

A4E400-AP02-14 ebmpapst 230V AC Axial Fan

SKU: A4E400-AP02-14

Price: \$231.42

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/a4e400-ap02-14-ebmpapst-230v-ac-axial-fan/>

Product Description

The ebmpapst A4E400-AP02-14 is a high-performance AC Axial Fan with a blade diameter of 400 mm. It operates on a rated voltage of 230 VAC across dual frequencies, delivering a high airflow of 4065 m³/h (2395 CFM) at 50 Hz (1430 min⁻¹) with 160 W power, and increasing to 4790 m³/h (2820 CFM) at 60 Hz (1700 min⁻¹) with 240 W power. The fan features an M4E074-EI outer rotor motor, sheet steel blades, a robust Ball Bearing system, and IP44 protection, making it engineered for continuous, high-volume air movement in demanding applications.

A4E400-AP02-14 Fan Parameters

Model: A4E400-AP02-14

Manufacturer: ebmpapst

Type: Outer Rotor AC Axial Fan (Sickled Blades - S Series)

Dimensions: 400 x 117.8 mm (Blade Diameter x Depth)

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Speed: 1430 / 1700 min⁻¹

Airflow: 4065 / 4790 m³/h (2395 / 2820 CFM)

Static Pressure: 150 / 75 Pa (0.60 / 0.30 inAq)

Rated Current: 0.73 / 1.06 A

Rated Input Power: 160 / 240 W

Starting Current: 2.0 / 1.9 A

Motor Type: M4E074-EI

Protection Class: I (with PE connection)

Degree of Protection: IP44

Insulation Class: B

Bearing Type: Ball bearing

Weight: 4.2 kg

Termination: Cable (4G 0.5 mm²)

Motor Protection: Thermal Overload Protector (TOP) internally connected

Operating Temperature: -25 ~ 40 °C

Material Blade: Sheet steel, painted black

Application

The A4E400-AP02-14 is specifically engineered for large-scale, low-pressure ventilation and cooling tasks across a range of industrial and commercial systems. Key application fields include refrigeration and cooling systems, such as condensers and evaporators, heat pumps, air conditioning units, and general ventilation systems in large buildings where the fan's high air volume and sickle-shaped blades efficiently move air through ducted or free-air setups.

Product Images







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