

# GFC0812EW-00 Delta 12VDC 80x80x80mm Counter-Rotating Axial Fan Datasheet



**Brand:** Delta

**SKU:** 973740962796

**Category:** Axial & Centrifugal Fans

**Price:** \$18.99

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/gfc0812ew-00-delta-12vdc-80x80x80mm-counter-rotating-axial-fan>

## Product Description

The Delta GFC0812EW-00 is a high-performance Counter-Rotating Axial Fan designed for extreme cooling requirements in high-impedance systems. Engineered with a dual-motor configuration within a compact 80x80x80mm chassis, this unit utilizes advanced DC brushless motor technology to achieve exceptional static pressure and airflow density. The contra-rotating blade design minimizes turbulence and straightens airflow, significantly enhancing thermal impedance management in high-density server environments. Featuring precision ball bearings, the GFC0812EW-00 ensures structural rigidity and operational longevity under continuous high-speed loads, making it an optimal solution for critical industrial and telecommunications hardware.

Model Number: GFC0812EW-00

Brand: Delta

Product Type: Counter-Rotating Axial Fan

Rated Voltage: 12VDC

Safety Current: 12.00 A

Operating Current: 8.27 A (Max 9.92 A)

Power Consumption: 99.24 W

Rated Speed (Front): 13500 RPM  $\pm$ 10%

Rated Speed (Rear): 11000 RPM  $\pm$ 10%

Bearing Type: Ball Bearing

Max. Air Flow: 177 CFM (300.7 m<sup>3</sup>/h)

Max. Static Pressure: 114 mmH<sub>2</sub>O (1118 Pa / 4.49 inH<sub>2</sub>O)

Dimensions: 80x80x80mm

Weight: 450g

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Motor Type: DC Brushless

Termination: Lead Wires

Application: Server/Telecom/Automotive

This high-static pressure cooling solution is specifically engineered for mission-critical applications requiring substantial airflow against high system resistance. The GFC0812EW-00 is widely deployed in enterprise-grade server racks, telecommunications base stations (such as Huawei equipment), and high-performance computing clusters where thermal density is a primary concern. Additionally, the robust design of the GFC0812EW-00 makes it suitable for automotive supercharger cooling systems and industrial ventilation setups, ensuring reliable heat dissipation for sensitive electronic components under demanding operational conditions.

## Supplemental Images

---

