

F3010AN-12VSV ICFAN 12VDC 30x30x10mm Silent Axial Fan Datasheet



Brand: ICFAN

SKU: 1014232697095

Category: Axial & Centrifugal Fans

Price: \$6.99

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Product Page:

<https://www.equipspares.com/product/f3010an-12vsv-icfan-12vdc-30x30x10mm-silent-axial-fan>

Product Description

The ICFAN F3010AN-12VSV is a compact DC axial fan engineered for high-density thermal management applications requiring a balance between airflow performance and acoustic discretion. Designed with an advanced motor structure, this unit operates on a 12VDC platform, drawing 0.16A to generate significant static pressure relative to its 30mm frame size. The fan features a robust thermoplastic housing and an optimized impeller geometry that reduces turbulence-induced noise while maintaining consistent volumetric flow. Its industrial-grade construction ensures structural rigidity and reliable operation, making it an ideal solution for mitigating thermal impedance in restricted electronic enclosures where standard cooling solutions may fail.

Model Number: F3010AN-12VSV

Brand: ICFAN

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Rated Current: 0.16 A

Power Consumption: 1.92 W

Dimensions: 30x30x10mm

Frame Size: 30mm

Frame Thickness: 10mm

Termination: 2-Wire Lead

Connector Type: Stripped Leads / Standard 2-Pin

Bearing Type: Precision Bearing System

Noise Profile: Low Acoustic Noise

Housing Material: Thermoplastic (UL94V-0)

Blade Material: Thermoplastic (UL94V-0)

Mounting Orientation: Any

Application: Industrial / Electronic Cooling

The F3010AN-12VSV is specifically calibrated for integration into compact electronic assemblies such as 3D printer nozzle cooling systems, where precise airflow is required to prevent filament jamming. Additionally, the F3010AN-12VSV is widely utilized in external hard drive enclosures and compact audio host units, providing essential heat dissipation to protect sensitive components from thermal degradation during continuous operation.

Supplemental Images

