

M115BA2H MUTUAL 230V 12038 120x120x38mm AC Axial Fan

SKU: M115BA2H

Price: \$12.99

Categories: Fans

Tags: Mutual Motor

Product Link:

<https://www.electspares.com/product/m115ba2h-mutual-230v-12038-120x120x38mm-ac-axial-fan/>

Product Description

The MUTUAL M115BA2H is a high-performance AC Axial Fan with dimensions of 120 x 120 x 38 mm. Operating within a voltage range of 200V-240V AC (50/60Hz), this unit is designed for versatile industrial cooling applications. It features a 7-blade PBT plastic flame-retardant impeller and a robust die-cast aluminum alloy housing for superior durability. At 60Hz, it delivers a maximum airflow of 200.5 m³/h (118.0 CFM) and a static pressure of 95 Pa (0.38 inAq) with a power consumption of 19W. Equipped with a high-precision dual ball bearing system, the M115BA2H ensures stable performance in extreme environments, ranging from -10 °C up to 75 °C. This specific configuration utilizes a 2-wire termination, allowing for enhanced connectivity and control in mission-critical electrical cabinets and machinery.

M115BA2H Fan Parameters

Manufacturer: Mutual Motor

Model Number: M115BA2H

Type: AC Axial Fan

Motor Design: Brushless Motor

Number of Blades: 7

Nominal Voltage: 230 VAC

Operating Voltage Range: 200V - 240V

Frequency: 50 / 60 Hz

Dimensions: 120 x 120 x 38 mm

Weight: 520 g

[Electrical Data]

Rated Speed: 2500 / 2800 RPM

Rated Current: 0.14 A / 0.11 A

Power Consumption: 22 W / 19 W

Termination: 2 Wire Leads

[Performance & Acoustics]

Air Flow: 161.4 / 200.5 m³/h (95.0 / 118.0 CFM)

Max. Static Pressure: 77 / 95 Pa (0.31 / 0.38 inAq)

Noise Level: 35 / 41 dB(A)

[Materials & Construction]

Housing Material: Die-cast aluminum alloy

Impeller Material: PBT Plastic (Flame retardant)

Bearing Type: Ball Bearing

Airflow Direction: Exhaust over struts

Direction of Rotation: Clockwise, viewed toward rotor

[Reliability & Protection]

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 75 °C

Storage Temperature: -40 °C to 80 °C

Motor Protection: Impedance protected / Polarity protection

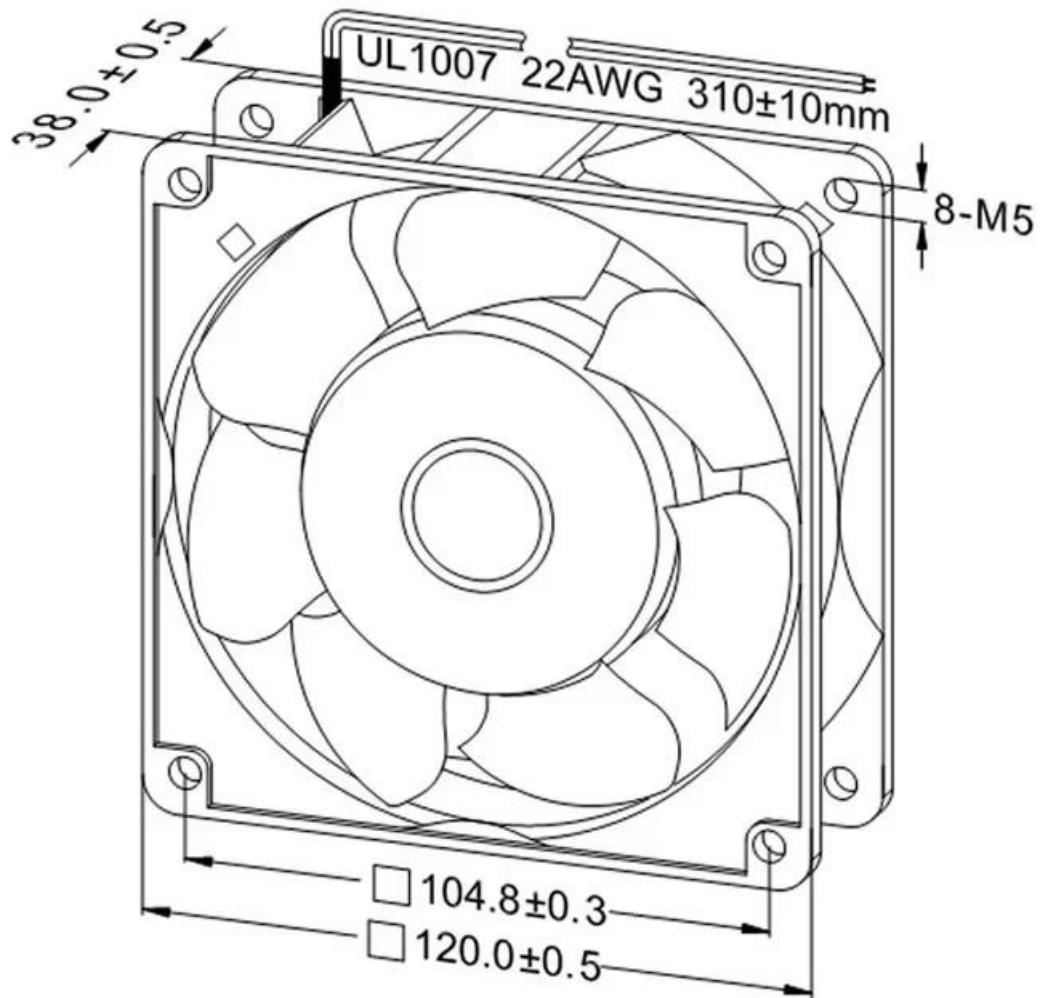
Application

The MUTUAL M115BA2H is a professional-grade thermal management solution for high-density electrical enclosures, industrial power supplies, and HVAC ventilation systems. Its 120 mm aluminum frame provides excellent structural integrity and heat dissipation, while the 7-blade PBT impeller is optimized for high-volume air displacement. The 2-wire termination offers flexible integration for systems requiring grounding or signal monitoring. With a wide operating temperature range up to 75 °C and a maximum airflow of 118 CFM, this fan is ideally suited for 24/7 continuous operation in challenging industrial environments, ensuring the longevity and stability of sensitive electronic components.

Product Images







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