

U40X12MLZ7-53 Nidec 12V0.05A silent fan

SKU: U40X12MLZ7-53

Price: \$9.99

Categories: Fans

Tags: Nidec

Product Link:

<https://www.electspares.com/product/u40x12mlz7-53-nidec-12v0-05a-silent-fan/>

Product Description

The Nidec U40X12MLZ7-53 is a compact 40x40x10mm DC axial fan from Nidec's UltraFlo series, known for its remarkably quiet operation. Operating on 12VDC with a very low current draw of 0.05A and consuming only 0.6W of power, it features Nidec's advanced NBRX hydraulic magnetic levitation bearing for enhanced quietness and longevity. This fan delivers 3.88 CFM of airflow and 0.08 in H₂O of static pressure at 5000 RPM, producing a minimal noise level of 14.5 dB(A). With a 3-wire connection including a tachometer output for speed monitoring, this fan is an ideal choice for discreet and efficient cooling in space-constrained applications like chipsets, HTPCs, and other small electronic devices, offering an expected life of 50,000 hours.

Model Number: U40X12MLZ7-53

Manufacturer: Nidec

Fan Type: DC Brushless Axial Fan (UltraFlo series)

Dimensions (L x H x W): 40 mm x 40 mm x 10 mm

Rated Voltage: 12 VDC

Rated Current: 0.05 A

Input Power: 0.6 W

Wiring: 3 Lead Wires (Positive, Negative, and a speed sensor/tachometer output)

Bearing Type: NBRX (Maintenance-free high-density hydraulic magnetic levitation bearing)

Rotational Speed (RPM): 5000 RPM

Maximum Airflow: 3.88 CFM (0.11 m³/min)

Maximum Static Pressure: 20 Pa (0.08 in H₂O)

Noise Level: 14.5 dB(A)

Frame Material: Plastic

Impeller (Blade) Material: Plastic

Sensor/Control: Tachometer output

Protection Functions: Electronically protected (common for Nidec DC fans)

Operating Temperature Range: -10°C to +70°C

Expected Life: 50,000 hours

Mass: 20 g

Original authentic Nideco NIDEC U40X12MLZ7-53 4CM 12V0.05A North and South Bridge silent fan

Product Images









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