

# R87F-A4A15HP Omron 200VAC 120x120x38mm Cooling Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$51.99**

E-mail: [sales@equipspares.com](mailto:sales@equipspares.com)

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/r87f-a4a15hp-omron-200vac-120x120x38mm-cooling-axial-fan>

## Product Description

The Omron R87F-A4A15HP is a robust AC Axial Fan engineered for demanding industrial thermal management applications. Utilizing an efficient AC motor architecture, this unit delivers consistent airflow while maintaining optimal thermal impedance within the system. The design features a high-durability die-cast aluminum frame ensuring structural rigidity under continuous operation. Its aerodynamic blade configuration is optimized to balance static pressure and airflow, making it an ideal solution for maintaining component stability in high-voltage environments. The unit incorporates precision ball bearings to reduce friction and extend operational service life.

Model Number: R87F-A4A15HP

Brand: Omron

Product Type: AC Axial Fan

Rated Voltage: 200 VAC

Frequency: 50/60 Hz

Input Power: 15 W (50Hz) / 14 W (60Hz)

Rated Current: 0.11 A / 0.10 A

Rated Speed: 2750 RPM (50Hz) / 3200 RPM (60Hz)

Max. Air Flow: 95.3 CFM (2.7 m<sup>3</sup>/min) / 109.4 CFM (3.1 m<sup>3</sup>/min)

Max. Static Pressure: 78.4 Pa (0.31 inH<sub>2</sub>O) / 88.2 Pa (0.35 inH<sub>2</sub>O)

Dimensions: 120x120x38mm

Weight: 550 g

Bearing Type: Ball Bearing

Noise Level: 42 dB(A) / 46 dB(A)

Frame Material: Die-Cast Aluminum

Blade Material: Glass Reinforced Plastic (UL94V-0)

Termination: 2-Terminal Type (Faston #110)

Operating Temperature: -30°C to +70°C

Storage Temperature: -40°C to +85°C

Insulation Resistance: 100 MΩ min. at 500 VDC

Dielectric Strength: 1500 VAC for 1 minute

Protection: Impedance Protection

Compliance: CE, UL, CSA

Designed for rigorous industrial environments, the R87F-A4A15HP is frequently utilized in control panels, server racks, and automation machinery requiring reliable heat dissipation. The R87F-A4A15HP ensures critical components remain within safe operating temperatures, preventing thermal throttling in CNC machines, power supply units, and telecommunications equipment.

## Supplemental Images

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