

AUB0812M-E114 Delta 12VDC 0.17A 80x80x25mm Axial Fan Datasheet



Brand: Delta

SKU: [834153092460](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/aub0812m-e114-delta-12vdc-0-17a-80x80x25mm-axial-fan>

Product Description

The Delta AUB0812M-E114 is a precision-engineered Axial Fan designed for critical thermal management in projection systems and instrumentation. Utilizing Delta's proprietary Superflo Bearing system, this unit bridges the gap between sleeve and ball bearings, offering reduced friction and extended operational lifespan through an internal oil circulation mechanism. The aerodynamic impeller geometry is optimized to deliver consistent airflow while minimizing acoustic resonance, ensuring efficient heat dissipation in noise-sensitive environments. Constructed with high-grade thermoplastic components, the fan maintains structural rigidity under thermal stress, providing reliable performance for industrial and consumer electronics applications requiring a balance of static pressure and volumetric flow.

Model: AUB0812M-E114

Brand: Delta Electronics

Product Type: Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.17 A

Input Power: 2.04 W

Rated Speed: 3000 RPM

Bearing Type: Superflo Bearing

Max. Air Flow: 32.4 CFM (55.0 m³/h / 0.92 m³/min)
Max. Static Pressure: 3.62 mmH₂O (35.5 Pa / 0.14 inH₂O)
Noise Level: 34.0 dBA
Dimensions: 80x80x25mm
Weight: 86 g
Termination: 3-Wire (Lead Wire)
Wire Function: VCC, GND, Tachometer (Speed Sensor)
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Operating Temperature: -10 to +70°C
Storage Temperature: -40 to +75°C
Life Expectancy: 50,000 Hours at 40°C
Insulation Resistance: 10 Megohm Min. at 500 VDC
Dielectric Strength: 5 mA Max. at 500 VAC 60Hz
Protection: Impedance Protected, Reverse Polarity Protection

The AUB0812M-E114 is specifically engineered for integration into high-definition projectors, optical instrumentation, and compact electronic enclosures where vibration control and longevity are paramount. Its optimized airflow profile makes the AUB0812M-E114 ideal for cooling lamp assemblies and power supply units within multimedia devices, ensuring stable operation during extended usage cycles in commercial and educational settings.

Supplemental Images

