

# THD2048CTAXK Delta 48VDC 5.88A 200x200x70mm Axial Fan Datasheet



**Brand:** Delta

**SKU:** [835158301027](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$183.99**

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Product Page:

<https://www.equipspares.com/product/thd2048ctaxk-delta-48vdc-5-88a-200x200x70mm-axial-fan>

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## Product Description

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The Delta THD2048CTAXK is a high-capacity Axial Fan designed to deliver exceptional thermal management in mission-critical industrial applications. Engineered with a robust DC motor and a precision ball bearing system, this unit minimizes frictional losses while ensuring structural rigidity under high-speed operation. The fan features an advanced aerodynamic impeller design that optimizes airflow dynamics, significantly reducing thermal impedance in high-density enclosures. Its durable construction and efficient electronic commutation provide reliable performance, making it a superior choice for systems requiring sustained high static pressure and substantial air volume throughput.

Model Number: THD2048CTAXK

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 60.0 VDC

Rated Current: 5.88 A

Input Power: 206.40 W

Output Power: 165.12 W

Rated Speed: 5600 RPM

Bearing Type: Precision Ball Bearing

Max. Air Flow: 680.0 CFM (1155 m<sup>3</sup>/h / 19.25 m<sup>3</sup>/min)

Max. Static Pressure: 4.20 inH<sub>2</sub>O (1045 Pa / 106.6 mmH<sub>2</sub>O)

Dimensions: 200 x 200 x 70 mm

Weight: 1850 g

Life Expectancy: 70,000 Hours at 40°C

Frame Material: Aluminum Die-Cast

Impeller Material: Reinforced Plastic (UL 94V-0)

Ingress Protection: IP54

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Noise Level: 78.5 dB(A)

Termination: Lead Wires

Speed Control: PWM / Tachometer Output

Safety Protection: Locked Rotor, Reverse Polarity

The THD2048CTAXK is specifically engineered for precision air conditioning systems and intelligent temperature control units where rapid heat dissipation is critical. Additionally, the THD2048CTAXK serves effectively in large-scale server infrastructure, telecommunications cabinets, and industrial automation equipment requiring consistent, high-velocity airflow to maintain optimal operating temperatures.

## Supplemental Images

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