

Daikin Altherma 3 H MT/HT

The quintessence of heat pump



- ➔ Ideal for renovation and boiler replacement
- ➔ Keep your heating installation and radiators

Mid to high temperature air-to-water heat pump

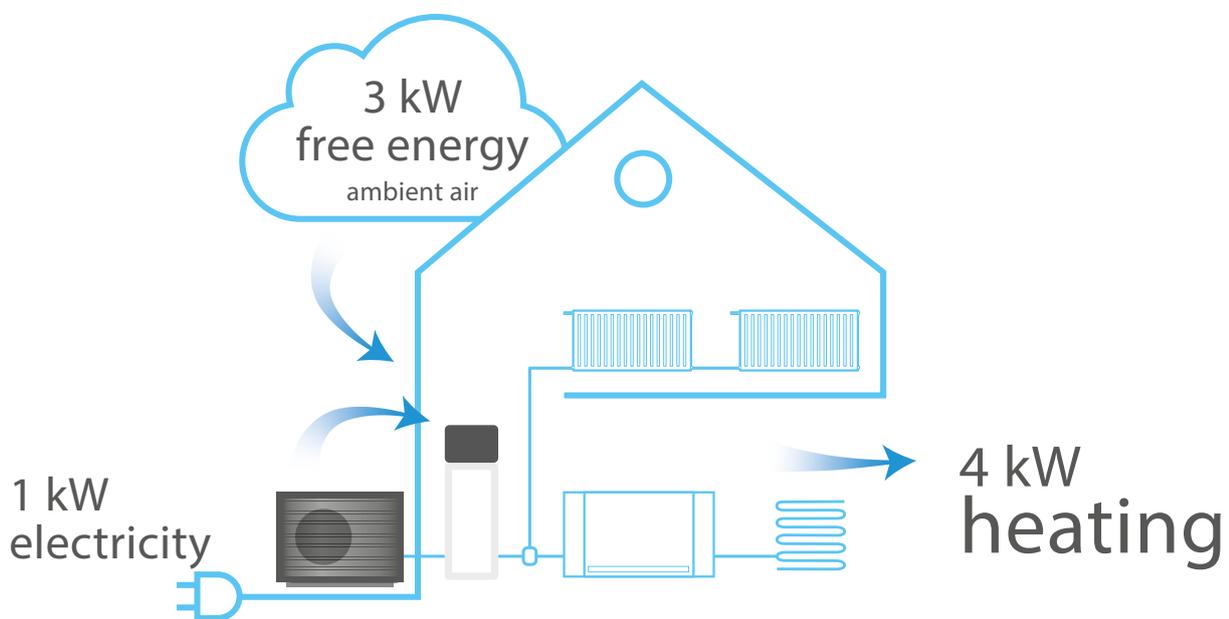
Heating, cooling and domestic hot water



Why choose Daikin Altherma air-to-water heat pump?

How does it work?

The Daikin Altherma outdoor unit extracts up to 75% of its energy in the outside air to provide heating, cooling and hot water, while the rest is provided by electricity. The air-to-water heat pump relies on a compressor and a refrigerant to transfer the energy from the air to the water, and heat the water up to your needs and to deliver it into your house.



Highest energy label

Air-to-water heat pumps are among the most economical heating solutions. By relying on air to answer your heating, cooling and domestic hot water needs, the heat pump achieves the highest energy labels.



Daikin Altherma 3 H MT/HT

Invented to replace boilers

Make the jump and install a heat pump

The Daikin Altherma 3 H HT is a perfect fit for your renovation project. Because it delivers a leaving water temperature of 70°C, similar to your boiler but without the use of an additional electrical back-up heater, you don't need to replace your radiators. Changing your heating system from a boiler to Daikin Altherma 3 H HT will help you save space. Our floor standing model has a very small footprint of under 0.36m².

As a mid-temperature heat pump, Daikin Altherma 3 H MT delivers a LWT of 65°C, which can replace gas boilers and fit with recent radiators.

BEFORE



AFTER



A green investment

Moving from a boiler to a heat pump means switching to a totally green solution. No more fuel or gas is burned and electricity is produced in a renewable way; heat pumps generally reduce CO₂ emissions by 70%. The difference is visible on your bill, and the return on investment can occur after just one year!



Designed to withstand the coldest climate conditions



Made in Europe, for Europe

European weather can be tough sometimes. That's why we designed the Daikin Altherma 3 H MT/HT to work in "heat pump" mode only down to -28°C outside temperature.

Heating capacities are also maintained down to -15°C outside temperature. This performance is achieved thanks to genuine Daikin technology.

As the market leader, Daikin is always striving to make the most reliable and efficient heat pumps possible. Daikin developed the Bluevolution technology to achieve higher and greener performance. This technology is now part of all new products such as the Daikin Altherma 3 H MT/HT.

The Daikin Altherma 3 H MT/HT is the first Daikin outdoor unit with a distinctive design. Its single fan reduces the noise level and its black front grill makes the unit fit into any environment.

All these dedicated components were specially developed in-house to make the Daikin Altherma 3 H MT/HT unique.

Superior performance, renewable energy use, design and acoustic comfort. This is what the Quintessence of heat pump is all about.

BLUEvolution

The Bluevolution technology combines a specifically developed compressor and the R-32 refrigerant. Daikin is the first company in the world to launch heat pumps equipped with R-32. With a lower Global Warming Potential (GWP), the R-32 is equivalent in power to standard refrigerants, but achieves higher energy efficiency and lower CO₂ emissions.

Easy to recover and reuse, R-32 is the perfect solution for attaining the new European CO₂ emission targets.

R-32

Design and space-saving installation

Aside from the acoustic comfort, design is a decisive point nowadays. Specific attention was paid to making the outdoor unit blend in with your home.

The black front grill stretches horizontally making the fan inside invisible. The mat grey casing reflects the colour of the wall behind for more discretion. This unit received the IF and reddot design awards 2019.



reddot design award
winner 2019





Meeting modern society's expectations

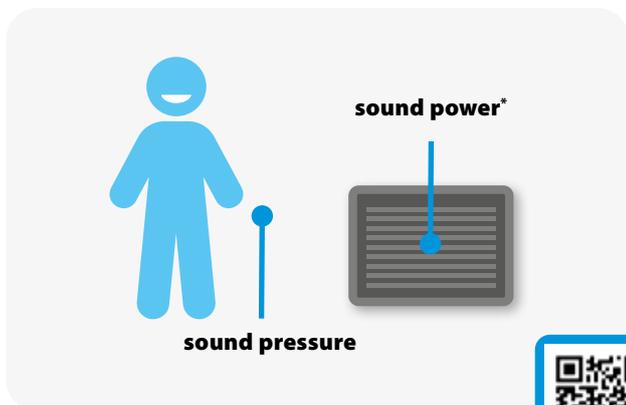
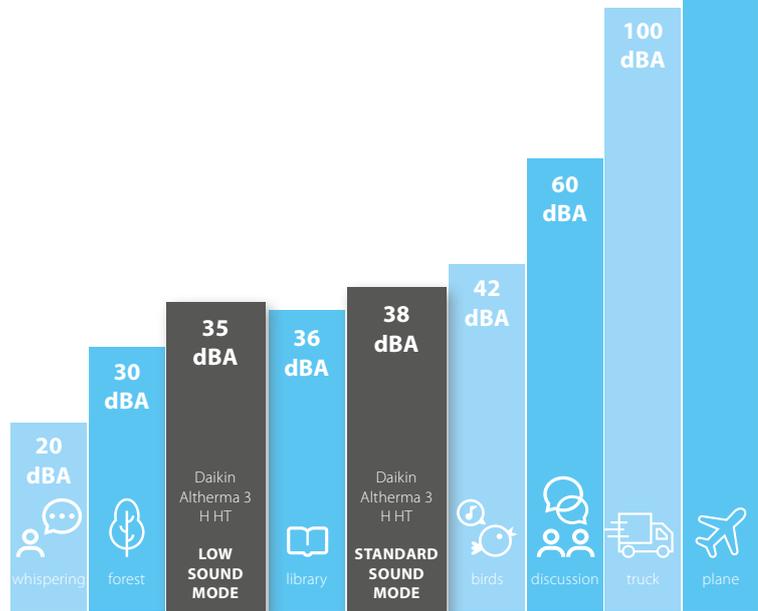
120 dBA

Silence rhymes with comfort

The Daikin Altherma 3 H HT has been designed to reduce its acoustic level and meet the expectations of today's society.

In standard sound mode, the unit produces a sound pressure of 38 dBA at 3 metres, so somewhere between birds chirping and the inside of a library.

The Daikin Altherma 3 H HT also offers greater flexibility by having a low sound mode that reduces the sound pressure at 3 metres to 35 dBA, representing a real reduction of half the sound level!



The acoustic level can be evaluated in two ways

- › The **sound power** is generated by the unit itself, independently of distance and environment
- › The **sound pressure** is the sound perceived at a certain distance. The sound pressure is usually calculated at between 1 and 5 metres from the unit.



Listen to the silence of our outdoor unit
 ← Check out the video !

* Erp sound power:

Daikin Altherma 3 H MT = 53 dBA

Daikin Altherma 3 H HT = 54 dBA

One solution, multiple combinations

The Daikin Altherma 3 H HT range can be combined with three different indoor units to connect to the outdoor unit, offering specific features to ensure heating, cooling and domestic hot water in your home.

Outdoor unit

The outdoor unit is available in classes 8-10-12-14-16-18 kW.



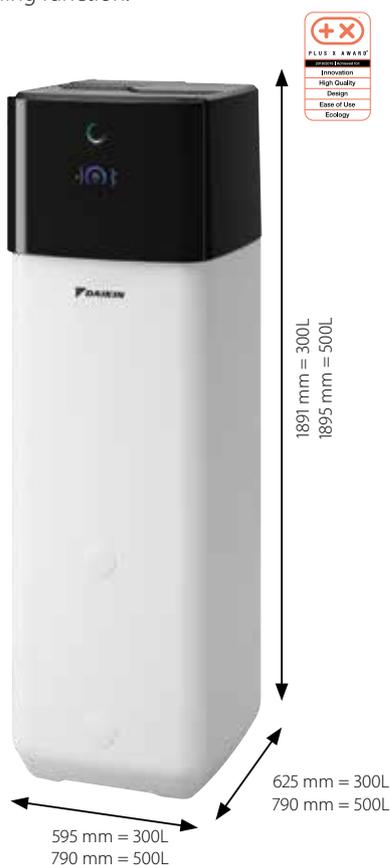
Integrated DHW stainless steel tank model

This model is a compact unit with a small footprint of 595x625mm. The unit is equipped with a tank of 180 or 230L to answer your domestic hot water demand. Optionally, you can choose the cooling or the bizon functions.



Integrated ECH₂O DHW tank model

The ECH₂O unit is equipped with a thermal DHW tank of 300 or 500L that can be connected to thermal solar panels. Optionally, you can choose the cooling function.



Wall mounted model

This model is the most compact unit but needs to be with a separate tank to deliver domestic hot water. Optionally, you can choose the cooling function.



Get the best comfort

with the best functionalities

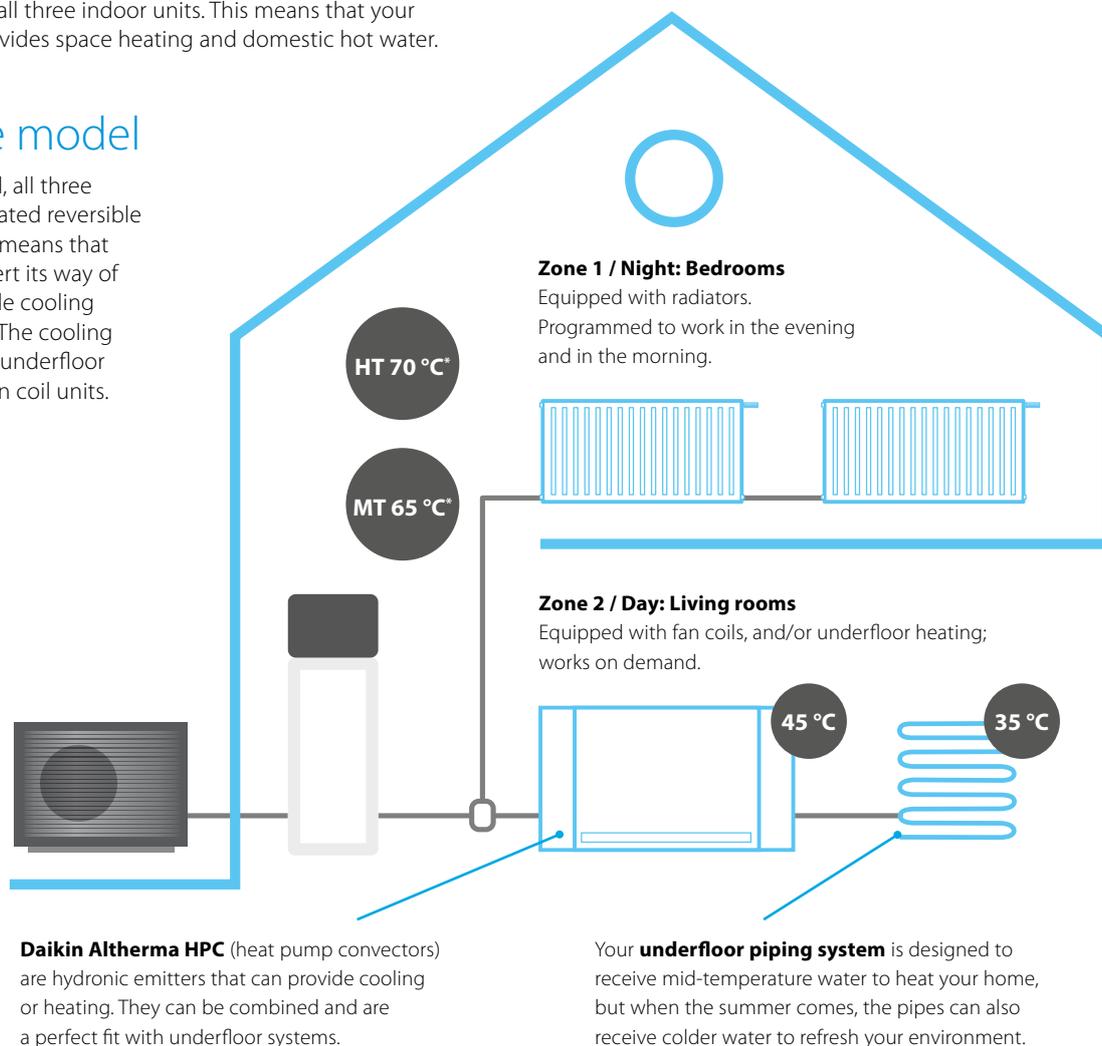
Choose from the Daikin "Three Pluses" the functionality that best fits your customer's needs. The indoor units come in 3 possible versions: heating only, reversible and bizone, giving you the opportunity to tailor your Daikin heating system.

+ Heating only model

The heating only model is standard in the Daikin product range and is available for all three indoor units. This means that your heating system provides space heating and domestic hot water.

+ Reversible model

If cooling is needed, all three indoors have dedicated reversible models. Reversible means that the system can invert its way of working and provide cooling instead of heating. The cooling function requires a underfloor piping system or fan coil units.



+ Bizone model

Only the DHW stainless steel tank model has a dedicated bizone model: you can choose two independent zones with different emitters that need a different temperature level in different rooms (example: underfloor system in the living room and radiators in the bedroom upstairs).

The 2 zones can also be managed independently: deactivate heating on the first floor during the day in order to reduce over consumption.

* Daikin Altherma 3 H HT models (14-16-18 classes). Daikin Altherma 3 H MT produces a LWT up to 65 °C.



Onecta App, now available with voice control

Manage your heating system from your smartphone.

Voice control

To provide users with even more comfort and ease, the Onecta App now offers voice control. This hands-free feature cuts down on clicks to manage units faster than ever before. Cross-functional and multilingual, voice control pairs well with any smart device, including Google Assistant and Amazon Alexa.

Schedule

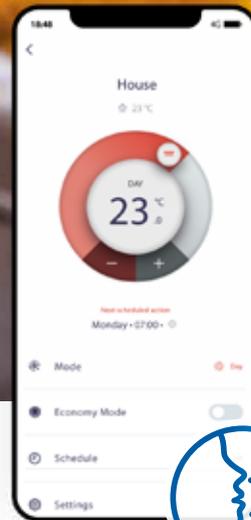
Set up a programme outlining when the system should operate, and create up to six actions per day.

Control

Customise the system to fit your lifestyle and year-round comfort levels.

Monitor

Receive a thorough overview of how the system is performing and how much energy it consumes.



onecta

Scan the QR code to
download the app now



Function availability depends on the system type, configuration and operation mode. The app functionality is only available if both the Daikin system and the app have a reliable internet connection.



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