

JM AEROFOIL (USA)

Tube Axial Flow Fan



Introduction

Our JM Aerofoil (Tube) fans deliver high aerodynamic efficiencies (up to 79%) which is achieved using Aerofoil section impeller blades and aerodynamically optimized hub design, which deliver peak operating efficiencies.

- Fan casings (housings) are hot dip galvanized to offer enhanced corrosion resistance
- Fully cased design makes installation quick, simple and cost effective
- Robust reliable products by design
- NEMA Premium efficiency motors are UL Listed and have IP55 ingress protection as standard
- Low installed noise levels
- Reduced lead times to market, as this range is built in America



Please visit our Online fan selection tool for technical data sheet based on your performance requirements.

Technical Parameters

Casing (Fan Housing)	Long
Size	315 to 1600mm (12.4" to 63")
Temperature	104°F to 572°F for 2hrs (emergency operation)
Volume	up to 123 380 cfm
Pressure	up to 9.65 inwg
Electrical Supply	208v, 230v or 460v / 3 Ph / 60Hz
Motors	Single speed, Nema Premium efficiency machines, UL listed, IP55 ingress protection

Construction Details

Our JM product is available as a fully cased axial flow fan which offers high efficiency performance. Each impeller is manufactured from high-pressure die cast aluminum, which is X-ray inspected using real time radiography (in accordance with ASTM E-155) to ensure product integrity and quality. Impellers are precision balanced to minimize vibration levels and assure smooth operation. Impeller blades are mounted into a hub and clamp plate assembly, which allows manual blade pitch angle adjustments to be made on site which offers performance flexibility.