

# K2E190-AB77-09 Siemens 230VAC 190mm Centrifugal Fan Datasheet



**Brand:** Siemens

**SKU:** [771130824496](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$814.99**

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Product Page:

<https://www.equipspares.com/product/k2e190-ab77-09-siemens-230vac-190mm-centrifugal-fan>

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## Product Description

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The Siemens K2E190-AB77-09 is a precision-engineered centrifugal fan module designed for high-demand industrial cooling applications. Utilizing an advanced AC external rotor motor architecture, this unit delivers superior aerodynamic performance through its backward-curved impeller design, optimizing airflow while minimizing acoustic resonance. The construction features high-grade composite materials ensuring structural rigidity and long-term durability under continuous operation. Engineered with low thermal impedance characteristics and robust ball bearing systems, the K2E190-AB77-09 maintains operational stability in fluctuating thermal environments, making it an essential component for critical thermal management systems requiring consistent static pressure and volumetric flow.

Model Number: K2E190-AB77-09

OEM Part Number: 6SY7000-0AB28

Brand: Siemens (ebm-papst)

Product Type: Centrifugal Fan / Motorized Impeller

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Power: 75 W

Rated Current: 0.34 A

Rated Speed: 2350 RPM

Max. Air Flow: 335.5 CFM (570 m<sup>3</sup>/h)  
Max. Static Pressure: 1.89 inH<sub>2</sub>O (470 Pa)  
Impeller Diameter: 190 mm  
Bearing Type: Ball Bearing  
Motor Type: M2E068-BF AC External Rotor  
Capacitor: 2 µF / 400 VDB  
Noise Level: 62 dB(A)  
Impeller Material: PA Plastic (Glass-fiber reinforced)  
Housing Material: Die-cast Aluminum Rotor  
Ingress Protection: IP44  
Insulation Class: B  
Operating Temperature: -25°C to +60°C  
Weight: 1.3 kg  
Termination: Lead Wires  
Direction of Rotation: Clockwise (viewed toward rotor)  
Mounting Orientation: Any  
Certifications: CE, CCC, UL

This centrifugal cooling module is specifically calibrated for integration into high-power industrial electronics, including variable frequency drives and large-scale power inverters. The K2E190-AB77-09 is frequently deployed within Siemens drive systems, such as the Simovert Masterdrives and Sinamics series, to dissipate heat generated by IGBT modules and rectifier bridges. Additionally, the K2E190-AB77-09 serves as a critical thermal solution in server cabinet ventilation, CNC control panels, and telecommunications infrastructure where compact, high-pressure airflow is required to maintain component reliability.

## Supplemental Images

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