

# G2E120-DD70-22 ebm-papst 230VAC 120mm Centrifugal Blower Datasheet



**Brand:** ebmpapst

**SKU:** [1003818293852](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$822.99**

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

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

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Product Page:

<https://www.equipspares.com/product/g2e120-dd70-22-ebm-papst-230vac-120mm-centrifugal-blower>

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## Product Description

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The ebm-papst G2E120-DD70-22 is a high-performance single-inlet centrifugal blower designed for critical industrial air movement applications. Engineered with a robust external rotor AC motor, this unit offers superior aerodynamic efficiency and structural rigidity thanks to its precision die-cast aluminum housing. The forward-curved impeller design optimizes airflow while minimizing acoustic noise and turbulence, ensuring stable operation under significant static pressure. Featuring advanced thermal impedance management and a maintenance-free ball bearing architecture, the G2E120-DD70-22 delivers exceptional reliability and longevity. This blower is specifically calibrated for continuous duty cycles, making it an ideal solution for systems requiring consistent thermal dissipation and high-density air handling.

Model Number: G2E120-DD70-22

Brand: ebm-papst

Product Type: Centrifugal Blower (Single Inlet)

Rated Voltage: 230 VAC

Frequency: 50 Hz

Rated Current: 0.28 A

Power Input: 62 W

Rated Speed: 2350 RPM

Impeller Diameter: 120 mm

Max. Air Flow: 153 CFM (260 m<sup>3</sup>/h)

Max. Static Pressure: 1.12 inH<sub>2</sub>O (280 Pa)

Bearing Type: Ball Bearing

Motor Type: External Rotor AC Motor (M2E068-BF)

Capacitor Requirement: 2.0 µF / 400 VDB

Housing Material: Die-cast aluminum

Impeller Material: Sheet steel, hot-dip galvanized

Insulation Class: B

Motor Protection: Thermal Overload Protector (TOP) wired internally

Operating Temperature: -25°C to +50°C

Mounting Orientation: Any

Direction of Rotation: Clockwise, seen on rotor

Termination: Lead wires

Weight: 2.2 kg

Compliance: CE, CCC

The G2E120-DD70-22 is widely deployed in industrial automation and electronic cooling sectors where space constraints and high pressure requirements coexist. Typical installations include control cabinet ventilation, server rack cooling systems, and heat dissipation for variable frequency drives. The G2E120-DD70-22 is also essential in medical devices and laboratory equipment, such as centrifuges and incubators, providing precise airflow control. Its rugged construction ensures durability in harsh manufacturing environments, effectively preventing thermal shutdowns in critical machinery and telecommunications infrastructure.

## Supplemental Images

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