

Sustainable heating for every home: Meet the new, whisper-quiet Daikin Altherma 4 H

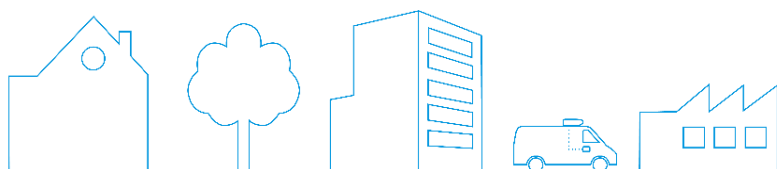
Vienna, September 2025 – Daikin's new Altherma 4 H combines over a century of Japanese innovation with European design and manufacturing. It's a future-ready heating solution tailored to the needs and lifestyles of today's families and homes. Using the natural refrigerant R-290, this next generation air-to-water heat pump sets a new benchmark in energy efficiency, sustainability, quiet operation and comfort, making it the ideal choice for both new builds and renovation projects.



Saving energy bills and driving EU decarbonisation plans

Buildings account for around 40% of the EU's total energy consumption, making the heating and cooling sector a key focus in the journey towards Europe's decarbonization.¹⁾ Sustainable heating and cooling will also play a central role in National Building Renovation Plans,²⁾ which all EU countries must submit to the European Commission by end of 2025.

That's where sustainable solutions like the Daikin Altherma 4 H come in: Whether renovating an older home or planning a new build, choosing an energy-efficient heat pump system like the Daikin Altherma 4 H – for heating, cooling and hot water supply – helps reduce the carbon footprint of



homes and occupant's energy bills. With top-tier efficiency of up to A+++, whisper-quiet operation, and reliable year-round performance, it's a future-ready solution that brings comfort and sustainability together.

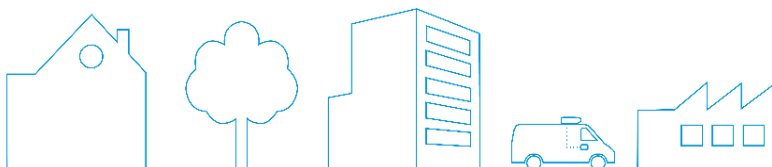
Flexibly for any application

The Daikin Altherma 4 H heat pump system provides heating, hot water and optional cooling for added comfort.

Renovation: It is suitable for unrenovated properties up to 178 m² and renovated buildings up to 296 m². Since hot water temperatures of up to 75 °C can be generated, the heat pump can be combined with existing radiators and serves as an ideal alternative to conventional gas or oil heating systems. With the natural refrigerant R-290, it also supports sustainability goals while ensuring high efficiency and low environmental impact.



New build: Ideal for detached and semi-detached houses, apartment buildings, and new builds up to 590 m², it delivers reliable heating all year round – with optional cooling for added comfort. Its standard configuration supports up to 410 m², making it suitable for 5-10 residential units or 5-30 occupants. The system pairs perfectly with underfloor heating, heat pump convectors or radiators, features a stylish and whisper-quiet outdoor unit, and ensures low running costs with easy installation.



Made in Europe for Europe

“All Daikin residential heat pumps, including the new Daikin Altherma 4 H, are designed and manufactured in Europe. The outdoor units are produced at Daikin’s state-of-the-art factory in Łódź, Poland, while the indoor units are assembled in the Czech Republic and Germany. This European production ensures high quality standards, fast delivery, and quick support for customers across the region.” **Seref Isildak, General Manager Strategic Business Unit Residential at Daikin Central Europe.**

Daikin’s commitment to innovation is backed by a strong R&D footprint in Europe, including its European Development Center (EDC) for heat pump and refrigeration technology in Ghent, Belgium. During product development of Daikin Altherma 4 H, special focus was placed on energy efficiency, safety, and whisper-quiet operation – essential for urban homes and sensitive environments. All sound levels are rigorously tested in **Daikin’s in-house acoustic laboratories.**



Daikin Altherma 4 H air-to-water heat pump brought to test at in-house acoustic laboratories

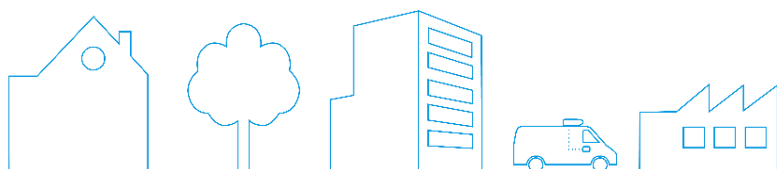
Key benefits of the Daikin Altherma 4 H heat pump

Whisper-quiet comfort

With ultra-low noise levels (just 28 dBA) it’s the perfect heat pump system for city homes and sensitive environments.

Maximum efficiency, minimal bills

Rated A+++ for heating, it delivers hot water up to 75°C while cutting energy costs year-round.



Reliable heating in any weather

Performs flawlessly even at -28°C. Ideal for both renovations and new builds.

Eco-friendly & future-ready

Powered by R-290 refrigerant with ultra-low global warming potential (GWP).

Made in Europe

Designed and built in Europe, Daikin Altherma 4 H meets highest EU standards.

Smart home integration

With the Daikin Onecta app control of heating performance is possible anytime, from anywhere. It works with Alexa and Google Assistant.

References:

- 1) [In focus: Reaching the EU's energy efficiency target](#)
- 2) [National Building Renovation Plans](#)
- 3) BRG BUILDING SOLUTIONS – June 2025 report / data 2024

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About**100+ years Daikin**

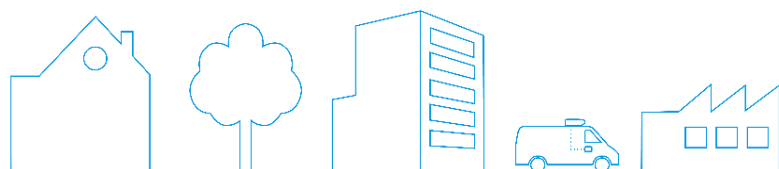
The story of Daikin has always been shaped by groundbreaking ideas, technological innovations, and dedicated people. It began in 1924 when the young Japanese engineer Akira Yamada founded an enterprise in Osaka to manufacture aircraft radiators with a 15-member team. More than 100 years later, the Daikin Industries group brings **future-proof solutions for heating, cooling, ventilation, air purification, and refrigeration (HVAC-R) to global markets**. 103,500 employees in 173 countries continue the company's legacy of leading technologies to advance low carbon heating and cooling, while ensuring the highest level of comfort.

Read more on [100 Years Daikin](#)

Daikin Industries Ltd.

Daikin Industries is a **global leader in heat pump, air conditioning and air filtration technology**, employing more than 103,500 people. Founded in Osaka in 1924, it is the **only manufacturer in the world that develops and manufactures HVAC-R equipment, compressors and refrigerants in-house**. Daikin has been recognized as one of the world's top 100 most innovative companies by Clarivate (UK) and LexisNexis (USA) for its leadership in technology research and intellectual property patents. For its fiscal year 2024 (1 April 2024 – 31 March 2025) Daikin reported a record sales result of 28,98 billion euro sales.

Read more on www.daikin.com



Daikin Europe N.V.

The Daikin Europe group is a **leading provider of heating, cooling, ventilation, air purification and refrigeration technology** across Europe, the Middle East, and Africa. Daikin Europe caters to a diverse customer base within the region by designing, manufacturing, and marketing an extensive range of products, maintenance services, and turnkey solutions tailored **for residential, commercial, and industrial applications**. The group employs over 13,800 people across more than 56 subsidiaries and operates 15 manufacturing sites in Europe (12), Turkey (1) and the Middle East (2). Refrigeration products from Daikin include the brands Daikin, Tewis, Zanotti, Hubbard, and AHT. Headquartered in Ostend, Belgium, for over 50 years, the Daikin Europe group is a subsidiary of Daikin Industries Ltd.

Read more on www.daikin.eu

Daikin Airconditioning Central Europe

Daikin Airconditioning Central Europe, founded in 1999 with its headquarters in Vienna, Austria, operates as a subsidiary of Daikin Europe. Its portfolio includes **products and total solutions for heating, cooling, ventilation, air purification, and refrigeration in residential, commercial, and industrial settings**. With over 700 employees and 3,400 partners, the company manages sales and service activities across **16 countries in Central and Eastern Europe**, including Austria, Albania, Bosnia and Herzegovina, Bulgaria, Croatia, the Czech Republic, Hungary, Kosovo, Montenegro, Moldova, North Macedonia, Poland, Romania, Serbia, Slovakia, and Slovenia.

With 'Your Daikin World' at the Vienna headquarters and the 'Daikin Inspiration Park' in Warsaw, the HVAC-R industry and the construction sector have access to two state-of-the-art B2B-experience centers for co-creating customized solutions for hotels, retail, offices, and large commercial applications. Daikin runs ten out of 141 B2B-training centers across the EMEA region in the CE-region. Consumers and homeowners receive consultations at four B2C-Experience centers in Vienna, Belgrade, Bratislava and Budapest.

Read more on www.daikin-ce.com

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