

Energy efficient Jet Thrust Fans for 110 St Vincent Street in Glasgow



Under a contract to supply energy efficient car park venting solutions, Fläkt Woods has worked beneath one of the most iconic and striking buildings at the heart of Glasgow's central business district, at 110 St Vincent Street.

■ FACTS

Customer:

110 St Vincent Street, Glasgow

Need:

Car park ventilation with fire- and smoke detection

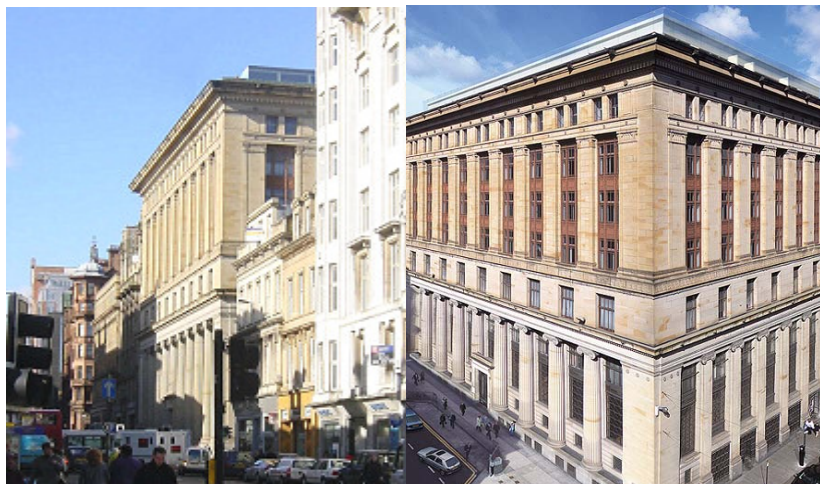
Solution:

Control panel, four specialist Jet Thrust fans and two high temperature JM high pressure two-stage extract fans



Fläkt Woods offer turnkey solutions for every application

The façade of 110 St Vincent Street and the superb ground floor banking hall have both been retained under a £20 million contract. Work will transform the building into a dramatic setting for the new fully open plan office of up to 94,000 sq ft on floor plates averaging 12,000 sq ft with a new fully glazed terrace floor at the roof level.



Turnkey contract

Within the enclosed basement area Fläkt Woods has provided a complete turnkey contract for ventilation of the 25 space car park.

The package includes four specialist Jet Thrust fans and two high temperature JM high pressure two-stage extract fans of 710 mm diameter with attenuators. Make up air to the space is provided via a supply fan of 1120 mm diameter.

The Company has also installed the control panel, which activates and adjusts fan speeds according to the CO levels detected within a period of time.

Fire and smoke detection

The system will respond to fire and smoke detection with an emergency smoke clearance mode. It is designed for optimum management of the system with “on demand” control for individual fans and dampers.

Energy savings

Controlling fan activation and fan speeds in this way means substantial amounts of energy and unnecessary wear and tear can be saved.

Working to a very demanding project programme, Fläkt Woods completed the design, manufacture, supply and installation of the car park project within a 12 week window.



Jetfoils

The Fläkt Woods Jetfoil is available either as a high efficiency unidirectional, or as a truly reversible Jetfoil which will give approximately equal airflow and thrust in each direction.

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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The logo for Fläkt Woods, featuring the company name in a bold, green, sans-serif font. A stylized green swoosh or leaf-like shape is positioned behind the text, curving upwards and to the right.