



# FPX

BASED ON OUR PROVEN LOW NOISE FAN TECHNOLOGY, **HOWDEN'S FPX ULTRA-LOW NOISE FAN** ACHIEVES AN OUTSTANDING SOUND PERFORMANCE AND CONSIDERABLE ENERGY SAVINGS.

COOLING SYSTEMS ARE OFTEN SUBJECTED TO STRICT ENVIRONMENTAL NOISE LIMITS. IN MANY CASES, THESE RESTRICTIONS CAN ONLY BE MET BY USING EXPENSIVE SOUND ATTENUATION EQUIPMENT WHICH ENLARGES THE STATIC PRESSURE OF YOUR COOLING SYSTEM AND INCREASES ITS POWER CONSUMPTION.

**We believe that it is much more effective to tackle the noise problem at its source:** Our FPX Ultra-low noise fan can realize reduction in sound in combination with high efficiency, without affecting the cooling performance of your application.



#### FEATURES

- The FPX has a **specially shaped aerofoil** design to meet the strict demands for ultra-low noise applications combined with **high efficiency**.
- With an **operating temperature range** of -20°C up to +120°C (-4°F to 248°F), the FPX can be applied in several conditional scenarios.
- The FPX is available in a **diameter range** from 28" up to 108" (711mm up to 2743mm) which makes it suitable for various cooling and ventilation applications.
- With its robust design, the FPX is suitable for **high drive-powers**.
- The FPX has a tapered bushing connection for **quick and easy assembly**.
- Optionally, the FPX can be equipped with a **blade leading edge protection** for use in wet cooling applications.

#### ADVANTAGES

- The extremely stiff single-piece body of the FPX is made out of Fibreglass Reinforced Polyester which offers **easy assembly, superior damping and chemical resistance**, requiring little maintenance.
- Through Howden's **reliable fan selection software**, the FPX will be **customised for your application** leading to an **optimal balance between low noise, performance and power consumption** in any situation.
- FPX fans can also be applied to **enhance the cooling capacity** in your application by exploiting the fan noise reduction (through increasing the fan speed), thus enlarging the air volume at acceptable noise levels.
- Howden can supply you with a complete FPX cooling unit package including fan casing, drive, and complete suspension, enabling you to get everything you need from a **single-source supplier**.

