

# R3G355-AM14-61 ebmpapst 200-277VAC 355mm Centrifugal Fan Datasheet



**Brand:** ebmpapst

**SKU:** [988719741943](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$690.99**

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Product Page:

<https://www.equipspares.com/product/r3g355-am14-61-ebmpapst-200-277vac-355mm-centrifugal-fan>

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## Product Description

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The ebmpapst R3G355-AM14-61 is a precision-engineered EC centrifugal fan designed for high-efficiency thermal management in demanding industrial applications. Utilizing advanced GreenTech EC motor technology, this unit offers superior aerodynamic performance with a backward-curved impeller design that minimizes turbulence and acoustic noise while maximizing static pressure capabilities. The robust construction ensures structural rigidity under high-speed operation, while the integrated electronics provide seamless speed control and monitoring. Optimized for low thermal impedance, the R3G355-AM14-61 delivers consistent airflow, maintaining operational stability across a wide voltage range of 200-277VAC. Its maintenance-free ball bearing system extends service life, making it a reliable solution for critical cooling applications requiring continuous duty cycles and precise air movement.

Model Number: R3G355-AM14-61

Brand: ebmpapst

Product Type: EC Centrifugal Fan (Backward Curved)

Rated Voltage: 230 VAC

Voltage Range: 200 - 277 VAC

Frequency: 50/60 Hz

Power Input: 350 W

Power Output: 280 W

Rated Current: 1.55 A  
Rated Speed: 1900 RPM  
Max. Air Flow: 1665 CFM (2830 m<sup>3</sup>/h)  
Max. Static Pressure: 2.41 inH<sub>2</sub>O (600 Pa)  
Impeller Diameter: 355 mm  
Bearing Type: Maintenance-free Ball Bearings  
Motor Type: M3G074-CF (EC Motor)  
Number of Blades: 6  
Impeller Material: PA Plastic (Glass-fiber reinforced)  
Housing Material: Galvanized Sheet Steel  
Insulation Class: B  
Ingress Protection: IP54  
Operating Temperature: -25°C to +60°C  
Mounting Orientation: Any  
Direction of Rotation: Clockwise (viewed toward rotor)  
Speed Control: 0-10 VDC / PWM  
Motor Protection: Thermal Overload Protector (TOP) wired internally  
Weight: 5.0 kg  
Certifications: CE, UL, CSA, VDE

This high-performance air movement solution is engineered for complex ventilation systems, including precision air conditioning units, clean room technology, and IT server cooling arrays. The R3G355-AM14-61 excels in applications requiring variable speed control to match thermal loads dynamically, such as in variable air volume (VAV) systems and heat exchangers. Additionally, the R3G355-AM14-61 is frequently utilized in industrial exhaust systems and electronic cabinet cooling where compact dimensions and high static pressure capabilities are paramount for overcoming system resistance.

## Supplemental Images

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