

F4E200-102A-AM0A AFL 115VAC 200mm Centrifugal Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$214.99**

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Product Description

The AFL F4E200-102A-AM0A is a precision-engineered Single Inlet Forward Curved Centrifugal Fan designed for demanding industrial air movement applications. Utilizing a robust single-phase asynchronous external rotor motor, this unit delivers consistent torque and thermal stability under continuous operation. The 200mm impeller is aerodynamically optimized to minimize turbulence while maximizing static pressure capabilities within a compact footprint. Constructed with high-grade materials to ensure structural rigidity, the motor features an IP54 ingress protection rating, safeguarding internal components against dust and splashing water. This architecture ensures low thermal impedance and extended service life, making it a reliable solution for complex ventilation systems requiring high-efficiency AC motor technology.

Model Number: F4E200-102A-AM0A

Brand: AFL

Product Type: Forward Curved Centrifugal Fan (Single Inlet)

Motor Technology: Single-Phase Asynchronous External Rotor Motor

Rated Voltage: 110/115 VAC

Frequency: 60 Hz

Rated Current: 1.45 A

Power Input: 160 W

Rated Speed: 1650 RPM

Capacitor: 16 uF / 500 V

Impeller Diameter: 200 mm

Ingress Protection: IP54

Termination: 4 Lead Wires

Bearing Type: Ball Bearing

Mounting Orientation: Any

The F4E200-102A-AM0A is engineered for critical cooling and ventilation scenarios, including industrial control cabinets, clean room filtration systems, and telecommunications base stations. Its high-efficiency motor design allows the F4E200-102A-AM0A to operate effectively in heat exchangers and duct fans where consistent airflow and pressure are paramount for system reliability.

Supplemental Images

