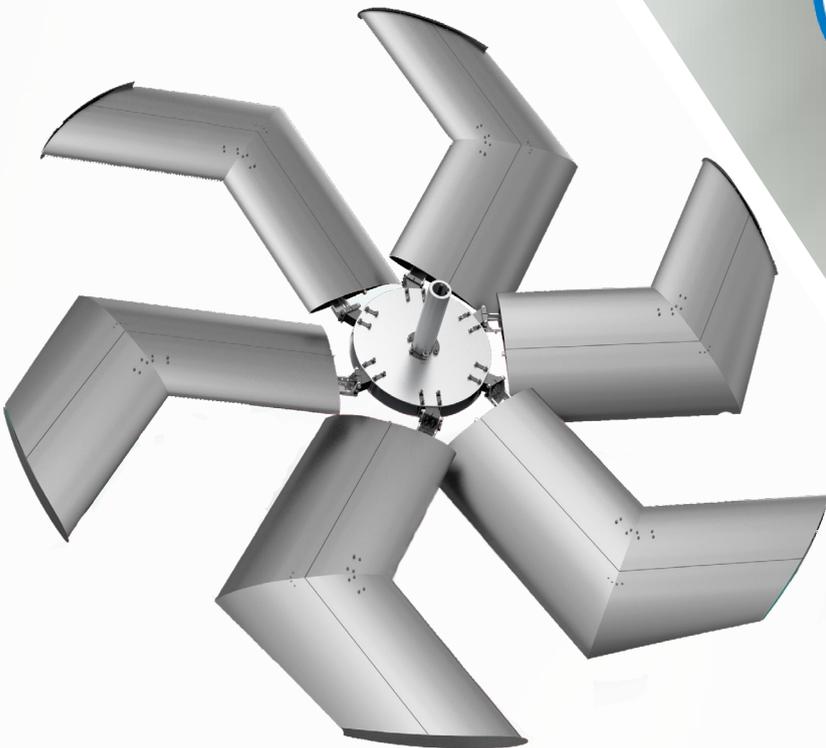


No Noise, No Problem



REPRESENTING



The Future of Cooling Towers Technology Today



Introduction

Pritchard utilises a family of Smartfans™ which employs a very innovative patented design for the attachment of the blade to the hub. This causes the blade to be almost insensitive to the alternating loads caused by air turbulence or any other exciting factor. As a consequence, the vibrations on the plant structure are greatly reduced.

Vibration problems are generally detected during commissioning when there is limited time available for corrective action which can lead to delays in plant delivery.

FEATURES

The combinations of profile types and number of blades has made it possible to better satisfy specific project requirements in a variety of different applications giving preference either to noise reduction or gaining a higher efficiency.

The blades, which have an adjustable pitch angle, are Easy, Safe and Simple to assemble.

The hub is provided with a conical bushing to shorten the assembly time.

Two blade widths are available, 425 mm for Ultra Low Sound applications at 8-10 dB reduction and 750 mm for Whisper Quiet operation at 10-12 dB reduction.

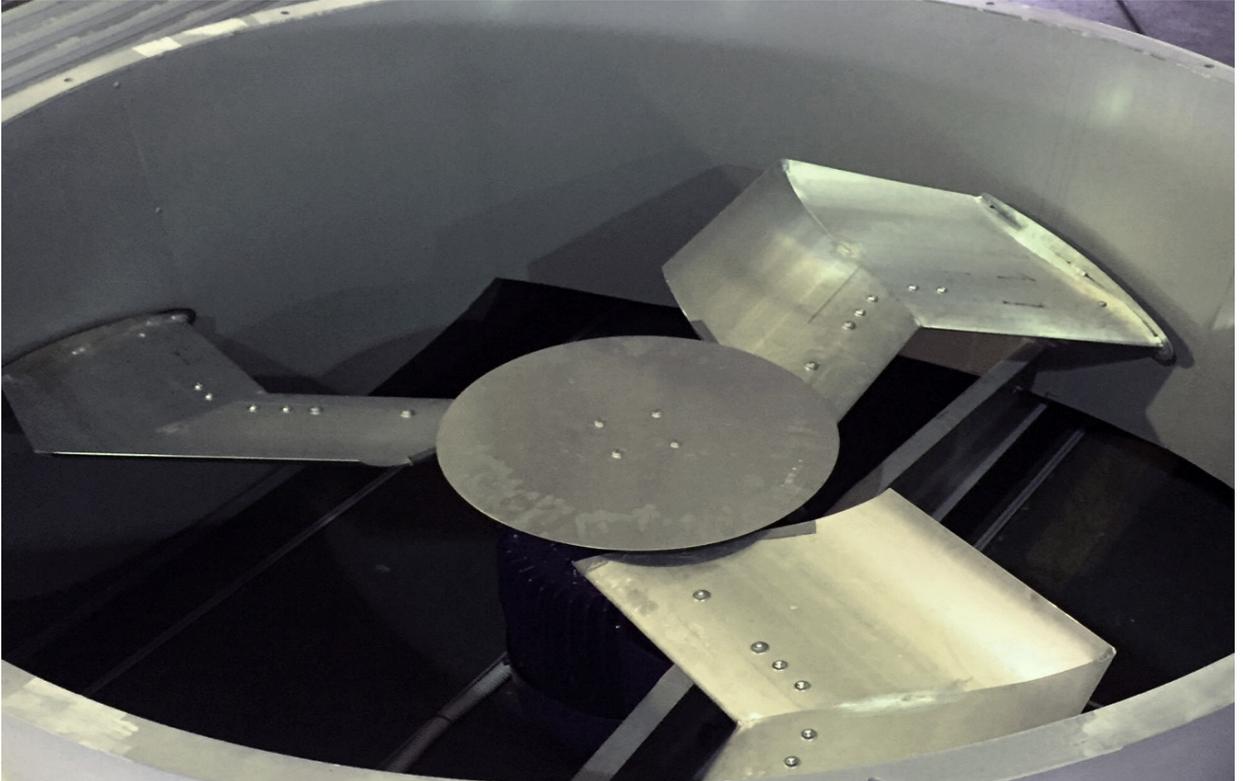


Representing



Stealthfans™ - REM

Fans from 1829mm to 12192mm. Specifically designed for high efficiencies with stealth characteristics - no noise, no problem.



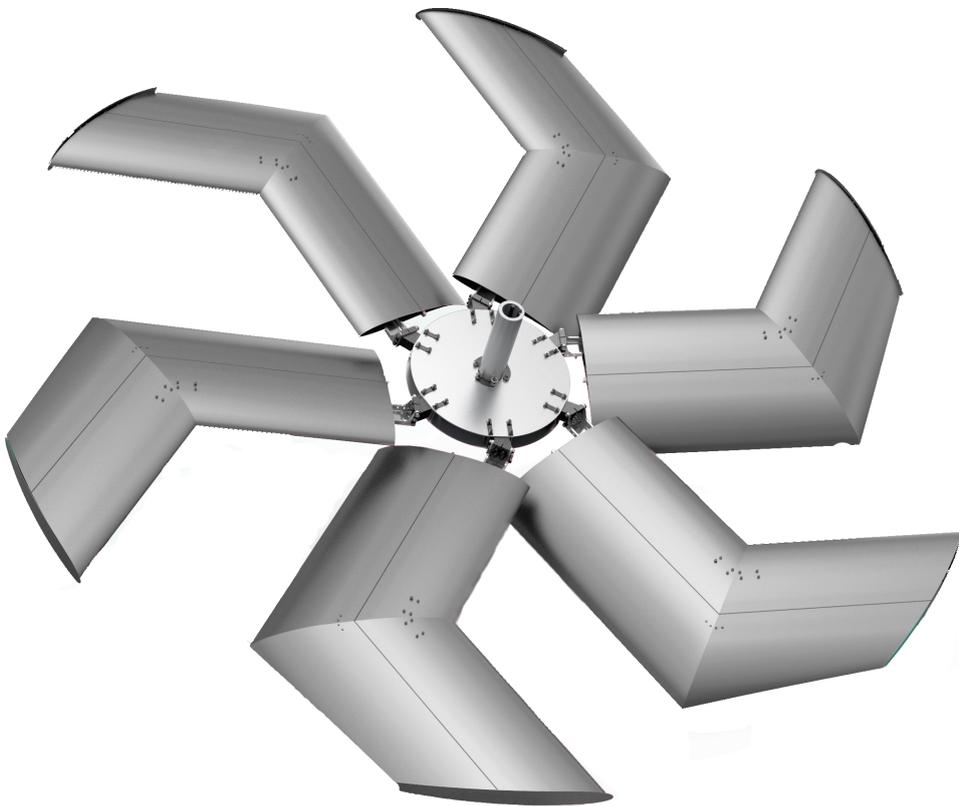
The REM Series is based on a patented technical solution which is the result of a two year research program representing the most advanced product in the field of very low noise axial fans for cooling and ventilation equipment.

The REM series is the only series of low noise fans that, beside the low noise feature offers;

- High efficiency
- Low weight
- Reduced space requirement in axial direction
- Low cost
- Reduced vibration levels

REM Series fans can be supplied in clockwise and counter clockwise rotation. The blades have an adjustable pitch angle and are Easy, Safe & Simple to assemble. The hub has a conical bushing to also reduce assembly time.

The fan blades are aluminium alloy or UV resistant and anti-static FRP. For wet cooling tower applications, the leading edge of the FRP profile is protected by a maintenance free stainless steel sheet. The blade attachment components are hot dip galvanized steel and aluminium alloy. Additional polyurethane coating can be applied to any of the above elements. The fasteners are geoment protected steel with stainless steel as an option. These fans can be used in an ambient temperature from $-45\text{ }^{\circ}\text{C}$ to $+80\text{ }^{\circ}\text{C}$, with standard materials.







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