

## 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)
- UL Listed - Power Ventilators 705



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

[www.woodsairmovement.com](http://www.woodsairmovement.com)

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.

