

R2D220-AB02-10 ebmpapst AC centrifugal fan

SKU: R2D220-AB02-10

Price: \$319.99

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r2d220-ab02-10-ebmpapst-ac-centrifugal-fan/>

Product Description

The ebmpapst R2D220-AB02-10 is a powerful AC centrifugal fan with a 220mm impeller diameter, engineered for efficient air movement in demanding industrial settings. Operating on a 3-phase 380V AC (50Hz) or 440V AC (60Hz) supply, it can achieve speeds of 2800 RPM (50Hz) or 3250 RPM (60Hz). This fan consumes 75 watts (50Hz) or 110 watts (60Hz), drawing a current of 0.18A to 0.20A. Constructed with a durable plastic (PA6, fiberglass-reinforced) impeller and reliable ball bearings, it's built for long service life. It features IP44 protection and is commonly used in industrial ventilation systems, central air conditioning units, and as a cooling fan for inverters and other high-power electronic components.

R2D220-AB02-10 Fan Parameters

Model Number: R2D220-AB02-10

Manufacturer: ebmpapst

Type: AC Centrifugal Fan (Backward-Curved Motorized Impeller)

Dimensions: Ø221.4mm x 72mm

Impeller Diameter: 220mm

Rated Voltage: 380 VAC (50Hz) / 440 VAC (60Hz), 3-phase

Frequency: 50 Hz / 60 Hz

Rated Current: 0.18A (50Hz) / 0.20A (60Hz)

Rated Power: 75 W (50Hz) / 110 W (60Hz)

Speed: 2800 RPM (50Hz) / 3250 RPM (60Hz)

Max. Airflow (free air): 915 m³/h (50Hz) / 1050 m³/h (60Hz)

Max. Static Pressure (at 0 flow): 340 Pa (50Hz) / 440 Pa (60Hz)

Noise Level (LpA at 1m): 70 dB(A) (50Hz) / 73 dB(A) (60Hz)

Bearing Type: Ball Bearing

IP Rating: IP44

Impeller Material: Plastic (PA6, fiberglass-reinforced)

Rotor Surface: Coated in black

Insulation Class: B

Weight: 2 kg

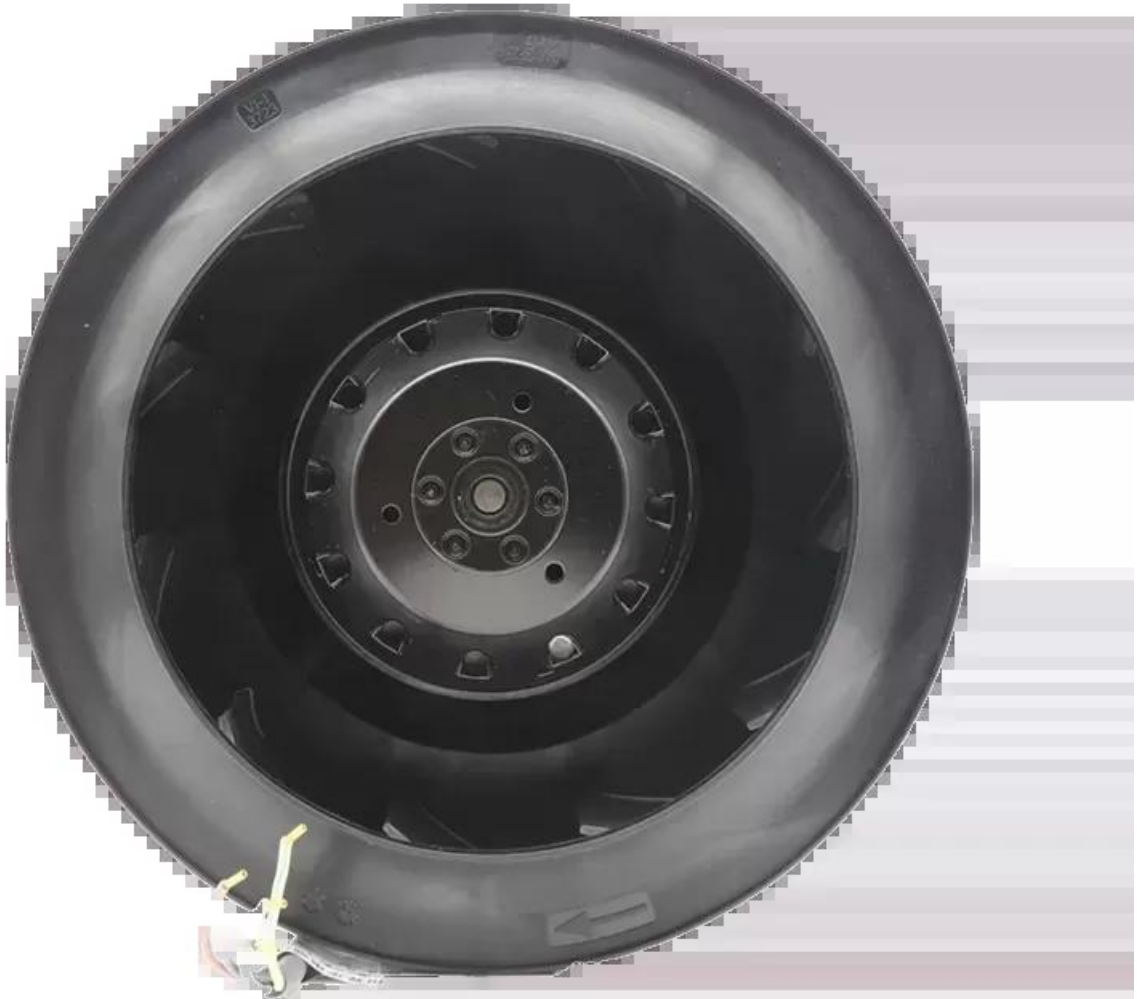
Connection: 4 wire leads (Y-connection for 380V/440V)

Operating Temperature: -25°C to +50°C

Features: Motorized Impeller design, Thermal protection for motor

Application: Industrial ventilation, central air conditioning units, cooling for inverters, machinery cooling, air handling units.

Product Images







Scan for product details:

