

# R3G280-AH33-31 ebmpapst 48V 2.8A centrifugal fan

**SKU:** R3G280-AH33-31

**Price:** \$910.67

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/r3g280-ah33-31-ebmpapst-48v-2-8a-centrifugal-fan/>

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## Product Description

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The ebmpapst R3G280-AH33-31 is a highly efficient EC Centrifugal Fan designed for diverse air movement applications. It features a 280mm impeller diameter and operates on 48VDC within a wide voltage range of 36-57VDC. This fan draws 2.8A of current and consumes 135W of power. It delivers an airflow of 1050 m<sup>3</sup>/h (618 CFM) at a speed of 2360 RPM, with a static pressure of 342 Pa. The fan is equipped with a durable ball bearing system and an EC motor offering features like variable speed drive, tach output, power limiter, soft start, and 0-10 VDC / PWM control input. It has an IP42 degree of protection and operates in ambient temperatures from -25°C to 60°C. The impeller is made of sheet steel, galvanized.

R3G280-AH33-31 Fan Parameters

Model: R3G280-AH33-31

Manufacturer: ebmpapst

Type: EC Centrifugal Fan

Motor: M3G084-DF

Impeller Diameter: 280 mm

Rated Voltage: 48 VDC

Operating Voltage Range: 36 - 57 VDC

Current Draw: 2.8 A

Power Input: 135 W

Fan Speed: 2360 RPM

Airflow: 1050 m<sup>3</sup>/h (618 CFM)

Static Pressure: 342 Pa

Bearing Type: Ball bearing

Impeller Material: Sheet steel, galvanized

Number of Blades: 11

Direction of Rotation: Clockwise, viewed toward rotor

Degree of Protection: IP42

Insulation Class: "B"

Ambient Temperature: -25 °C to 60 °C

Motor Protection: Thermal overload protector (TOP)

Technical Features: Variable speed drive, Tach output, Power limiter, Soft start, Control input  
0-10 VDC / PWM

Approvals: UL 1004-1, CSA C22.2 No. 100, CCC, CE

Weight: 3.7 kg

Application: Ventilation systems, Air handling units, Cooling systems, Industrial processes

## **Product Images**

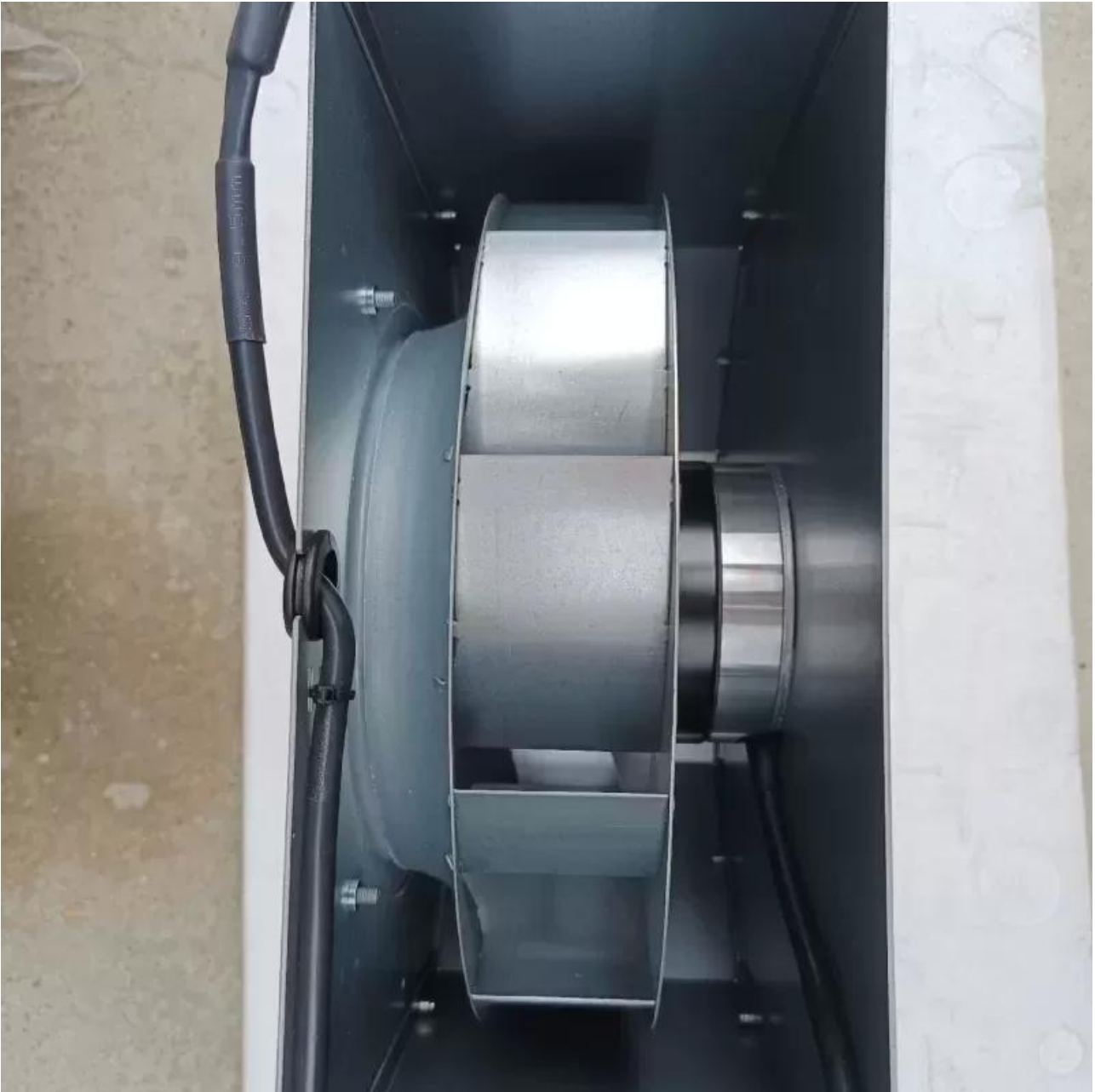
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