

R2D180-AL10-18 ebmpapst 400V AC centrifugal fan

SKU: R2D180-AL10-18

Price: \$400.69

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r2d180-al10-18-ebmpapst-400v-ac-centrifugal-fan/>

Product Description

The ebmpapst R2D180-AL10-18 is a powerful 400V AC centrifugal fan with backward-curved blades, designed for efficient air movement in systems requiring higher static pressure. With an impeller diameter of 180mm and a compact depth of 84.5mm, it features an external rotor motor. Operating at 400V AC with a 50Hz frequency, this fan consumes 105 watts of power, drawing 0.24 amps, and spins at 2650 RPM. It delivers a substantial airflow of 645 m³/h. Featuring durable ball bearings and a PA plastic impeller, and rated IP44 for protection, this fan is ideal for reliable cooling in control cabinets, air handling units, and general industrial ventilation systems where air needs to be moved against resistance.

R2D180-AL10-18 Fan Parameters

Model Number: R2D180-AL10-18

Manufacturer: ebmpapst

Type: AC Centrifugal Fan / Motorized Impeller (Backward-Curved, Single-Intake)

Dimensions: 180mm Diameter x 84.5mm Depth

Rated Voltage: 400 VAC

Frequency: 50 Hz

Rated Current: 0.24A

Rated Power: 105W

Speed: 2650 RPM

Airflow: 645 m³/h

IP Rating: IP44

Connector: Cables / Leads

Bearing Type: Ball Bearing

Impeller Material: PA plastic

Rotor Surface: Painted black

Operating Temperature: -25°C to +40°C

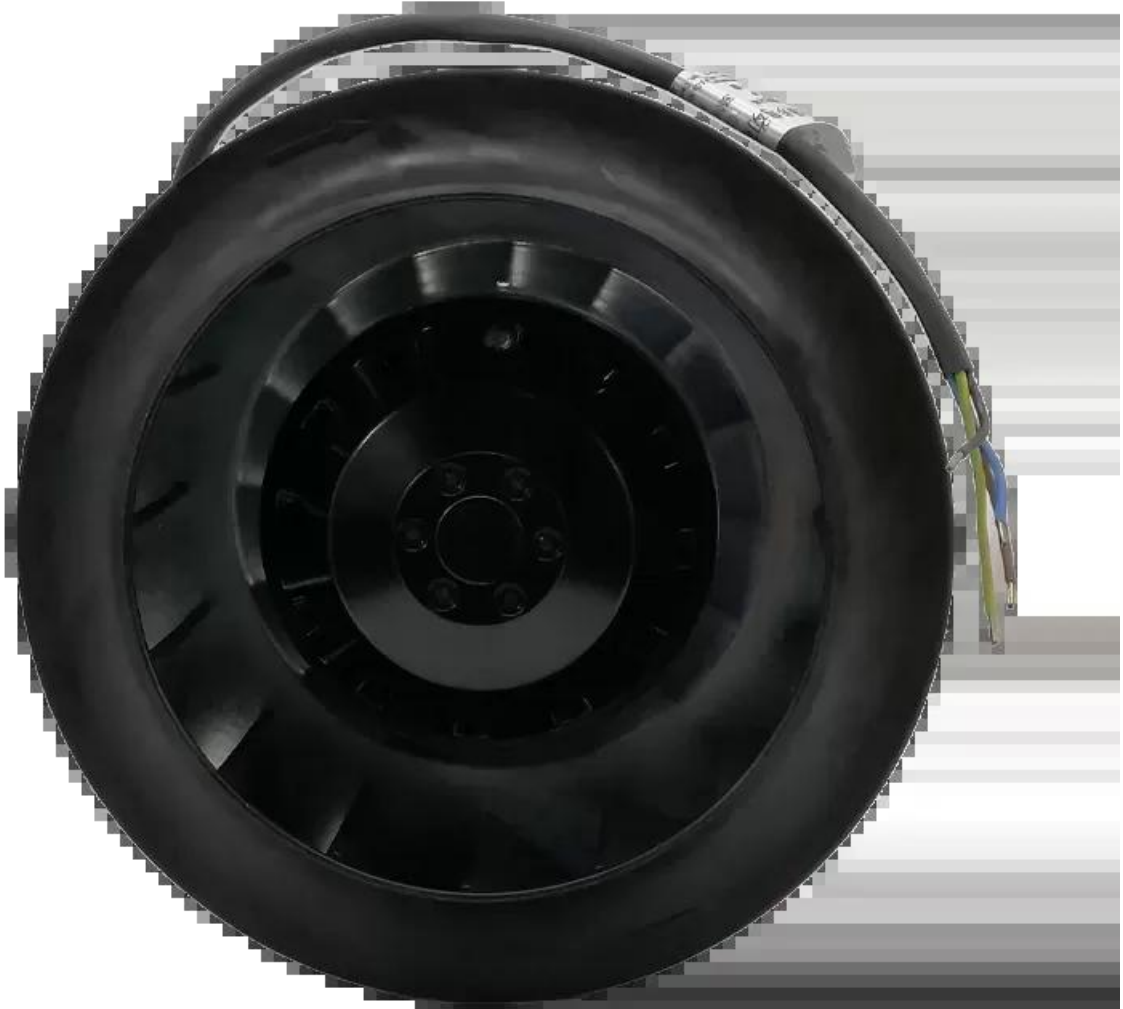
Weight: 1.8 kg

Features: External rotor motor, Motor with thermal overload protector

Approvals/Certifications: CE

Key Application: Control cabinets, Air handling units, Industrial ventilation, Cooling systems requiring higher pressure

Product Images







Scan for product details:

