

JMTS AEROFOIL (USA)

Tube Axial Flow Fan - Reversible Range



Introduction

Our JMTS Aerofoil (Tube) fans deliver high aerodynamic efficiencies (up to 79%).

The Woods "Truly Symmetrical" 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
- "Truly Symmetrical" Impeller Blades
- Low installed noise levels
- The optimal solution for smoke purge applications (Post Smoke Ventilation)



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

100% Reversible fans are designed for maximum performance and efficiency, incorporating our truly symmetrical reversible blade sections.

Providing the same performance in both the forwards and reverse direction.

Technical Parameters

Casing (Fan Housing)	Long
Size	630, 1000, 1120, 1400 & 1600mm
Temperature	104°F to 572°F for 2hrs (emergency operation)
Volume	up to 120,000 cfm
Pressure	up to 4.21 inwg static
Electrical Supply	208v, 230v or 460v / 3 Ph / 60Hz
Standard Feature	Suitable for inverter drive

Construction Details

Our JMTS 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.

