

THD0924HE-G3F Delta 24VDC 92x92x38mm PWM IP68 Axial Fan Datasheet



Brand: Delta

SKU: 950420457481

Category: Axial & Centrifugal Fans

Price: **\$35.99**

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Product Page:

<https://www.equipspares.com/product/thd0924he-g3f-delta-24vdc-92x92x38mm-pwm-ip68-axial-fan>

Product Description

The Delta THD0924HE-G3F is a high-performance DC Axial Fan engineered for rigorous industrial thermal management applications. Utilizing a robust Dual Ball Bearing architecture, this unit ensures exceptional structural rigidity and extended operational lifespan under high-stress conditions. The fan features an advanced aerodynamic impeller design that maximizes airflow efficiency while overcoming high system impedance, making it ideal for densely packed enclosures. Equipped with IP68 ingress protection, the THD0924HE-G3F offers superior resistance to dust, particulate matter, and moisture intrusion, ensuring reliability in harsh environments. The integration of 4-wire PWM speed control allows for precise dynamic thermal regulation, optimizing power consumption and acoustic performance based on real-time cooling demands.

Model Number: THD0924HE-G3F

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Rated Current: 1.80 A

Input Power: 43.20 W

Dimensions: 92 x 92 x 38 mm

Bearing Type: Dual Ball Bearing

Speed Control: 4-Wire PWM

Ingress Protection: IP68

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Termination: Lead Wires

Mounting Orientation: Any

Operating Temperature: -10°C to +70°C

Application: Industrial Inverters, VFDs, Automation Equipment

This robust cooling solution is specifically designed for deployment in variable frequency drives (VFDs), heavy-duty industrial inverters, and automation control cabinets where reliable heat dissipation is paramount. The THD0924HE-G3F is frequently utilized in CNC machinery and telecommunications infrastructure, providing critical airflow to prevent thermal throttling of sensitive power electronics. By integrating the THD0924HE-G3F into server racks and outdoor industrial enclosures, operators ensure consistent thermal stability and component longevity, even in environments subject to moisture and dust exposure.

Supplemental Images

