

# A2D210-AA02-11 ebm-papst 400VAC 210mm Metal Impeller Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** [927027439598](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$730.99**

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Product Page:

<https://www.equipspares.com/product/a2d210-aa02-11-ebm-papst-400vac-210mm-metal-impeller-axial-fan>

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## Product Description

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The ebm-papst A2D210-AA02-11 is a high-efficiency AC Axial Fan designed for rigorous industrial thermal management applications. Featuring an external rotor motor configuration, this unit drives a precision-balanced 5-blade metal impeller, optimizing aerodynamic throughput while maintaining structural rigidity. The motor is supported by maintenance-free ball bearings, which significantly reduce thermal impedance and extend operational lifespan under continuous load. Engineered for durability, the fan operates effectively within harsh environments, delivering consistent static pressure and airflow. Its robust construction ensures minimal vibration and reliable performance in critical cooling systems requiring stable heat dissipation.

Model Number: A2D210-AA02-11

Brand: ebm-papst

Product Type: AC Axial Fan

Rated Voltage: 400VAC

Phase: 3-Phase

Frequency: 50/60 Hz

Power Input: 80 W

Rated Speed: 2700 RPM

Impeller Diameter: 210mm

Bearing Type: Ball Bearing

Max. Air Flow: 1000 m<sup>3</sup>/h (588 CFM)

Material: Sheet Steel (Coated Black)

Number of Blades: 5

Direction of Rotation: Counter-clockwise (seen on rotor)

Insulation Class: F

Motor Protection: Thermal Overload Protector (TOP)

Ingress Protection: IP44

Operating Temperature: -25°C to +70°C

Mounting Orientation: Any

Weight: 2.0 kg

Termination: Lead Wires

Compliance: CE, CCC

The A2D210-AA02-11 is widely utilized in industrial automation and power electronics sectors where consistent cooling is mandatory. Typical installations include ventilation for large control cabinets, cooling systems for welding equipment, and thermal regulation in power inverters. The A2D210-AA02-11 is also frequently deployed in commercial refrigeration condensers and transformer cooling arrays, ensuring critical components operate within safe thermal limits to prevent downtime.

## Supplemental Images

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