: 2-Wire Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Mounting Orientation: All Directions
Protection: Locked Rotor Protection, Reverse Polarity Protection
Certifications: CE, RoHS, UL

The HT-08025D12H is extensively utilized in high-density server racks and telecommunications infrastructure to maintain optimal operating temperatures for sensitive electronics. Its robust construction also makes the HT-08025D12H a preferred choice for CNC machinery control cabinets and medical diagnostic equipment where consistent airflow is required. The fan's compact form factor allows for seamless integration into power supply units and industrial workstations, ensuring long-term system stability.

Supplemental Images


HTFANNER.COM
MODEL:HT-08025D12H
DC 12V 0.20A 211101
MADE IN CHINA
HUI TONG ELECTRONIC CO., LTD