



## **R4D500-FA03-01 ebmpapst**

Brand: ebmpapst

SKU: R4D500-FA03-01

Category: Centrifugal Fans

URL: <https://www.fansco.com/item/r4d500-fa03-01-ebmpapst/>

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## Product Description

The ebm-papst R4D500-FA03-01 is a high-performance backward-curved centrifugal fan equipped with the M4D138-HF motor, designed for industrial ventilation and HVAC applications. It operates at 230/400V AC with a current rating of 4.4/2.5A and a power consumption of 1270/1900W. The fan features a 500 mm aluminum impeller, delivers up to 2800 RPM, and maintains a low noise level of 43 dB. With an IP54 protection rating and Class F insulation, it is suitable for demanding environments and can operate in temperatures ranging from -40°C to +85°C. The unit supports horizontal shaft mounting or rotor-down orientation, offering flexible installation options.

## Technical Specifications

| Attribute      | Value              |
|----------------|--------------------|
| Model          | R4D500-FA03-01     |
| Manufacturer   | ebm-papst          |
| Voltage Rating | 230 VAC            |
| Current Rating | 4.4 A              |
| Dimensions     | 500 mm             |
| Fan Speed      | 1400 RPM           |
| Power Rating   | 1270 W             |
| Bearing Type   | Ball Bearing       |
| Fan Type       | EC                 |
| Motor          | M4D138-HF          |
| Subcategory    | EC centrifugal fan |
| IP Rating      | IP54               |





