



## **A6E630-AN01-01 ebmpapst**

Brand: ebmpapst

SKU: A6E630-AN01-01

Category: AC Fans

URL: <https://www.fansco.com/item/a6e630-an01-01-ebmpapst/>

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## Product Description

A6E630-AN01-01 ebmpapst 630x210mm 230VAC 600W 2.62A 6725m³/h  
865RPM 70dB(A) IP54 Terminal Box AC axial fan

The A6E630-AN01-01 AC axial fan by ebm-papst is a specialized ventilation product with distinct features. It belongs to the HyBlade® sickled blades S series and has specific electrical specifications. Operating on 230 VAC, 50 Hz single - phase power, it has a 600 W power input and 2.62 A current draw. The motor, M6E110 - GF, is equipped with a 14 µF capacitor and a thermal overload protector for safety. Structurally, it weighs 10 kg, has a 630 - mm size, 5 PP - plastic - sprayed sheet - steel blades, and a black - coated rotor. It has an IP 54 protection rating, an "F" insulation class, and can operate in a wide temperature range from - 40 °C to 55 °C ambient temperature.

In terms of performance, this fan offers excellent air - handling capabilities. With a maximum back pressure of 100 Pa, at its optimum efficiency point, it can achieve an air flow of 6725 m³/h with a pressure increase of 98 Pa at 865 min<sup>-1</sup>. Its air performance is measured according to ISO 5801 in installation category A. Noise levels are also well - controlled, with different sound pressure and power levels measured at the inlet and outlet sides under specific conditions.

Furthermore, the A6E630-AN01-01 is highly compliant with international standards. It conforms to EN 61800 - 5 - 1 and has CE approval, along with additional certifications like GOST, VDE, and CCC. These approvals ensure its safety, quality, and suitability for use in diverse markets and applications, making it a reliable choice for various ventilation needs.

## Technical Specifications

| Attribute      | Value          |
|----------------|----------------|
| Model Number   | A6E630-AN01-01 |
| Manufacturer   | ebm-papst      |
| Fan Type       | AC             |
| Bearing Type   | Ball Bearing   |
| Dimensions     | 630x210 mm     |
| Voltage Rating | 230 VAC        |
| Power Rating   | 600 W          |

|                |                        |
|----------------|------------------------|
| Current Rating | 2.62 A                 |
| Fan Speed      | 865 RPM                |
| Noise Level    | 70 dB(A)               |
| Termination    | Terminal Box           |
| Category       | Axial                  |
| IP Rating      | IP54                   |
| Series         | A6E630                 |
| RoHS Status    | ROHS3 Compliant        |
| Air Flow CMH   | 6725 m <sup>3</sup> /h |

