AFB0624EH-A Delta 24VDC 60x60x25mm Axial Fan Datasheet

Brand: Delta

SKU: 990298522489

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/afb0624eh-a-delta-24vdc-60x60x25mm-axial-fan

Product Description

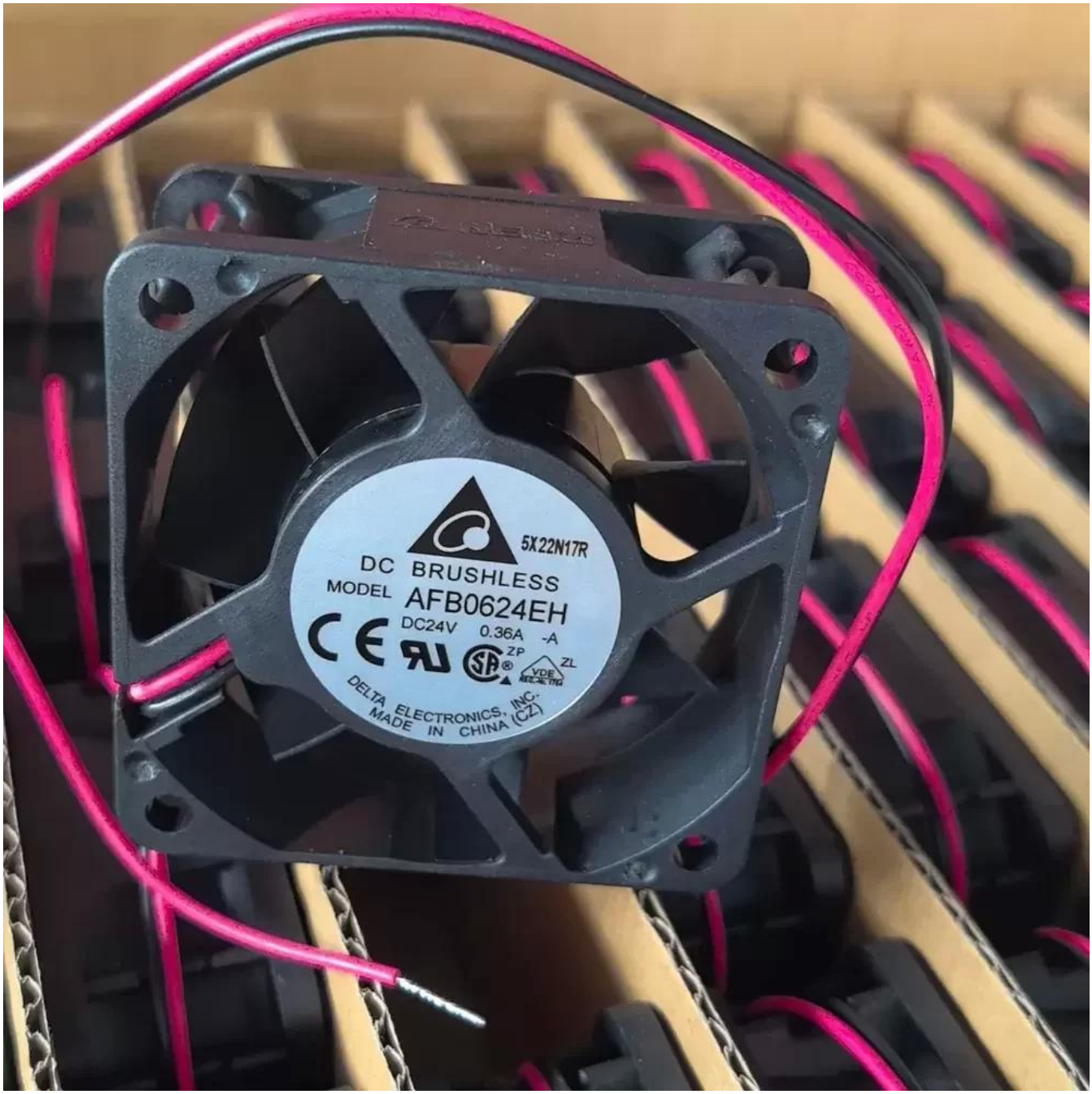
The Delta AFB0624EH-A is a precision-engineered DC axial fan designed for high-density thermal management applications. Utilizing a robust brushless DC motor architecture paired with a dual ball bearing system, this unit ensures exceptional longevity and structural rigidity under continuous operation. The aerodynamic impeller design optimizes airflow dynamics to reduce turbulence while maintaining high static pressure, making it ideal for overcoming system impedance in restricted enclosures. Its thermal impedance characteristics are minimized through efficient heat dissipation, ensuring reliable performance in industrial environments requiring consistent forced-air cooling.

Model Number: AFB0624EH-A
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.36 A
Input Power: 8.64 W
Rated Speed: 6800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 38.35 CFM (65.16 m^3/h / 1.08 m^3/min)
Max. Static Pressure: 13.81 mmH_2O (135.4 Pa / 0.54 inH_2O)
Dimensions: 60 x 60 x 25.4 mm

Noise Level: 46.5 dB-A
Termination: 2-Wire Leads
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Weight: 80 g
Ingress Protection: IP20
Safety Certifications: UL, CSA, VDE, CE

The AFB0624EH-A is specifically engineered for demanding industrial and electronic cooling scenarios where reliability is paramount. Common deployments include variable frequency drive (VFD) cooling, server rack ventilation, and compact power supply units. The high static pressure capabilities of the AFB0624EH-A allow it to effectively push air through dense component layouts found in telecommunications equipment and CNC machinery control panels, ensuring critical components remain within safe thermal operating limits.

Supplemental Images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MODEL AFB0624EH
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DELTA ELECTRONICS, INC.
MADE IN CHINA (CZ)