

Invisible comfort

Maximum energy savings

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Air conditioning specialist Daikin extends its successful launch of the invisible VRV air conditioning system and introduces a higher capacity unit for larger city centre businesses.

The newest addition to the range follows on from the success of the VRV VI i-series 5HP, designed for light commercial use, which was launched last year. Specifically designed for cities, the VRV-VI i-series offers all the benefits of high comfort and high energy efficiency from a standard VRV IV system, but with the added advantage of virtual invisibility at street level.

Visible success

The VRV IV i-series continues to remain unique to the market, thanks to its innovative patented design. Its compact size enables maximum flexibility to install an 'invisible' unit, where building aesthetics are key or where planning restrictions and space limitations which have previously been a barrier to installing energy efficient air conditioning. One year after it was first launched, the VRV VI i-series continues to gain market momentum from businesses in cities across Europe. With successful installations ranging from city centre banks, with limited floor space, the preservation of a historic façade, to high rise towers to cope with access restrictions and rigorous building regulations. Across the UK to Italy, from Poland to France and Spain, the VRV IV i-series offers a solution where no other air conditioning system can.

Versatile and space-efficient

The unique split concept of the new VRV IV i-series, together with its lightweight and compact design, provides the advantage of discreetly installing both indoor and outdoor units unobtrusively and within proximity of each other. This removes the need to dedicate expensive floor space to the system, having to position the outdoor unit inconveniently away from the building to avoid visibility or invest in heavy installation costs and cause disruption.

The lightweight, compact compressor unit, uses only 600x554mm of floorspace (760x554mm for 8HP unit). With an exceptionally low noise, operating at 47dBA (56dBA for 8HP unit), the system has been designed to fit unobtrusively into



back office areas, storage rooms or kitchen cabinets to maximize commercial floor space. The equally compact condenser unit (only 397mm high) can be installed in ceiling spaces for a completely streamlined look and can operate in a commercial environment but serviced out of view from customers.

Providing easy access for maintenance without disrupting customers, or neighbors, the VRV IV i-series is quick and easy to install. Full compliance with planning and noise regulations makes the VRV IV i-series the ideal solution when new outlets need to be fast-tracked for opening.

Powerful performance with reduced running costs

The new VRV IV i-series 8HP offers the highest performance efficiencies available on the market. Incorporating the patented technology unique to Daikin which has established the VRV IV i-series as the watchword in efficiency and control for retail and light commercial applications in cities across Europe, the 8HP variant is capable of delivering a maximum capacity of 21.4 kW in cooling and 25 kW in heating achieving an EER of 2.80 and COP of 3.60 in nominal conditions.

The advanced design of the v-shaped heat exchanger, together with Daikin's innovative Variable Refrigerant Temperature provides a high seasonal efficiency saving up to 28% of running costs compared to standard systems.

Innovative Variable Refrigerant Technology (VRT) developed by Daikin for its next generation VRV IV system is also eliminates cold draughts, maintaining an even, comfortable environment all year round.

Complete package offers total control

The VRV IV i-series offers a total air-conditioning solution for retail and commercial businesses, allowing up to ten VRV indoor units to be connected, such as Daikin's unique auto cleaning roundflow cassette, air handling and ventilation units and Biddle air curtains for maximum savings and climate control.

The addition of Daikin's new intelligent Tablet controller offers retailers complete control over individual energy usage and comfort preferences, to be managed from a single point in store or remotely on-line.

The stylish touchscreen controller offers a discreet solution, providing centralised control for heating, cooling and ventilation, as well as third party integration with fire or security systems as window contacts, offering the potential to achieve significant energy savings. Connection through the Daikin Cloud Service allows remote access through any web-enabled device, with the capability to monitor and manage energy consumption for a single location or multiple sites for maximum economy and comfort.

Invisible efficiency and comfort

The expansion of the VRV i-series underlines Daikin's dedication to improving energy efficiency and comfort in the retail and commercial sectors, offering the latest advances in HVAC technology for buildings previously unable to access the benefits of higher



energy efficiencies due to their location and planning constraints. With new applications continuing to emerge, the launch of the VRV IV i-series 8HP offers the same advantages for larger users.

For more information, visit www.daikineurope.com/citysecret

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Editors' notes:

About Daikin Europe N.V.

Daikin Europe N.V. is a major European producer of air conditioners, heat pumps and refrigeration equipment, with approximately 5,500 employees throughout Europe and 10 major manufacturing facilities based in Belgium, the Czech Republic, Germany, Italy, Turkey and the UK.

Globally, Daikin is renowned for its pioneering approach to product development and the unrivalled quality and versatility of its integrated solutions. With more than 90 years' experience in the design and manufacture of heating and cooling technologies, Daikin is a market leader in heat pump technology. Daikin VRV and Daikin Altherma are the most sold heat pump systems in Europe, with over 500,000 systems delivered to date.

Media enquires to Daikin-News@sheremarketing.co.uk

