

# FPXM Cooling Fan

Unrivalled economics combined with ultra low noise performance



## FPXM 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 new Howden FPXM fan development now achieves unrivalled economics combined with ultra low noise performance

In the world of cooling the demand for new and more flexible solutions is rapidly increasing. This fact does not only refer to the wet cooling tower or air-cooler itself, but also to an important component such as the cooling fan. For the HVAC market segment, Howden introduces a new member of the FPX product line, the FPXM.

The FPXM combines a medium sized chord, full aerofoil blade profile with low noise and high efficiency. As the FPX-Series Cooling Fans, the FPXM uses fixed pitch blades and is manufactured as a single impeller unit, which offers easy installation and minimal maintenance. The FPXM fan range reduces noise up to 14 dB(A) compared with standard cooling fans and minimizes the size of fan casings and transport cost due to the reduced chord and low weight.

## FPX Cooling Fan



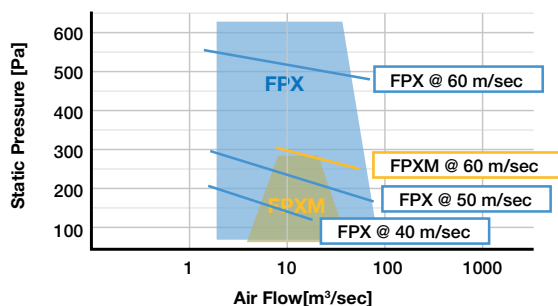
28 inches (710mm) to  
108 inches (2,743mm)

## FPXM Cooling Fan

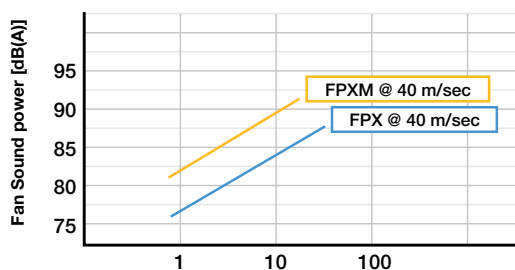


60 inches (1524mm) to  
92 inches (2337mm)

Air Volume Flow (m³/sec)



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



Aerodynamic Power [kW] = Air Flow [m³/sec] x Static Pressure [Pa]

The FPXM operating range is from 80°C to -20°C and can be extended on request. It can also be delivered with a fan casing and suitable drive, supplied as a pre-assembled unit. As the SX-Series Cooling Fans, the FPXM low noise impeller can also be used not only to lower noise, but also reduce cooler footprint, improve cooling efficiency and/or reduce the number of fans.

Cooling systems require changes throughout the years and older installations might cause a bottleneck in the production. For this the FPXM could be an alternative to match future performance.

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