

# D2E160-AH02-15 ebmpapst 230VAC 550W Centrifugal Blower Datasheet



**Brand:** ebmpapst

**SKU:** 794280390160

**Category:** Axial & Centrifugal Fans

**Price:** **\$964.99**

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Product Page:

<https://www.equipspares.com/product/d2e160-ah02-15-ebmpapst-230vac-550w-centrifugal-blower>

## Product Description

ebmpapst D2E160-AH02-15 is a dual-inlet centrifugal blower featuring a 160 mm diameter impeller, 230 VAC nominal voltage, and 550 W power input. The unit is constructed with a hot-galvanized sheet steel housing and impeller, utilizing a maintenance-free ball bearing system designed for horizontal shaft mounting. It incorporates a 4-pole M2E074-LA motor with an integrated thermal overload protector wired internally. The forward-curved blades are designed for high-pressure stability and optimized airflow performance within a compact scroll housing.

### D2E160-AH02-15 Specifications

Model: D2E160-AH02-15

Brand: ebmpapst

Motor: M2E074-LA

Phase: 1 ~

Nominal Voltage: 230 VAC

Frequency: 50 / 60 Hz

Speed: 2500 / 2400 RPM

Power Consumption: 550 / 730 W

Current Draw: 2.45 / 3.2 A

Motor Capacitor: 12  $\mu$ F

Capacitor Voltage: 400 VDB

Min. Back Pressure: 400 Pa

Max. Ambient Temperature: 90 °C

Min. Ambient Temperature: -25 °C

Airflow: 1200 m<sup>3</sup>/h

Impeller Diameter: 160 mm

Mass: 9.7 kg

Housing Material: Hot-galvanized sheet steel

Impeller Material: Hot-galvanized sheet steel

Rotor Surface: Coated in black

Direction of Rotation: Counter-clockwise

Type of Protection: IP 00

Insulation Class: F

Motor Bearing: Ball bearing

Motor Protection: Thermal overload protector (TOP) wired internally

Mounting Position: Shaft horizontal

Mode: S1

#### D2E160-AH02-15 Applications

Primary applications include integration into ABB ACS800 and ACS880 series frequency converter cooling systems, industrial HVAC air handling units, and cleanroom ventilation modules. Deployed within high-power electrical cabinets and telecommunications cooling racks to ensure thermal regulation of power electronics.

## Supplemental Images

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