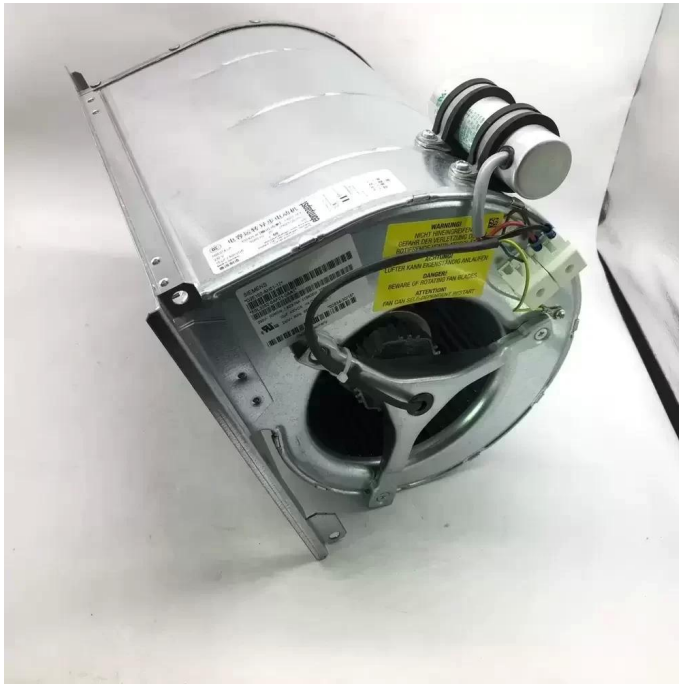


# D2E160-AH01-17 Siemens 230VAC 160mm Centrifugal Fan Datasheet



**Brand:** Siemens

**SKU:** [901233761004](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$2,485.99**

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Product Page:

<https://www.equipspares.com/product/d2e160-ah01-17-siemens-230vac-160mm-centrifugal-fan>

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## Product Description

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The Siemens D2E160-AH01-17 is a robust double-inlet centrifugal blower designed for high-demand thermal management within 110kW variable frequency drives and industrial power systems. Utilizing an external rotor AC motor architecture, this unit optimizes airflow efficiency while maintaining a compact footprint essential for dense industrial cabinetry. The aerodynamic curvature of the forward-curved impeller blades ensures superior static pressure generation, effectively overcoming the high thermal impedance found in power electronics heat sinks. Constructed with durable galvanized steel and precision ball bearings, the fan delivers sustained operational reliability and structural rigidity under continuous load conditions, making it a critical component for maintaining optimal operating temperatures in Siemens automation systems.

Model Number: D2E160-AH01-17

Brand: Siemens (OEM ebm-papst)

Product Type: Double Inlet Centrifugal Blower

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Phase: 1~

Rated Current: 1.01 A

Power Consumption: 230 W

Rated Speed: 2000 RPM

Max. Air Flow: 647 CFM (1100 m<sup>3</sup>/h)  
Max. Static Pressure: 1.60 inH<sub>2</sub>O (400 Pa)  
Impeller Diameter: 160 mm  
Motor Type: M2E068-EC  
Bearing Type: Ball Bearing  
Capacitor: 6 µF / 400 VDB  
Housing Material: Galvanized Sheet Steel  
Impeller Material: Sheet Steel, Hot-Galvanized  
Insulation Class: Class B  
Ingress Protection: IP44  
Mounting Orientation: Any  
Termination: Terminal Block / Lead Wires  
Operating Temperature: -25°C to +60°C  
Weight: 4.5 kg  
Life Expectancy: > 40,000 Hours @ 40°C  
Compliance: CE, UL, CSA  
Application: Siemens 110kW Inverter Cooling

The D2E160-AH01-17 is specifically engineered for thermal regulation within heavy-duty industrial power conversion systems, most notably serving as the primary cooling solution for Siemens 110kW frequency inverters. By forcing air through dense heat sink arrays, the D2E160-AH01-17 prevents thermal throttling in automated manufacturing lines, CNC machining centers, and large-scale HVAC drive cabinets. Its robust design also suits general ventilation in control panels and telecommunications infrastructure where reliable back-pressure performance is required.

## Supplemental Images

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