

# G1G097-AA01-12 ebmpapst 24VDC 97mm Centrifugal Blower Datasheet



**Brand:** ebmpapst

**SKU:** 907548881383

**Category:** Axial & Centrifugal Fans

**Price:** **\$85.99**

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Product Page:

<https://www.equipspares.com/product/g1g097-aa01-12-ebmpapst-24vdc-97mm-centrifugal-blower>

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## Product Description

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The ebmpapst G1G097-AA01-12 is a precision-engineered Centrifugal Blower designed for critical thermal management in industrial machinery. Utilizing advanced EC (Electronically Commutated) motor technology, this unit offers superior energy efficiency and reduced thermal impedance compared to standard AC counterparts. The aerodynamic scroll housing optimizes airflow delivery, ensuring high static pressure capabilities essential for overcoming system resistance in dense electronic enclosures. Constructed with high-grade materials for structural rigidity, the G1G097-AA01-12 ensures reliable operation under continuous duty cycles. Its integrated electronics provide precise speed control, maintaining optimal operating temperatures within complex equipment like Heidelberg printing presses, ensuring longevity and operational stability.

Model Number: G1G097-AA01-12

Brand: ebmpapst

Product Type: EC Centrifugal Blower

OEM Part Number: C2.115.1411/02

Rated Voltage: 24VDC

Voltage Range: 22.0 - 26.0 VDC

Power Consumption: 15 W

Rated Current: 0.7 A

Rated Speed: 2900 RPM

Bearing Type: Ball Bearing  
Max. Air Flow: 61.8 CFM (105 m<sup>3</sup>/h)  
Max. Static Pressure: 9.81 mmH<sub>2</sub>O (96 Pa)  
Impeller Diameter: 97 mm  
Housing Material: Die-cast Aluminum / Plastic UL94V-0  
Impeller Material: Galvanized Sheet Steel  
Motor Technology: EC External Rotor  
Ingress Protection: IP20  
Insulation Class: B  
Operating Temperature: -25°C to +60°C  
Life Expectancy: 40,000 Hours (L10 at 40°C)  
Termination: Lead Wires  
Weight: 0.9 kg  
Certifications: CE, UL, CSA  
Direction of Rotation: Clockwise (viewed toward rotor)

This centrifugal blower is specifically engineered for integration into high-performance industrial machinery, serving as a critical component in Heidelberg printing presses, specifically the CD102 series. The G1G097-AA01-12 provides targeted cooling to electronic control units and drive systems where space is constrained and high static pressure is required. Beyond printing applications, the G1G097-AA01-12 is suitable for use in medical instrumentation, telecommunications cabinets, and automated manufacturing equipment requiring reliable thermal regulation.

## Supplemental Images

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