

HT JMv® AEROFOIL AXIAL FLOW FAN



Air Movement



Introduction

Our HT JMvAerofoil delivers aerodynamic efficiencies up to 84.8%, whilst offering a

- Innovative, CFDOptimized design - improved aerodynamic efficiency.
- Certified in accordance with EN121013, for Smoke Extraction up to 400°C for 2 hours.
- Fully cased design – quick, simple and cost effective installation.



Product details

Product Code: AVHA

The JMv is a fully cased axial flow fan which offers high-efficiency performance. Each impeller is manufactured from high-pressure die-cast aluminium, 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 adjustment that offers performance flexibility. Our design incorporates our innovative “VCC” technology, which uses high twist blades, blade features, an aerodynamically optimized hub design and integral 2-stage guide vanes to deliver outstanding energy-saving performance. A Woods Air Movement product.

Fast Facts

- Available in 14 diameters, 315 to 1400 mm
- Volumes up to 227,160 m³/h (63.1 m³/s)
- Static pressures up to 1650 Pa
- Fan efficiencies of up 84.8% deliver low running costs (reduced by 44.5%) and enhanced SFP values
- Improved fan efficiencies deliver a carbon foot print reduction of over 624 Tonnes
- Fans are tested to ISO5801, BS848 and EN121013 (High Temperature)
- Suitable for Standard temperature, 200°C/2, 250°C/2, 300°C/2 and 400°C/2 smoke extraction
- Fully compliant with ErP regulation 327/2011 (2nd tier)
- Fan casings are hot dip galvanized to offer enhanced corrosion resistance
- Fully cased design makes installation quick, simple and cost effective
- Single and two speed motors are available in 50Hz and 60Hz variants. Motor protection IP55
- Low installed noise levels