

# S8D630-AN01-01 ebmpapst 400-480V AC axial fan

**SKU:** S8D630-AN01-01

**Price:** \$481.07

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/s8d630-an01-01-ebmpapst-400-480v-ac-axial-fan/>

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## Product Description

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The ebmpapst S8D630-AN01-01 is an AC Axial Fan with a 630mm blade diameter. Operating on 400/480 VAC 3-phase at 50/60 Hz, this fan has two typical operating points. At 400V/50Hz, it consumes 330 W and draws 0.83 A, achieving 660 RPM with a powerful airflow of 8360 m<sup>3</sup>/h. Its noise level is approximately 63 dB(A). It features a robust ball bearing system for durability and boasts an IP54 ingress protection rating. The fan is constructed with a steel guard grille and sickled blades made of press-fitted sheet steel coated with PP plastic, mounted in a short nozzle. It is designed for various industrial and commercial ventilation applications, including condensers, evaporators, heat pumps, and other large-scale cooling and air conditioning systems.

S8D630-AN01-01 Fan Parameters

Model: S8D630-AN01-01

Manufacturer: ebmpapst

Type: AC Axial Fan

Dimensions: 630 mm blade diameter

Rated Voltage: 400/480 VAC

Frequency: 50/60 Hz

Rated Current: 0.83 A / 0.39 A at 400V, 0.94 A / 0.45 A at 480V

Power Consumption: 330 W / 190 W at 400V, 490 W / 270 W at 480V

Speed: 660 RPM / 520 RPM at 400V, 780 RPM / 560 RPM at 480V

Airflow: 8360 m<sup>3</sup>/h

Static Pressure: 60 Pa / 36 Pa at 400V

Noise Level: 63 dB(A)

Bearing Type: Ball Bearing

Termination: Via terminal box

Protection Level: IP54

Insulation Class: F

Operating Temperature: -40 to 65°C

Storage Temperature: -40 to 80°C

Weight: 14.1 kg

Motor: M8D110-GF

Number of Blades: 5

Direction of Rotation: Clockwise, viewed toward rotor

Rotor Surface: Coated in black

Terminal Box Material: PP plastic

Blades Material: Press-fitted sheet steel blank, sprayed with PP plastic

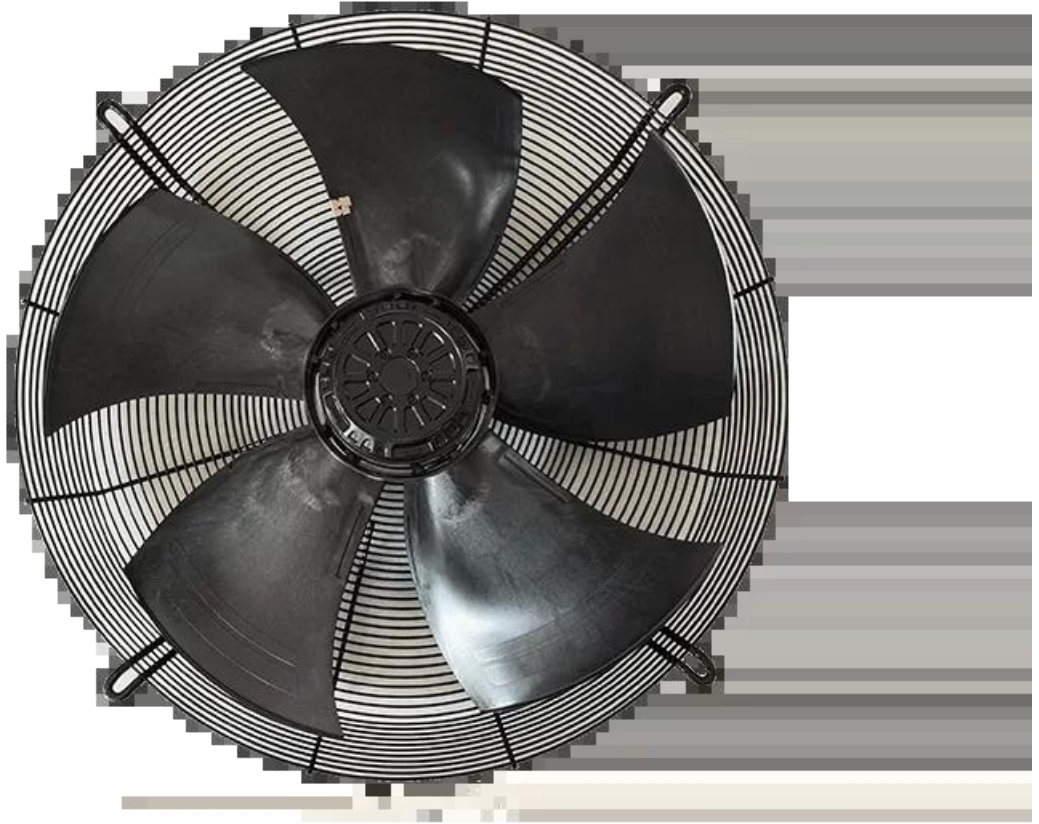
Guard Grille Material: Steel, coated in black plastic

Motor Protection: Thermal overload protector TOP brought out

Application: Air conditioning units, heat pumps, chillers, condensers, evaporators, industrial cooling.

## **Product Images**

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Scan for product details:

