

# R2E225-RA92-23/L02 ebmpapst 230VAC 225mm Centrifugal Fan Datasheet



**Brand:** ebmpapst

**SKU:** 722227891793

**Category:** Axial & Centrifugal Fans

**Price:** **\$151.99**

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Product Page:

<https://www.equipspares.com/product/r2e225-ra92-23-l02-ebmpapst-230vac-225mm-centrifugal-fan>

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## Product Description

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The ebmpapst R2E225-RA92-23/L02 is a precision-engineered Backward Curved Centrifugal Fan designed for high-efficiency thermal management in demanding industrial environments. Utilizing an external rotor motor configuration (M2E068-DF), this unit integrates the impeller directly onto the rotor, optimizing structural rigidity and reducing overall depth for compact integration. The aerodynamic profile of the glass-fiber reinforced plastic blades minimizes turbulence and noise generation while maintaining high static pressure capabilities. Engineered with robust ball bearings and advanced thermal impedance characteristics, this fan ensures reliable continuous operation under significant load, making it suitable for critical ventilation systems requiring consistent airflow performance and longevity.

Model Number: R2E225-RA92-23/L02

Brand: ebmpapst

Product Type: Backward Curved Centrifugal Fan

Rated Voltage: 230 VAC

Frequency: 50 Hz

Rated Current: 0.68 A

Power Consumption: 155 W

Rated Speed: 2500 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 765 CFM (1300 m<sup>3</sup>/h)

Max. Static Pressure: 2.33 inH<sub>2</sub>O (580 Pa)

Impeller Diameter: 225mm

Weight: 2.3 kg

Motor Type: M2E068-DF

Capacitor: 3.5 μF / 400 VDB

Impeller Material: PA Plastic (Glass-fiber reinforced)

Housing Material: Die-cast aluminum

Insulation Class: Class F

Ingress Protection: IP44

Operating Temperature: -25°C to +60°C

Mounting Orientation: Any

Direction of Rotation: Clockwise, seen on rotor

Motor Protection: Thermal overload protector (TOP) wired internally

Approvals: CE, CCC

This high-performance air movement solution is frequently deployed in cabinet cooling, inline duct fans, and industrial ventilation systems. The R2E225-RA92-23/L02 excels in applications such as variable frequency drive (VFD) cooling and heat exchanger systems where space is limited but high pressure is required. Additionally, the R2E225-RA92-23/L02 is utilized in cleanroom filtration units and telecom base stations, ensuring critical components remain within optimal operating temperature ranges to prevent thermal shutdown.

## Supplemental Images

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