

A3G800-AV05-71 ebm-papst 380-480VAC 800mm Axial Fan Datasheet



Brand: ebmpapst

SKU: [799283533710](#)

Category: Axial & Centrifugal Fans

Price: **\$4,714.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/a3g800-av05-71-ebm-papst-380-480vac-800mm-axial-fan>

Product Description

The ebm-papst A3G800-AV05-71 is a Axial Fan engineered for high-capacity industrial ventilation and thermal management. This unit incorporates advanced EC motor technology, which significantly reduces power consumption while providing precise speed control capabilities. The internal bearing architecture is designed to minimize friction and extend service life under continuous operation. Aerodynamically optimized blades ensure high structural rigidity and reduced turbulence, effectively lowering the thermal impedance of the system. Its three-phase electronics are housed in a rugged enclosure, providing excellent resistance to environmental stressors. This fan is a critical component for systems requiring reliable, high-volume airflow and efficient pressure development.

Model Number: A3G800-AV05-71

Brand: ebm-papst

Product Type: Axial Fan

Rated Voltage: 400VAC

Voltage Range: 380.0 - 480.0VAC

Rated Current: 4.5A

Power: 2980W

Rated Speed: 1090rpm

Bearing Type: Ball Bearing

Max. Air Flow: 14714CFM (25000m³/h / 416.6m³/min)

Max. Static Pressure: 26.51mmH₂O (260Pa / 1.04inH₂O)

Dimensions: 800mm

Weight: 33.5kg

Life Expectancy: 70000h

Speed Control: PWM / 0-10V

Ingress Protection: IP55

Insulation Class: F

Noise Level: 78dB(A)

Housing Material: Die-cast aluminum

Blade Material: PP plastic

Termination: Terminal box

Operating Temperature: -25C to +60C

Storage Temperature: -40C to +80C

Mounting Orientation: Any

Certifications: CE, VDE, UL, CSA

Protection Features: Locked rotor protection, Soft start, Over-temperature protection

The A3G800-AV05-71 is primarily utilized in large-scale industrial cooling systems and commercial HVAC installations. Engineers integrate the A3G800-AV05-71 into condenser units and heat exchangers to maintain optimal operating temperatures in demanding environments. Its robust design makes it suitable for agricultural ventilation, data center cooling, and cleanroom air handling systems where consistent performance is mandatory.

Supplemental Images

