

The renovator's choice



DAIKIN ALTHERMA
HIGH TEMPERATURE
HEATING & DOMESTIC
HOT WATER

END USER LEAFLET

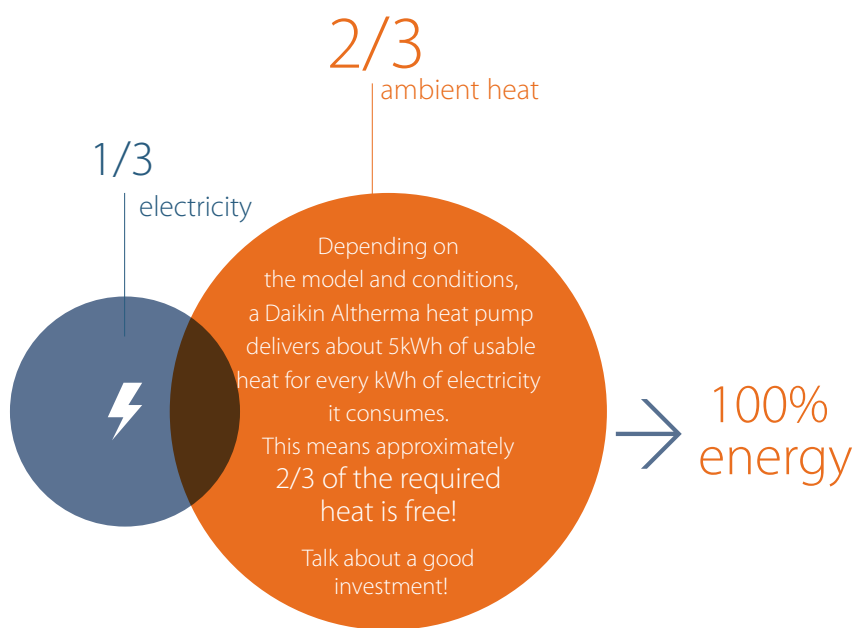
Four benefits of the Daikin Altherma high temperature heat pump

- ✓ Ideal for high temperature radiators
- ✓ Easy replacement of existing boiler, without any other changes to the existing heating system
- ✓ Domestic hot water with low energy consumption
- ✓ Easy control



The perfect solution for renovations

The Daikin Altherma high temperature system offers heating and domestic hot water for your home. **Replacing a traditional boiler, it connects to the existing piping allowing you to keep your current hydraulic connections and emitters.** The Daikin Altherma high temperature system is therefore the ideal solution for renovations. The split system consists of an outdoor unit and an indoor unit and can be completed with a solar connection.



The Daikin Altherma heat pump uses a sustainable energy source: extracting heat from the outside air. In a closed loop containing a refrigerant, a thermodynamic cycle is created through evaporation, condensation, compression and expansion. This “pumps” heat from a lower to a higher temperature level. Via a heat exchanger the heat gained is transferred to your home’s central heating.

The high efficiency system

Daikin Altherma can heat your home up to 3 times more efficiently than a traditional heating system based on fossil fuels or electricity. By making use of the heat in the outside air, the system uses much less energy while you enjoy a stable and pleasant level of comfort. Also, maintenance requirements are minimal, keeping operational costs low.

Ideal for high temperature radiators

If your renovation includes retaining your existing high temperature radiators, then your new heating unit will need to produce water temperatures of up to 80°C for the radiators to operate properly. This is where the Daikin Altherma high temperature system, with its **two heat pumps**, is the ideal solution. One heat pump is in the outdoor unit to extract heat from the outside air. The other is in the indoor unit to transfer the heat through radiators and for the use of domestic hot water. Together they raise the outflow temperature of the water up to 80°C, which is ideal for **high temperature radiators and fan coil units** to provide optimum comfort in even the coldest climates.

The Daikin Altherma high temperature system is available in different capacities to suit all house sizes. No matter what the configuration, the system can be attached to the centrally or individually controllable radiators and other heat emitters.

All in all, this makes the Daikin Altherma high temperature system the most efficient solution when keeping your existing radiators and pipe work. *

* COP (Coefficient of Performance) of up to 3.08
EW: 55°C; LW 65°C, Dt 10°C; 7°CDB/6°CWB



Indoor unit and domestic hot water tank can be stacked

Easy replacement of existing boiler, without changing heating pipes

Daikin have designed the Daikin Altherma high temperature system not only to be highly efficient but also to be **easy to install cost effectively**. The pipework to connect the indoor unit and tank to the outdoor unit is kept to a minimum but **the real cost saving** is that the system has been designed specifically **to work with existing** radiators making it ideal for renovations and eliminating the need for additional expense of changing the heating system.



Outdoor unit



Domestic hot water, for lower energy consumption

Daikin Altherma's high water temperature is ideal for heating domestic hot water without the need for an additional electric heater. Rapid heating of domestic hot water also means smaller heaters are needed. For a family of approximately four people, the standard tank (200l) is the best solution. Should you require more hot water, a larger tank (260l) is also available. The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if only limited height is available.

Solar connection

The Daikin Altherma high temperature heating system has the option of using solar energy for hot water production. If the solar energy is not required immediately, the purpose-built hot water tank (EKHWP) can store large quantities of heated water for later use as domestic hot water or for heating.

Easy control

With Daikin Altherma's user interface, your ideal temperature can be easily, quickly and conveniently controlled. It allows to regulate and optimize your comfort in an energy efficient manner.



Daikin, your reliable partner

Daikin is the market leader in climate conditioning systems – for private homes as well as for larger commercial and industrial spaces. We make every effort to ensure that you are 100% satisfied.

High-quality, innovative products

Innovation and quality are constantly in the forefront of Daikin's philosophy. The entire Daikin team is trained to provide you with optimal information and advice.

A clean environment

When you bring a Daikin product into your home, you are also making a significant contribution to the environment. In producing your comfort system, we strive for sustainable energy consumption, product recycling and waste reduction. Daikin rigorously applies the principles of eco-design, thus restricting the use of materials that are harmful to our environment.

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Daikin Altherma High Temperature units are not in scope of the Eurovent certification programme.

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