

SXM Cooling Fan

Unrivalled noise performance combined with an economic investment



SXM Cooling Fan benefits



Integrated in Howden selection software



Low chord and economical pricing



Optimal efficiency and low noise characteristic



Easy installation and low maintenance

The SXM fan is the ideal match between low noise performance and economic investment.

In the world of cooling, the demand for lower noise and greater flexibility is driving more differentiated solutions. This fact does not only refer to cooling towers and air-coolers, but also to an important component such as the fan itself. For applications in the oil & gas, power cooling and petro-chemical industries, Howden's SX product line provides a clear answer to cooling demands.

The SXM completes the full SX low noise product line, in which now three aero-foiled chord models are available in order to achieve the ideal combination when it comes to ultra-low noise features, high efficiency and investment. As the SX and SXT, the SXM uses a manually adjustable glass fiber polyester reinforced blade angle setting, and offers easy installation and minimal maintenance. The SXM range reduces up to 10 dB(A) compared with standard cooling fans and minimizes the size of fan casings, drives and transport cost due to the further reduction of blade chord and weight.

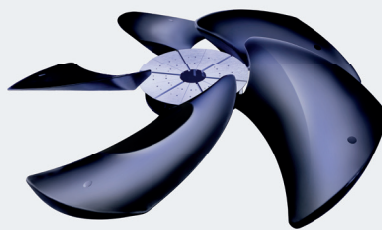
SXM Cooling Fan



Up to 50% reduction



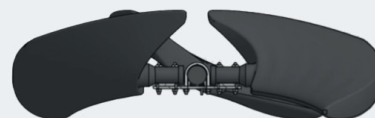
SXT Cooling Fan



Up to 30% reduction

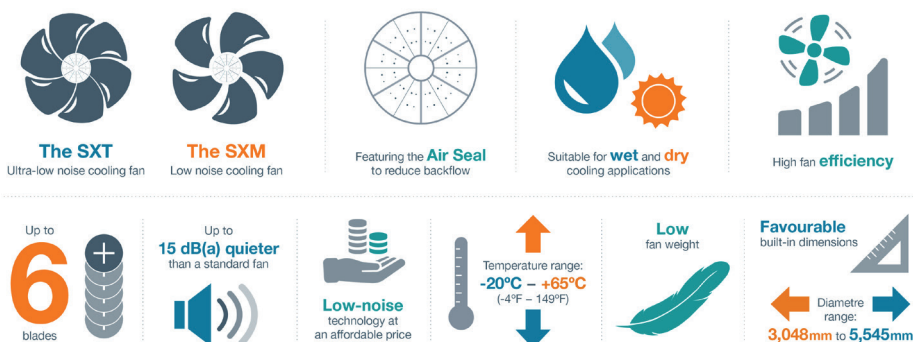


SX Cooling Fan



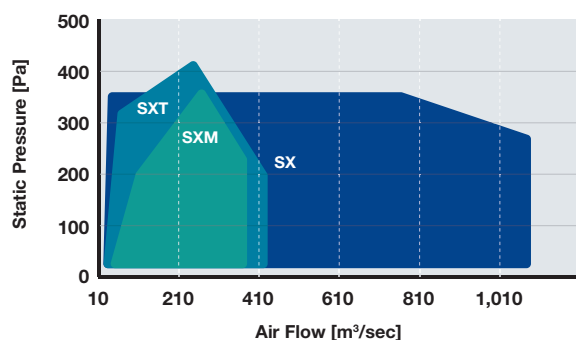
The SX is the ultimate solution for low noise cooling. The SXM balances the need for low noise with enhanced economics by offering significant reductions in fan casing drive and total weight of the fan unit. The low noise impeller brings additional benefits beyond lower noise, reducing cooler footprint, improving cooler efficiency and / or reducing the total number of fans.

For retrofit purposes in particular, the benefits in noise and performance can very often be achieved while keeping the original fan casing and support.

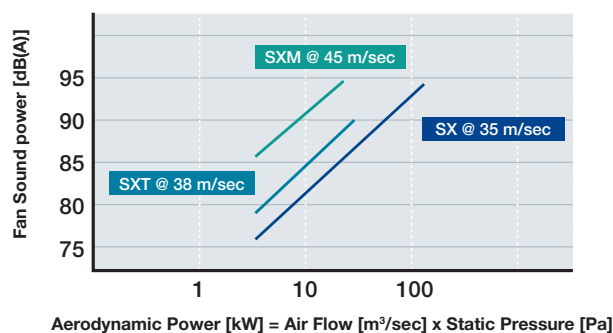


Cooling systems require changes throughout the years in order to meet the actual required performance! Older installations very often could be a bottleneck in the production process. For this, the SXM is an interesting option to match future performance while reducing noise emissions!

Specific aerodynamic performance



$P_{static} \text{ (Pa)} \times \text{Air Flow (m³/sec) in kW}$



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