U92T12MUA7-52 Nidec 12VDC 92x92x25mm 3-Wire Axial Fan Datasheet

Brand: Nidec

SKU: 986099604085

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/u92t12mua7-52-nidec-12vdc-92x92x25mm-3-wire-axial-fan

Product Description

The Nidec U92T12MUA7-52 is a DC Axial Fan engineered for precision thermal management in compact electronic assemblies. Utilizing Nidec's advanced DC brushless motor technology, this unit delivers consistent airflow while maintaining a low acoustic profile, essential for noise-sensitive environments. The aerodynamic impeller design optimizes static pressure capabilities, overcoming system impedance in dense enclosures. Constructed with high-rigidity materials, the frame ensures structural integrity under thermal stress, while the bearing system is calibrated for extended operational longevity and reduced friction, ensuring reliable performance in continuous duty cycles.

Model Number: U92T12MUA7-52
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 12VDC
Rated Current: 0.16 A
Power Consumption: 1.92 W
Dimensions: 92 x 92 x 25 mm
Termination: 3-Wire / 3-Pin Connector
Bearing Type: Precision Maintenance-Free Bearing
Motor Type: DC Brushless
Housing Material: Reinforced Plastic (UL94V-0)

Impeller Material: Reinforced Plastic (UL94V-0)
Speed Signal: Tachometer Output
Application: Projector Cooling, Electronic Equipment
Mounting Type: Flange Mount
Operating Temperature: -10 to +70 Degrees Celsius

The U92T12MUA7-52 is specifically designed for high-reliability applications such as multimedia projectors, where maintaining optimal operating temperatures is critical for lamp life and component stability. Its balanced airflow-to-noise ratio makes the U92T12MUA7-52 ideal for home theater equipment, compact server racks, and precision instrumentation. Additionally, this model serves as a robust solution for industrial control cabinets requiring consistent air exchange to prevent thermal throttling in sensitive logic boards.

Supplemental Images


Nidec
UltraFlo
MODEL
U60T12MUA7-52
12 V DC
0.16 A
E.P.
7630H 65
TÜV
MADE IN CHINA
JS