

# GFM0412SS-08 Delta 12VDC 40x40x56mm 33000RPM Dual Fan Datasheet



**Brand:** Delta

**SKU:** [1000732367048](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$20.99**

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Product Page:

<https://www.equipspares.com/product/gfm0412ss-08-delta-12vdc-40x40x56mm-33000rpm-dual-fan>

## Product Description

The Delta GFM0412SS-08 is a specialized counter-rotating axial fan designed for extreme performance applications requiring immense static pressure and airflow density. Engineered with a dual-motor configuration within a 40x40x56mm frame, this unit leverages advanced DC brushless technology to achieve a staggering rotational speed of 33000 RPM. The fan features a robust thermoplastic housing and precision Dual Ball Bearing architecture, ensuring exceptional structural rigidity and thermal impedance management under heavy loads. Its counter-rotating blade design minimizes turbulence while maximizing pressure generation, making it a critical component for high-impedance systems where standard single-stage fans fail to deliver adequate cooling or air movement.

Model Number: GFM0412SS-08

Brand: Delta Electronics

Product Type: DC Axial Fan (Counter-Rotating)

Rated Voltage: 12 VDC

Operating Voltage Range: 10.8 - 13.2 VDC

Rated Current: 4.50 A

Input Power: 54.0 W

Rated Speed: 33000 RPM

Bearing Type: Dual Ball Bearing

Dimensions: 40 x 40 x 56 mm

Air Flow: High Capacity Booster Configuration

Static Pressure: High Static Pressure Optimization

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP Rating Compatible

Termination: Lead Wires with Connector

Mounting Orientation: Any

Operating Temperature: -10 to +70 Degrees Celsius

Life Expectancy: 70000 Hours at 40 Degrees Celsius

The GFM0412SS-08 is primarily utilized in specialized agricultural equipment, such as the XAG agricultural drone spreaders, where high-velocity air is required to disperse granules effectively. Beyond agricultural robotics, the GFM0412SS-08 is also deployed in high-density 1U server racks, telecommunications base stations, and compact industrial machinery that demands redundant, high-pressure airflow to overcome significant system resistance.

## Supplemental Images

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