

R2E225-RA92-09 ebmpapst 230VAC 225mm IP44 Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: 1008072330514

Category: Axial & Centrifugal Fans

Price: \$279.99

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Product Page:

<https://www.equipspares.com/product/r2e225-ra92-09-ebmpapst-230vac-225mm-ip44-centrifugal-fan>

Product Description

The ebmpapst R2E225-RA92-09 is a precision-engineered backward curved centrifugal fan designed for demanding industrial thermal management applications. Featuring a robust AC external rotor motor, this unit delivers exceptional aerodynamic efficiency through its optimized impeller geometry, which significantly reduces turbulence and noise generation while maintaining high pressure development. The construction ensures high structural rigidity and superior thermal impedance management, making it suitable for continuous operation in harsh environments. With an IP44 ingress protection rating, the motor is shielded against solid objects and splashing water, ensuring longevity and reliability. The integrated ball bearing system further enhances operational stability and extends the service life under varying load conditions, making it a premier choice for critical cooling infrastructure.

Model Number: R2E225-RA92-09

Brand: ebmpapst

Product Type: Backward Curved Centrifugal Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.68 / 0.92 A

Power Input: 155 / 210 W

Rated Speed: 2500 / 2600 RPM

Impeller Diameter: 225 mm
Bearing Type: Ball Bearing
Ingress Protection: IP44
Motor Type: M2E068-DF AC External Rotor
Phase: Single Phase
Capacitor: Included
Termination: Lead Wires
Mounting Orientation: Any
Blade Material: PA Plastic / Metal Composite
Operating Temperature: -25 to +60 C
Insulation Class: Class B
Compliance: CE, RoHS
Condition: New, Original

The R2E225-RA92-09 is engineered for critical cooling applications requiring high static pressure and reliable airflow in compact spaces. Common deployment scenarios include industrial control cabinet cooling, variable frequency drive (VFD) ventilation, and heat exchange systems in automation machinery. The R2E225-RA92-09 is also frequently utilized in cleanroom filtration units, medical devices, and telecommunications infrastructure where consistent thermal regulation is paramount to prevent component failure. Its motorized impeller design allows for seamless integration into retrofits and new OEM designs alike.

Supplemental Images

