

# THD2348MU-00 Delta 48VDC 230x100mm Metal Frame Axial Fan Datasheet



**Brand:** Delta

**SKU:** [679422497930](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$342.99**

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Product Page:

<https://www.equipspares.com/product/thd2348mu-00-delta-48vdc-230x100mm-metal-frame-axial-fan>

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## Product Description

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The Delta THD2348MU-00 is a robust industrial Axial Fan engineered for mission-critical thermal management applications requiring exceptional airflow density. Utilizing advanced DC motor technology and a precision-balanced impeller, this unit minimizes thermal impedance while maintaining operational stability under high static pressure loads. The construction features a durable aluminum die-cast frame, ensuring superior structural rigidity and heat dissipation properties in harsh environments. Equipped with high-grade ball bearings, the THD2348MU-00 delivers reliable longevity and consistent performance, making it an optimal solution for demanding electronic cooling systems where airflow efficiency and mechanical durability are paramount.

Model Number: THD2348MU-00

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 60.0 VDC

Rated Current: 5.88 A

Power Consumption: 282.24 W

Rated Speed: 4800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 930.0 CFM (1579 m<sup>3</sup>/h)

Max. Static Pressure: 3.50 inH<sub>2</sub>O (871 Pa)  
Dimensions: 230 x 230 x 100 mm  
Frame Material: Aluminum Die-Cast  
Impeller Material: Reinforced Plastic UL94V-0  
Noise Level: 78.5 dB-A  
Termination: Lead Wires  
Ingress Protection: IP54 (Optional)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +75°C  
Life Expectancy: 70,000 Hours at 40°C  
Safety Certifications: UL, cUL, TUV, CE  
Protection: Locked Rotor, Reverse Polarity

The THD2348MU-00 is specifically calibrated for high-density industrial applications such as large-scale server racks, telecommunications base stations, and heavy-duty power supply units. Its robust aluminum frame allows the THD2348MU-00 to operate effectively in CNC machinery and automated manufacturing lines where vibration resistance is critical. Additionally, this model serves as a primary cooling component in renewable energy inverters and medical imaging equipment, ensuring thermal stability for sensitive electronics.

## Supplemental Images

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