PF-150-M Nitto 100VAC 120mm Industrial Cabinet Fan Datasheet

SKU: 922661857653

Category: Axial & Centrifugal Fans

Price: **$68.99**

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Product Page: https://www.equipspares.com/product/pf-150-m-nitto-100vac-120mm-industrial-cabinet-fan

Product Description

The Nitto PF-150-M is a robust industrial cabinet fan designed for optimal thermal management in electrical enclosures and high-mount applications. Utilizing the EH1256UF motor core, this unit features a durable AC induction motor engineered for continuous operation under demanding load conditions. The aerodynamic impeller design ensures high static pressure capabilities, effectively overcoming system impedance in densely packed server racks or control panels. Constructed with structural rigidity in mind, the fan assembly minimizes vibration and resonance, maintaining a stable thermal impedance profile for sensitive electronic components while ensuring reliable heat dissipation.

Model Number: PF-150-M
Internal Model: EH1256UF
Brand: Nitto Kogyo
Product Type: AC Axial Fan
Rated Voltage: 100 VAC
Frequency: 50 / 60 Hz
Input Power: 46 / 42 W
Dimensions: 120 x 120 x 38 mm
Bearing Type: Ball Bearing
Housing Material: Aluminum Die-Cast
Impeller Material: Reinforced Plastic UL94V-0

Mounting Orientation: Vertical / Horizontal
Termination: Lead Wires
Origin: Japan
Application: High-Altitude / Cabinet Mounting
Cooling Type: Active Airflow

The PF-150-M is specifically engineered for high-reliability industrial applications, including overhead electrical cabinets and control panel ventilation systems where heat dissipation is critical. Its robust design makes it suitable for factory automation equipment, telecommunications infrastructure, and power distribution units requiring consistent airflow. The PF-150-M excels in environments where maintenance access is difficult, leveraging its long-life bearing structure to reduce downtime in automated manufacturing cells and server rooms.