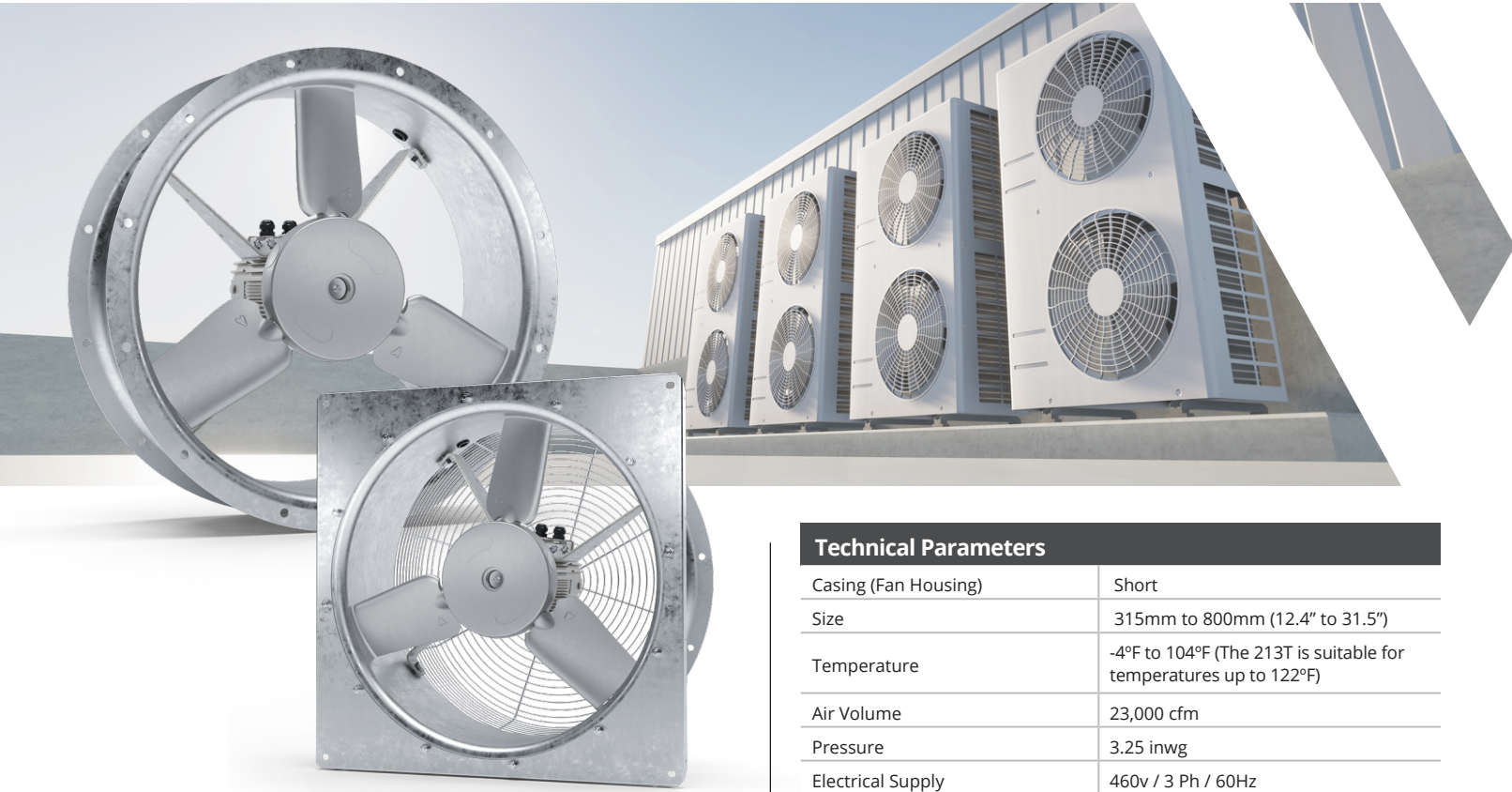


EC- JMS AEROFOIL

Short-case Tube Axial Fans



Introduction

Our new EC-JMS Range of short-case fans delivers high aerodynamic peak operating efficiencies by using Aerofoil section impeller blades and an aerodynamically optimized hub design.

- Short Fan casings (housings) are hot dip galvanized to offer enhanced corrosion resistance
- EC Motor technology
- Accurate speed control to guarantee fan performance and energy saving, 0-10 volt control, Modbus
- Robust reliable products by design
- Low installed noise levels
- Aluminum motor frame with IP55 protection rating
- cURus/CE certified EC Motors
- Sealed-for-life bearings ensure long-term reliable operation
- Built-in electronic protection for overload, over-temperature, and locked-rotor conditions
- Plate mounted & guard options
- Assembled in America for reduced lead times
- Customized Paint Finishes - available on request

Technical Parameters

Casing (Fan Housing)	Short
Size	315mm to 800mm (12.4" to 31.5")
Temperature	-4°F to 104°F (The 213T is suitable for temperatures up to 122°F)
Air Volume	23,000 cfm
Pressure	3.25 inwg
Electrical Supply	460v / 3 Ph / 60Hz
Motors	<ul style="list-style-type: none"> • EC Motor Technology • cURus/CE certified • Delivering IE5-Class efficiency levels - Max Power 10 HP • With 0-10V speed control and Modbus compatibility

Construction Details

Our EC-JMS Range 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. Also available with plastic polymer blades.

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 to offer performance flexibility.

