

ultra quiet fan

Overview

The Ultra Quiet fan, offered by SPX Cooling Technologies, Inc., is designed for HVAC cooling tower applications where very low sound is a necessity. The wide chord blade design is well suited for low sound operation, delivering superior air flow and pressure capability at reduced speed.

Primary Benefits

- Designed to maximize cooling efficiency while minimizing sound levels
- Up to 70% lighter than similar FRP fans
 - Reduced vibration potential
 - Easier handling and installation
 - Excellent for knockdown towers or urban retrofits
- Durable marine grade aluminum blades resiliently mounted to machined aluminum hub
- Fast, easy and precise pitch adjustment
- Available in 66" to 156" diameters

Benefit Detail

ULTRA QUIET:

- The unique aerodynamic design optimizes the performance characteristics of the blade to offer significantly lower sound levels compared to low or quiet models.
- Up to 12 dBA reduction in 5'-above-the-fan sound levels vs. standard low sound fans.

LIGHTWEIGHT:

- The aluminum construction of the Ultra Quiet fan is ideal for aftermarket retrofits, particularly in tight urban environments where cranes and other equipment cannot be used.
- Constructed from aluminum, the Ultra Quiet fan meets FM approval standards.



The Ultra Quiet fan's wide chord blade design is well suited for low sound operation. The ideal solution for urban installations, or any other location where sound is a concern.



CORROSION RESISTANT:

- The Ultra Quiet fan is designed for continuous duty in all cooling tower operating conditions. It utilizes marine grade quality 5052 aluminum alloy blades that are well suited for harsh cooling tower environments.

EASY TO ADJUST:

- Each blade is secured to the hub with a resilient mount attachment (see below, left). By loosening the attachment hardware, blades are easily rotated to achieve desired pitch, delivering precise utilization of fan horsepower (see below, right).



Fan blades are resiliently mounted to machined aluminum hub.



Attachment hardware allows for fast, easy and precise pitch adjustment.

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