UTHS457C Royal Fan 230VAC 120x120x38mm AC Axial Fan Datasheet

Brand: Royal Fan

SKU: 598059397713

Category: Axial & Centrifugal Fans

Price: **$33.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/uths457c-royal-fan-230vac-120x120x38mm-ac-axial-fan

Product Description

The Royal Fan UTHS457C is a robust AC Axial Fan engineered by Ikura Seiki for demanding industrial thermal management applications. This unit features a precision-balanced induction motor housed within a durable aluminum die-cast frame, ensuring exceptional structural rigidity and vibration damping. Utilizing high-grade ball bearing architecture, the UTHS457C delivers reliable operation under continuous duty cycles, effectively minimizing thermal impedance in enclosed systems. Its aerodynamic impeller design optimizes airflow efficiency while maintaining acoustic stability, making it a preferred choice for critical cooling requirements where longevity and performance stability are paramount.

Model Number: UTHS457C
Brand: Royal Fan (Ikura Seiki)
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Input Power: 20 / 18 W
Rated Current: 0.14 / 0.12 A
Rated Speed: 2700 / 3100 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 95.0 / 110.0 CFM (161 / 187 m^3/h)

Max. Static Pressure: 7.5 / 8.5 mmH_2O (73.5 / 83.3 Pa)
Dimensions: 120 x 120 x 38 mm
Weight: 550 g
Frame Material: Aluminum Die-Cast (Black Paint)
Impeller Material: Polycarbonate (Glass Fiber Reinforced) UL94V-0
Operating Temperature: -10°C to +60°C
Storage Temperature: -30°C to +70°C
Insulation Resistance: 100MΩ min. at 500VDC
Dielectric Strength: 1500 VAC for 1 minute
Life Expectancy: 25,000 Hours (at 60°C)
Motor Protection: Impedance Protected
Termination: Lead Wires / Terminals
Origin: Japan

The UTHS457C is extensively utilized in industrial automation environments, specifically for cooling control panels and server cabinets. Its robust construction allows the UTHS457C to function reliably in CNC machinery and power supply units where consistent heat dissipation is critical. Additionally, this model serves as a vital component in telecommunications infrastructure and medical instrumentation, ensuring sensitive electronics remain within optimal operating temperature ranges.

Supplemental Images