

Fläkt Woods Fans Selected for Landmark London Building



Fläkt Woods has won an order to supply precision fans for one of London's newest landmark buildings; 20 Churchill Place on the eastern gateway of the Canary Wharf Estate.

■ FACTS

Customer:

State Street Corporation
20 Churchill Place, London

Need:

Reliable and efficient ventilation.

Solution:

A combination including toilet extract fans, Box and Copford fans plus JM axial flow fans fitted with inverters.



Reliable and efficient fans for a wide range of applications

The building on 20 Churchill Place, purpose built for State Street Corporation, comprises 3 main sections; a 17 storey block to the north clad in natural stone, an 8 storey podium wing of clear glass curtain wall to the south and a natural stone base which wraps the building on three sides.

FCS Ductwork commissioned Fläkt Woods engineers to design the most effective ventilation mix. A combination including toilet extract fans, Box and Copford fans plus JM axial flow fans fitted with inverters, proposed as the optimum solution.

The building has a floor area of 355,000 square feet with 12 office floors above ground on the northern section and 4 floors on the southern section. The JM fans are being used principally for ventilation, with some handling smoke ventilation at 300°C for 1 hour and others rated at standard temperature. Many different sizes have been specified, ranging from 500 mm - 1400 mm in diameter.

Fläkt Woods axial fans have been developed over the last 50 years to ensure the most reliable and efficient fan possible for a wide range of applications. All fans are tested to ISO5801 Part 1, installation category D for aerodynamic performance and BS848 Part 2 (1985) for acoustic performance.



Fläkt Woods' Boxed fan range is designed to offer environmental management through a controllable solution, ensuring optimum performance at minimum running costs. They are very compact and suitable for installation in the most confined situations. The intelligent control regulates the amount of energy required to operate, by adjusting the power consumption to match system demands.

The system has already proved itself, significantly reducing enabling times and leading to minimal installation costs. The fans come with sensors, switches, valves and duct mounted dampers. Plug and play sensor connectors can also provide quick, simple installation for remote functions (up to 8 per fan), CO2 detection, humidity levels and pressure.

Fans

Fläkt Woods offers the widest range of fans in the market. From small fans for standard applications up to heavy duty fans for customized applications designed to order.

Fläkt Woods Group

Fläkt Woods is a global company providing solutions for ventilation and air treatment for buildings as well as fan solutions for Industry and Infrastructure applications.

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