



The Willis Building

51 Lime Street, London. EC3

"The building services equipment (boilers for heating, chillers for cooling) is all highly energy efficient and centrally controlled to maximize performance"

Willis Group Website
www.willis.com



The Willis Building



Glycol Secondary Refrigeration Unit



Glycol Secondary Refrigeration System



Willis Group Holdings (NYSE: WSH), the only global insurance broker with a UK Headquarters, has opened the doors of its breathtaking new 28-storey skyscraper in the heart of London's Financial district. The Willis Building, as it has been formally named, was designed by international architects Foster + Partners, and has already achieved status by accepting the 2007 New City Architecture Award for its unique architectural form and contribution to the streetscape and skyline of the City of London.

The Willis Building is a monument to our past, current and future success," said Joe Plumeri, Chairman and CEO of Willis Group Holdings. "It represents our commitment to stand tall as the change agent in the global insurance industry, challenging the status quo and modernizing the way we all do business while finding new and innovative solutions for our clients."

Hospitality also plays an important role within the building. Willis announce that they are proud to "welcome clients to their new home - a state of the art "greenscaper" which is testament to energy efficient sustainable architecture". Two main restaurants cater for both client and co-workers. The impressive Client Advocate restaurant on the 23rd floor hosts private dining facilities, whilst the One Flag Cafe on the 15th floor provides rest, relaxation and replenishment for Associates and colleagues.

The people at Willis had very firm ideas of what they expected from an environmentally conscious catering supplier and turned to Ed Bircham from FCSI Consultants Humble Arnold Associates for his advice and knowledge, and having compared the market, researching the technology available for a project of this scale, he

selected refrigeration equipment from one of the UK's leading energy conscious suppliers - Williams Refrigeration. David Ebdon (Hallmark) and Steve Langford (Williams) lead the project from the start and worked alongside Humble Arnold Associates and the construction team to ensure a neat finish.

This particularly demanding project saw the installation of seven walk-in coldrooms ranging from freezer rooms, preparation rooms to meat and fish storage rooms. Six of these rooms are installed on "level 15" and one on "level 22" with four remote Glycol chillers installed in the level 25 plant room. The interconnecting pipework proved a challenge, covering in the region of 100 metres including one impressive vertical rise of 50 metres alone. Williams Glycol chillers are uniquely designed to link a number of independently controlled units or fridges using a closed loop ring main carrying chilled Glycol circulated by an externally located pump. Totally foodsafe, Glycol retains its liquid properties resulting in increased performance and enviable cost savings.

For more information please call or visit our websites:



Humble Arnold Associates

0800 526 517

e: info@williams-refrigeration.co.uk



www.humblearnold.com

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