

THD0924HE-00 Delta 24V 1.8A 9038 High Speed IP68 Cooling Fan Datasheet



Brand: Delta

SKU: [HD0924HE-00](#)

Category: Axial & Centrifugal Fans

Price: **\$28.99**

E-mail: sales@equipspares.com

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Product Description

The Delta THD0924HE-00 is a high-performance industrial cooling fan designed for critical thermal management in harsh environments. Featuring a robust IP68 ingress protection rating, this unit is fully waterproof and dustproof, making it capable of withstanding submersion and particulate exposure. With a powerful high-speed motor driven by a 24VDC input, it delivers exceptional airflow and static pressure, regulated via a 4-wire PWM interface for precise speed control and efficiency.

Manufacturer: Delta Electronics

Model Number: THD0924HE-00

Product Type: DC Axial Fan

Dimensions: 92 x 92 x 38 mm (9038)

Rated Voltage: 24 VDC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.80 A

Power Consumption: 43.20 W

Nominal Speed: 9500 RPM

Max. Air Flow: 158.92 CFM (270.0 m³/h / 4.50 m³/min)

Max. Static Pressure: 36.83 mmH₂O (361.2 Pa / 1.45 inH₂O)

Noise Level: 68.5 dB(A)

Bearing Type: Precision Ball Bearing

Control Interface: 4-Wire PWM (Pulse Width Modulation)

Ingress Protection: IP68 (Waterproof/Dustproof)

Housing Material: PBT Plastic (UL94V-0)

Life Expectancy: 70,000 Hours at 40°C

Weight: 245 g

This robust cooling solution is specifically engineered for high-density industrial electronics, particularly designated for cooling variable frequency drives (VFDs) and power inverters. The Delta THD0924HE-00 is capable of overcoming high system impedance to dissipate heat effectively from IGBT modules and rectifiers within enclosed cabinets. Its waterproof capabilities allow for reliable operation in outdoor telecommunications gear, CNC machinery, and harsh factory floors where moisture and dust ingress would compromise standard fans, ensuring continuous system stability.

Supplemental Images

