

# RFB2008N RISUN 5V DC Micro Blower 20mm

**SKU:** RFB2008N

**Price:** \$9.99

**Categories:** Fans

**Tags:** RISUN

**Product Link:**

<https://www.electspares.com/product/rfb2008n-risun-5v-dc-micro-blower-20mm/>

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## Product Description

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The RISUN RFB2008N is a Micro Blower (Centrifugal Blower) with dimensions of 20 x 20 x 8.5 mm. It operates on a nominal voltage of 5.0 VDC. The blower achieves a high speed of 14,000 RPM, consuming 0.625 W of power and drawing a maximum current of 0.145 A. It delivers an air flow of 1.51 m<sup>3</sup>/h (0.89 CFM) and a maximum static pressure of 73.6 Pa (0.294 inAq). This two-wire fan is protected by an IP58 rating and includes Lock Rotor and Auto Restart protection, making it ideal for extremely compact, high-pressure ventilation in portable electronics.

RFB2008N Fan Parameters

Model: RFB2008N

Manufacturer: RISUN

Type: Micro DC Blower (Centrifugal Blower)

Dimensions (measuring): 20 x 20 x 8.5 mm

Nominal Voltage: 5.0 VDC

Voltage Range: 4.5 VDC ~ 5.5 VDC

Speed: 14000 RPM

Power Consumption: 0.625 W

Current Draw: 0.125 A (Max 0.145 A)

Max. Airflow: 1.51 m<sup>3</sup>/h (0.89 CFM)

Max. Static Pressure: 73.6 Pa (0.294 inAq)

Noise Level: 31.1 dB(A)

Weight: 2.9 g

Bearing Type: Self-lubricative bearing

Motor Design: Brushless DC Motor

Motor Protection: Lock rotor, Auto Restart, Polarity

Termination: 2 Wire Leads (Standard 50 mm length)

Service Life L10 at 45 °C: 25000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 60 °C

Approvals: CE, RoHS

IP Rating: IP58

#### Application

The RISUN RFB2008N Micro Blower is a specialized, low-profile component designed for high-static pressure applications within miniature electronics. Primary applications include cooling pico projectors, micro fuel cells, portable gas/particulate detectors, specialized mask/goggle ventilation, and other compact embedded systems requiring focused, dust/water-protected airflow.

## **Product Images**

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