

# A3G800-AV01-01 ebm-papst 380-480VAC 800mm Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** [992169054818](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$4,071.99**

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Product Page:

<https://www.equipspares.com/product/a3g800-av01-01-ebm-papst-380-480vac-800mm-axial-fan>

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## Product Description

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The ebm-papst A3G800-AV01-01 is a Axial Fan engineered for high-capacity industrial ventilation and thermal management. Utilizing advanced EC motor technology, this unit provides superior energy efficiency and precise speed control compared to traditional AC alternatives. The integrated electronics minimize thermal impedance while the robust ball bearing architecture ensures long-term operational stability under continuous duty cycles. Its aerodynamic blade profile is optimized for high volumetric flow rates with minimal acoustic impact. The structural rigidity of the housing and impeller assembly allows for reliable performance in environments with high mechanical stress, ensuring the A3G800-AV01-01 maintains peak efficiency throughout its service life.

Model Number: A3G800-AV01-01

Brand: ebm-papst

Product Type: Axial Fan

Rated Voltage: 380-480VAC

Voltage Range: 380.0 - 480.0 VAC

Phase: 3~

Frequency: 50/60Hz

Rated Current: 4.5A

Power: 2980W

Rated Speed: 1090RPM

Bearing Type: Ball Bearings

Max. Static Pressure: 260Pa (26.51 mmH<sub>2</sub>O / 1.04 inH<sub>2</sub>O)

Dimensions: 800mm

Ingress Protection: IP55

Insulation Class: F

Motor Type: EC Motor

Operating Mode: S1

Number of Blades: 5

Direction of Rotation: Clockwise

Technical Features: Control input 0-10VDC / PWM, Output 10VDC, RS485 MODBUS-RTU, Integrated PID controller

Operating Temperature: -25 to +60 C

Storage Temperature: -40 to +80 C

Certifications: CE, UL, CSA, VDE

The A3G800-AV01-01 is primarily deployed in large-scale HVAC systems, industrial cooling towers, and data center precision cooling units. Its robust construction makes the A3G800-AV01-01 ideal for agricultural ventilation and heat exchangers where high airflow and environmental resistance are critical.

## Supplemental Images

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