

US12D23 STYLE FAN 230VAC 120mm AC Cooling Axial Fan Datasheet



SKU: [892393634576](#)

Category: Axial & Centrifugal Fans

Price: **\$55.99**

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Product Page:

<https://www.equipspares.com/product/us12d23-style-fan-230vac-120mm-ac-cooling-axial-fan>

Product Description

The STYLE FAN US12D23 is a robust AC Axial Fan engineered for consistent thermal management in industrial environments. Utilizing a high-efficiency AC induction motor architecture, this unit delivers reliable airflow while maintaining optimal thermal impedance under continuous operation. The chassis features a structurally rigid aluminum die-cast frame designed to minimize vibration and resonance, ensuring stability during high-load cycles. Its aerodynamic impeller geometry is optimized to balance static pressure and airflow volume, making it an ideal solution for systems requiring sustained cooling performance without frequent maintenance interventions. The design prioritizes longevity and operational stability in varying electrical conditions.

Model Number: US12D23

Brand: STYLE FAN

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50/60 Hz

Input Power: 16/15 W

Dimensions: 120 x 120 x 38 mm

Bearing Type: Ball Bearing

Frame Material: Aluminum Die-Cast

Impeller Material: Thermoplastic PBT (UL94V-0)

Motor Type: Shaded Pole Induction Motor

Phase: Single Phase

Air Flow Direction: Exhaust Over Struts

Operating Temperature: -10°C to +70°C

Insulation Resistance: >100M Ohm at 500VDC

Dielectric Strength: 1500VAC for 1 Minute

Life Expectancy: >50,000 Hours

Mounting Orientation: Vertical or Horizontal

This cooling solution is specifically calibrated for demanding industrial applications such as electrical control cabinets, server rack ventilation, and power supply units. The US12D23 excels in environments where consistent heat dissipation is critical to component longevity. Integrators frequently deploy the US12D23 in CNC machinery control panels and telecommunications infrastructure, leveraging its compact footprint and reliable AC operation to maintain safe operating temperatures for sensitive electronics.

Supplemental Images

