

## New R-32 Small Inverter Chiller extends Daikin Bluevolution range

The new air-cooled chiller and heat pump series offers cooling and heating capacities from 16 kW to 90 kW and completes Daikin's R-32 product family for commercial air conditioning. The capacity range, compactness, wide operating envelope, and the high energy efficiency are the main strengths of this new series.

“With our commitment to developing innovative solutions that can our customers reduce their environmental impact, we are proud to launch another great product. With less refrigerant charge than R-410A units and a low Global Warming Potential (GWP), the R-32 Small Inverter Chiller is an environmentally friendly solution. It is quick to install, easy to maintain and offers outstanding energy efficiencies”, says **Marco Flavio Calanca, Marketing Director at Daikin Applied Europe**. The series is distinguished by its efficiency levels, the best in the market, both in cooling and heating mode, and the lowest direct and indirect CO<sub>2</sub> emission levels.

### Engineered for versatility and performance

Its quiet operation, advanced connectivity and wide operating limits make the new R-32 Small Inverter Chiller an ideal solution for a wide range of HVAC projects – from comfort to process applications.

The **cooling only version** provides chilled water from 25 °C down to -15 °C and ambient temperature operation from -20 °C up to 45 °C as standard. An optional high ambient temperature kit allows the unit to operate in outside ambient temperatures above 45 °C and up to 52 °C.

**Heat pumps** are designed to cope with an extended ambient temperature range of -20 °C to 35 °C, and can produce hot water up to 60 °C.



Notable among the outstanding features offered as standard by this series are the Daikin design DC-Inverter Scroll compressors, the optimized copper-aluminum coils and the brazed plate heat exchangers. Also included within the unit are high efficiency Daikin design DC-Inverter fans with a selectable silent mode, and an inverter pump kit with both low and high lift variants.

## Smart Control solutions

Daikin has worked to offer the most advanced features in terms of connectivity and monitoring. The **Smart Control solutions** for this Series are specifically designed to reach the highest level of performance and system flexibility. The R-32 Small Inverter Chiller can communicate with any external Building Management System (BMS) and offers the master and slave option as a standard – allowing the sequencing and connection of up to 4 units to include the designation of one as the master unit.

The new series also stands out for its enhanced ability to connect to the Internet through the Internet of Things. A dedicated **Mobile Configuration App** makes commissioning extremely fast and easy.

The Smart Control Solutions for the new Small Inverter Chiller also include **Daikin on Site**, remote monitoring and system optimization within the Daikin proprietary cloud platform, which ensures full control of the units through detailed monitoring, online alarm troubleshooting and remote control.

## Leader in R-32 technology

The new series consolidates Daikin's leadership in the design and development of products featuring R-32 refrigerant. In 2018, Daikin was an early innovator and made history by introducing the first R-32 refrigerant chillers, followed by free-cooling scroll units the same year, and the R-32 Heat Pump in 2020.



Today, Daikin leads the market, with the highest number of R-32 installations in the world – a testimony to Daikin’s experience and knowledge, together with the quality and reliability of its R-32 products. With the introduction of the new R32 Small Inverter Chiller, the global brand continues to provide future-oriented, sustainable solutions for the Air Conditioning sector.

For more information visit [Daikin’s chiller portfolio](#) or watch the video on our [YouTube](#) channel.

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## About

### Daikin Europe N.V.

Daikin Europe N.V., Daikin Central Europe’s mother company, is a major European producer of air conditioners, heat pumps and refrigeration equipment, with approximately 10,000 people employed throughout Europe and 14 major manufacturing facilities based in Belgium, the Czech Republic, Germany, Italy, Turkey, Austria 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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