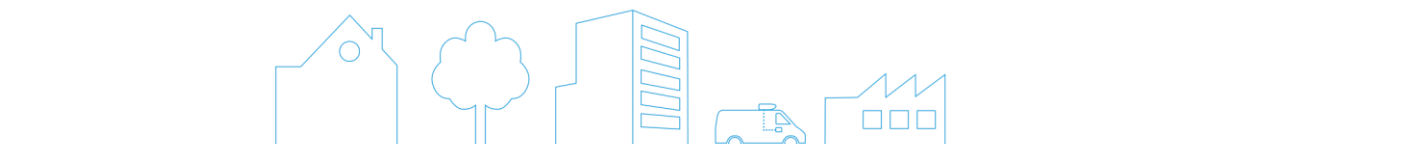


Discover the new Daikin EWYE-CZ heat pump: high temperature, low carbon, maximum efficiency

Brussels, 20 November 2024 – Daikin is introducing a groundbreaking new heating and hot water solution, the EWYE-CZ air-to-water Inverter heat pump. Equipped with Daikin's Inverter Scroll compressor technology, the EWYE-CZ uses the low Global Warming Potential (GWP) R-454C refrigerant to meet first class energy efficiency and sustainability standards. The new heat pump produces hot water up to 70°C, making it the ultimate solution for low carbon residential and commercial heating needs. Designed and manufactured in Europe, it has the potential to redefine heating solutions altogether.

Key Features of the EWYE-CZ

- Wide operating range for various heating needs
- Advanced Inverter Scroll compressor technology
- Compactness and ease of installation
- Low carbon R-454C refrigerant



New features and capabilities

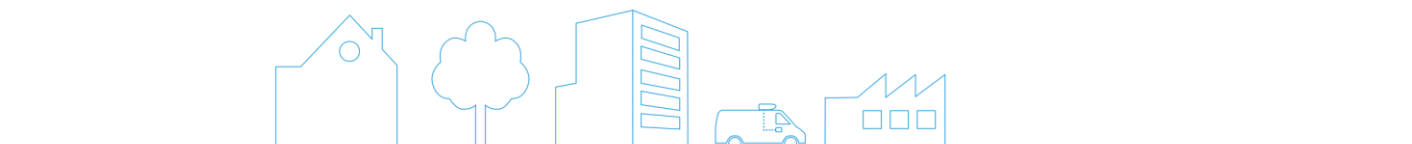
The EWYE-CZ offers heating in various applications and allows to produce domestic hot water. The range is available in **8 sizes from 16 kW to 70 kW**, all equipped with **Daikin Inverter Scroll Compressor technology**. The operating range provides **hot water temperatures from 20°C to 70°C**, effectively functioning under diverse environmental conditions and operates in **ambient temperatures ranging from -25°C to 40°C**. Additionally, it can function with a significant temperature difference between the water entering and leaving the system (ΔT), ensuring that hot water can be supplied to different heating applications within the system. Featuring an **anti-legionella control function** for the external tank it is a great solution for hospitals, hotels, and residential buildings.

The new EWYE-CZ inverter is available in **three compact versions** with one to four inline fans. It features an **integrated inverter water pump for easy installation and space optimisation**. Boasting high performance, the unit requires minimal floor space, making it ideal for areas with limited space. A low-noise version is available for noise-sensitive areas.

This range uses the low carbon refrigerant R-454C classified as A2L according to ISO 817 and ASHRAE 34 standards and includes one or two independent refrigerant circuits. R-454C has low toxicity and flammability, eliminating the need for additional safety measures, making this a comprehensive decarbonisation option available on the market.

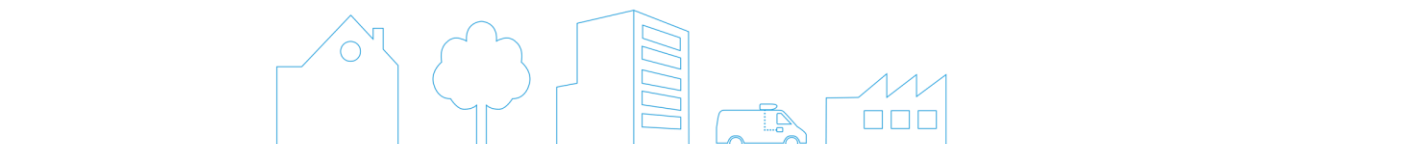
More benefits of the EWYE-CZ

1. **High Efficiency & Low Running Costs:** Daikin full Inverter technology ensures high efficiency and low running costs. The combination of Daikin Inverter Scroll compressors and Inverter Driven Fans makes the new R-454C small inverter heat pump a fully Inverter Driven range.
2. **High-Temperature Hot Water Production:** Vapour injection with an Economizer allows the supply of high-temperature hot water up to 70°C, making EWYE-CZ an ideal choice for residential applications, particularly in boiler replacement projects.
3. **Smart Control of Defrosting:** Daikin offers an optimised **Integrated Defrost logic** that can coordinate the operation of multiple units and prevent the defrost cycle from occurring simultaneously, reducing water consumption, and increasing customer comfort.
4. **Reliability and Customer Peace of Mind:** The fully inverter design ensures greater adaptability to the cooling and heating loads of the building, minimising the number of on-off cycles and extending the unit's lifetime.
5. **Stock availability:** this unit is available from stock and ready for immediate installation, ensuring fast and reliable delivery.



6. **Remote Monitoring and System Optimisation:** Daikin's proprietary cloud platform, Daikin on Site, allows remote monitoring and optimisation of system performance, as well as remote software updates.
7. **Smart Grid Ready:** a Smart Grid Ready box is available as accessory, allowing the integration of the unit's control in smart grid applications, maximising the use of green energy to run the Heat Pump.
8. **Green Building Contribution:** The EWYE-CZ can help earn project credits by improving the energy efficiency of hydronic systems, contributing to meeting BREEAM and LEED certification requirements.
9. **Low Carbon Solution:** The EWYE-CZ is an F-Gas-compliant solution that makes use of R-454C refrigerant, which has a Global Warming Potential of 145.5. significantly reduces both direct and indirect CO2 emissions compared with traditional heating systems.
10. **Flexibility:** The unit comes with a mounted hydronic kit to simplify the integration of Daikin heat pumps into water-based heating and cooling systems. Customers also have the option to order the unit without the kit.

For further product information, visit our dedicated page [here](#).



About Daikin Europe N.V.

The Daikin Europe group is the leading provider of heating, cooling, ventilation, air purification and refrigeration (HVAC-R) technology in Europe, Middle East, and Africa. Daikin designs, manufactures, and offers customers a broad portfolio of products, maintenance services as well as turnkey solutions for residential, commercial, and industrial purposes. To date, Daikin Europe has over 13,800 employees across more than 59 subsidiaries. It has 14 manufacturing sites in Belgium, the Czech Republic, Germany, Italy, Spain, Austria, the United Kingdom, Turkey, the United Arab Emirates, and the Kingdom of Saudi Arabia. Headquartered in Ostend (Belgium) for over 50 years, the Daikin Europe group is a subsidiary of the global group Daikin Industries.

About Daikin Industries Ltd.

Daikin Industries (DIL) is a worldwide leader in heat pump, air conditioning, and air filtration technology with more than 98,000 employees. Founded in Osaka in 1924, it is the only manufacturer in the world that develops and manufactures heating, ventilation, air conditioning, and refrigeration equipment, as well as compressors and refrigerants in-house. Daikin was named one of the world's top 100 most innovative companies by Clarivate (UK) and LexisNexis (USA), recognized for its leadership in technology research and intellectual property patents. For its fiscal year 2023 Daikin reported a record sales result of € 28 billion sales (1 April 2023 – 31 March 2024).

Read more on www.daikin.eu and www.daikin.com.

Media Contacts Daikin Europe N.V.

Kevin Viader – Mail: viader.k@bvl.daikineurope.com

