

# HTD09232D12X Huatong 12VDC 92x92x32mm 3-Wire Axial Fan Datasheet



SKU: [1016546157545](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

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Product Page:

<https://www.equipspares.com/product/htd09232d12x-huatong-12vdc-92x92x32mm-3-wire-axial-fan>

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## Product Description

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The Huatong HTD09232D12X is a precision-engineered Axial Fan designed for critical thermal management in appliance and industrial applications. Utilizing advanced DC motor technology, this unit optimizes airflow efficiency while maintaining low power consumption. The aerodynamic blade profile is calibrated to reduce turbulence and minimize acoustic signatures, ensuring stable operation within restricted enclosures. Constructed with high-grade thermoplastic materials, the frame offers superior structural rigidity and resistance to environmental stressors. The internal bearing architecture is engineered to lower friction coefficients, thereby enhancing the unit's operational lifespan and reliability. This fan effectively mitigates thermal impedance in cooling systems, making it a robust solution for continuous duty cycles in refrigeration and electronic cooling environments.

Model Number: HTD09232D12X

Brand: Huatong

Product Type: Axial Fan

Rated Voltage: 12VDC

Rated Current: 0.08 A

Power Consumption: 0.96 W

Dimensions: 92mm x 92mm x 32mm

Termination: 3-Wire Lead

Connector Type: Standard 3-Pin (Sensor/Tachometer)

Housing Material: Thermoplastic (UL94V-0)

Blade Material: Thermoplastic

Application: Refrigerator Freezer Cooling

Mounting Type: Flange Mount

Motor Type: Brushless DC

Speed Control: Tachometer Signal Output

Operating Temperature: -10°C to +70°C

The HTD09232D12X is specifically configured for integration into household and commercial refrigeration systems, serving as a primary cooling component for freezer compartments. It is notably utilized as a direct replacement for the Little Swan BCD-182WGL refrigerator series to ensure consistent air circulation and temperature regulation. Beyond specific appliance repair, the HTD09232D12X is suitable for custom electronic cooling projects, cabinet ventilation, and small-scale heat exchange systems where reliable 12VDC airflow is required to prevent component overheating.

## Supplemental Images

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