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Tweet	Modern comfort: #DaikinAltherma 3 R-32 11-16 kW series combines the latest #technology with award-winning design
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Contemporary comfort: Introducing the new Daikin Altherma 3 R-32 11-14-16 kW series

14 January 2019

The new Daikin Altherma 3 R-32 11-14-16 kW series offers an environmentally friendly heating solution for homes, combining the newest Daikin compressor technology with elegant, award-winning design.

The introduction of the Daikin Altherma 3 R-32 11-14-16 kW series extends the Daikin Altherma R-32 range, complementing the existing 4, 6 and 8-kW options to widen the choice of heating options available to suit individual homeowner comfort and efficiency requirements.

The Daikin Altherma 3 R-32 11-14-16 kW series is available as a single-phase version for reversible and heating-only applications. Achieving a leaving water temperature of up to 60°C at an ambient temperature of -10°C without the need for a back-up heater, the new series guarantees full operation down to -28°C. This, together with the compact design of the indoor units, makes it the ideal solution for new-build applications using underfloor heating and refurbishment projects requiring high performance to existing radiators. A low sound setting increases end-user comfort, while allowing use in sensitive urban areas.

More flexibility

The Daikin Altherma 3 R-32 11-14-16 kW series hydro-split outdoor models are connectable to a range of indoor units, including wall-mounted, integrated floor standing and integrated Bi-zone floor standing options.

Enhanced energy performance and increased peace of mind

Pioneers of the low GWP R-32 refrigerant, Daikin has the most extensive range available on the market. The Daikin Altherma 3 R-32 11-14-16 kW series is one of a family of home heating products running on the environmentally friendly refrigerant, which uses 30% less refrigerant charge to obtain an improved performance.



Designed for optimal efficiency as well as comfort, the Daikin Altherma 3 R-32 11-14-16 kW series offers increased seasonal efficiency up to A++, with up to 30% additional heating capacity compared to the previous series.

The new hydro-split outdoor units incorporate a larger surface area to the heat exchanger for improved performance and a gas injection inverter compressor for optimal energy usage. Sealed refrigerant circuits offer added reassurance by eliminating the risk of refrigerant leakage. Optimised multiple anti-freeze protection ensures system reliability in all temperatures. A number of anti-corrosion measures have been introduced for added protection.

Award-winning outlook

Winner of the Red Dot and IF Design Awards in 2018, the Daikin Altherma 3 R-32 11-14-16 kW indoor units offer a streamlined profile, finished in either grey or white. This is complemented by the striking look of the new Madoka controller, also an Award winner, which is available in white, silver or black to blend with any décor.

Easy installation and commissioning

In common with other Daikin Altherma systems, a prime consideration in the development of the Daikin Altherma 3 R-32 11-14-16 kW series has been to enable installers to specify, install and configure the new systems as simply and quickly as possible.

With water-connection only to the outdoor unit, no F-Gas license is required. The floor standing indoor units are delivered with all key hydraulic components factory-mounted. The reduced footprint of 595 x 600mm offers maximum flexibility in positioning, especially useful for boiler replacement projects and where space is limited.

Like the existing 4-8 kW models, both wall-mounted and floor standing indoor units in the 11-14-16 kW series provide easy access for installation and maintenance, with all hydraulic units mounted on top of the unit, and front access for servicing via a switchbox which hinges away for clear visibility and movement.

Commissioning is simple thanks to a quick wizard that enables completion in nine easy steps. Alternatively, commissioning can be completed remotely with on-site upload of settings from a USB stick.

Control from anywhere

The advanced system design provides easy control either locally or remotely via a smartphone app integrated with the home control system.



Setting new standards

Daikin is continually developing home heating solutions to offer homeowners the best in performance and fuel savings, while also setting the standard for good design.

With the launch of the new high capacity Daikin Altherma 3 R-32 11-14-16 kW series, Daikin can offer the widest possible choice in environmentally friendly R32 systems for home heating.

Launching soon: The new Daikin Altherma 3 R-32 11-14-16 kW series will be available from next month.

Ends



EDITOR 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.

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FURTHER INFORMATION

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