

TAR475CH-10-B66 Royal Fan 200VAC 120x120x38mm AC Axial Fan Datasheet



Brand: Royal Fan

SKU: 1004369972632

Category: Axial & Centrifugal Fans

Price: **\$381.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/tar475ch-10-b66-royal-fan-200vac-120x120x38mm-ac-axial-fan>

Product Description

The Royal Fan TAR475CH-10-B66 is a robust AC Axial Fan engineered for high-reliability industrial thermal management. Utilizing an advanced AC induction motor architecture, this unit delivers consistent airflow performance while maintaining optimal thermal impedance under continuous operation. The construction features a die-cast aluminum frame, providing exceptional structural rigidity and resistance to environmental stress. Designed with precision ball bearings, the TAR475CH-10-B66 ensures longevity and stability, making it an ideal solution for critical cooling applications requiring durable aerodynamic efficiency and effective heat dissipation in 200VAC systems.

Model Number: TAR475CH-10-B66

Brand: Royal Fan (Ikura Seiki)

Product Type: AC Axial Fan

Rated Voltage: 200 VAC

Frequency: 50 / 60 Hz

Voltage Range: 180 - 220 VAC

Rated Current: 0.11 / 0.09 A

Input Power: 14.0 / 12.0 W

Rated Speed: 2700 / 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 95.0 CFM (161.4 m³/h / 2.69 m³/min)

Max. Static Pressure: 7.5 mmH₂O (73.5 Pa / 0.29 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 550 g

Frame Material: Aluminum Die-Cast

Impeller Material: Reinforced Plastic UL94V-0

Motor Protection: Impedance Protected

Insulation Resistance: 100MΩ at 500VDC

Dielectric Strength: 1500VAC for 1 minute

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 50,000 Hours at 25°C

Termination: Lead Wires / Terminal Block

Mounting Orientation: Any

Noise Level: 42 / 46 dB(A)

Certifications: UL, CSA, TUV

This cooling solution is extensively utilized in industrial automation environments, specifically within control panels and server cabinets where reliable thermal regulation is paramount. The TAR475CH-10-B66 is frequently integrated into CNC machinery electronics, power supply units, and telecommunications infrastructure to prevent thermal throttling. By maintaining optimal operating temperatures, the TAR475CH-10-B66 safeguards sensitive components in factory automation systems and heavy-duty electrical enclosures.

Supplemental Images

