

ESS Opens London Office to Boost Support for Specifiers

Environmental Site Supplies (ESS) has opened an office in Central London to support increasing demand for SANYO's commercial air conditioning products. The office will specialise in handling all enquiries from London specifiers and provide solutions based on SANYO's extensive range of equipment.

In addition to a full range of electric VRF heat recovery and heat pump systems, ESS has seen a dramatic increase in demand for its Gas Driven VRF system, particularly for applications in Central London where there is often insufficient provision of a suitable electrical supply.

ESS is also aware that clients are increasingly looking to utilise the inbuilt control features available on SANYO's air conditioning systems. Units are more commonly integrated with building management systems or SANYO's web based intelligent controller to enable, along with many other functions, landlord tenant billing, energy monitoring and remote alarm indication.

Jeremy Garzolini will manage the new London office, having already spent 3 years in the area applying SANYO's commercial air conditioning products. The new office, at 8 Duncannon Street, will provide a base and a meeting place for ESS's team of consultant sales engineers when they visit clients in London. ESS now has the facility to carry out product presentations and CPDs at a conveniently central location. ESS has existing offices Sutton and Rainham in Kent.

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For further details contact Jeremy Garzolini, ESS Ltd, 8 Duncannon Street, London WC2N 4JF. Tel 0207 484 5315. Email: jgarzolini@essaircon.com

Environmental Site Supplies Limited

Environmental Site Supplies Limited (ESS) was formed in 2000 and was the first UK distributor appointed by SANYO following the establishment of their first UK Sales office. Prior to 2000, the Directors and staff of ESS had acted as UK agents for SANYO from 1996. This means that many of the current ESS staff have over 10 years experience with selecting and designing air conditioning solutions using Sanyo equipment

ESS Offices

London

Golden Cross House, 8
Duncannon Street, London,
WC2N 4JF
T. 020 7484 5316; F. 020
7484 5129

Rainham

6 The Courtyard, Holding
Street, RAINHAM, Kent, ME8
7HE
T. 0845 880 5860; F. 0845
880 5861

Sutton

53 Stonecot Hill, SUTTON,
Surrey, SM3 9HJ
T. 0845 880 5862; F. 0845
880 5863

www.essaircon.com



8 Duncannon Street



Air conditioning with a 13 amp plug!

SANYO gas driven air conditioning is at the heart of an inspired solution to a complex set of problems on a recent project for The Crown Estate.

Consultants Watkins Payne Partnership was commissioned to devise the most appropriate heating and cooling solution for a 1,200m² office refurbishment in Savile Row, London. The first issue was a lack of available power to provide the essential air conditioning for the building. Meanwhile, a desired completion date, left insufficient time to negotiate and obtain an increased power supply, so presenting a major dilemma for the project team at the design stage.

Added complications included restricted floor to ceiling heights and the property's location in a conservation area where the integration and concealment of building services was required.

The solution needed a system that would work within minimum ceiling void depths, with services passing through existing structural beams. It would also have to be flexible for letting, and efficient in operation. These criteria led Watkins Payne Partnership to recommend SANYO's Gas Driven VRF equipment. This advanced technology is ideal for those applications where installing substations would involve significant loss of usable floor space or where power upgrade would demand considerable expenditure on infrastructure.

SANYO's GHP range of VRF systems uses a new heat reclaim heat exchanger, allowing a system in cooling to supply waste heat from the engine into the hot water system, improving overall efficiency and COP. The ECO G is the only GHP range in Europe to use mains gas or LPG as its main power source, and single-phase electricity for start-up and fan operation. It provides the ideal solution for operators

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facing a short-fall in power. Due to its advanced technology and design SANYO GHP requires no defrost cycle. This ensures it can provide continuous 100% heating performance even in severe weather conditions with an outside temperature as low as -20°C, while consuming less gas and electricity than comparable air conditioning systems.

This solution means that the main cooling plant for this project only requires a 13 amp single phase supply, and maintenance of the gas fired engine is fairly minimal. This was obviously a huge benefit when considering the correct system for this very special office building.

Client:
The Crown Estate
Architect: Hawkins Brown

Project Manager:
Cushman & Wakefield

Cost Consultant:
Hoher Associates

For further information on SANYO VRF systems:
please contact Stephen Milliner, partner, Watkins Payne Partnership,
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