

R2E225-RA92-10 ebmpapst 230VAC 225mm Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: [1000459119310](#)

Category: Axial & Centrifugal Fans

Price: **\$314.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/r2e225-ra92-10-ebmpapst-230vac-225mm-centrifugal-fan>

Product Description

The ebmpapst R2E225-RA92-10 is a high-efficiency Centrifugal Fan designed for demanding industrial thermal management applications. Featuring an advanced AC external rotor motor integrated directly into the impeller, this unit optimizes aerodynamic performance while minimizing structural footprint. The backward-curved blade geometry ensures superior pressure development and reduced turbulence, contributing to a lower noise profile and enhanced airflow stability. Constructed with precision-engineered ball bearings, the R2E225-RA92-10 offers exceptional longevity and reliability under continuous operation. Its robust design maintains structural rigidity even at high rotational speeds, effectively managing thermal impedance in restricted enclosures.

Model Number: R2E225-RA92-10

Brand: ebmpapst

Product Type: Backward Curved Centrifugal Fan / Motorized Impeller

Rated Voltage: 230VAC

Frequency: 50 / 60 Hz

Rated Current: 0.95 A

Power Input: 225 W

Rated Speed: 2500 RPM

Bearing Type: Ball Bearing

Impeller Diameter: 225 mm

Max. Air Flow: 765.1 CFM (1300 m³/h / 21.6 m³/min)
Max. Static Pressure: 2.41 inH₂O (600 Pa / 61.2 mmH₂O)
Motor Type: AC External Rotor Motor
Capacitor: Required (External)
Impeller Material: PA Plastic / Sheet Steel
Mounting Orientation: Any
Operating Temperature: -25°C to +60°C
Insulation Class: Class F
Ingress Protection: IP44
Termination: Lead Wires
Weight: 2.8 kg
Compliance: CE, RoHS, UL

This backward-curved centrifugal fan is engineered for critical ventilation tasks within industrial automation and power electronics sectors. The R2E225-RA92-10 is frequently utilized in server cabinet cooling systems, high-density variable frequency drive (VFD) cooling, and large-scale air purification units where static pressure is paramount. Additionally, the R2E225-RA92-10 serves as a reliable component in heat exchangers and compact air handling units, ensuring consistent thermal regulation for sensitive electronic components.

Supplemental Images

