

## Daikin Altherma High Temperature for Renovations

Heating - Domestic hot water

- » **Heating up to 80°C without electric heater**
- » **Easy replacement of existing boiler, without changing heating pipes**
- » **Combinable with high temperature radiators**
- » **Low energy consumption: best COP levels in its class (up to 3.08)**



# Daikin Altherma High Temperature FOR RENOVATIONS

## Air to water heat pump

### SPLIT SYSTEM:

#### A1/ OUTDOOR UNIT:

##### EFFICIENT USE OF ENERGY FROM THE AIR

Daikin Altherma uses a natural source of energy. The outdoor unit extracts heat from the outside air and raises its temperature to a level high enough to supply heating. This heat is transferred to the indoor unit via refrigerant piping.

#### A2/ INDOOR UNIT:

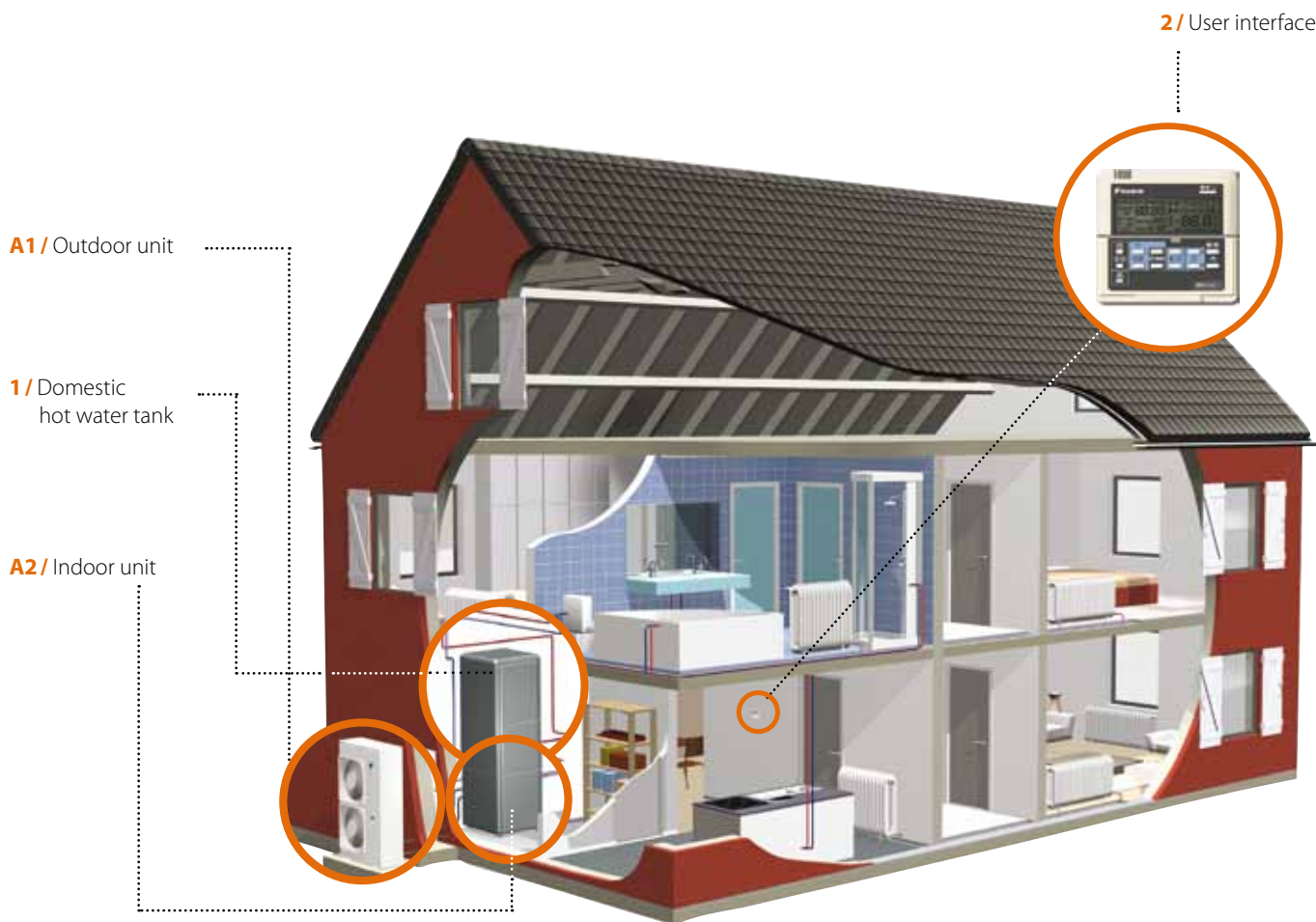
##### THE HEART OF THE DAIKIN ALTHERMA SYSTEM

The indoor unit receives the heat from the outdoor unit and further increases the temperature, allowing water temperatures up to 80°C for heating through radiators and for domestic hot water use. Daikin's unique cascade compressor approach to the heat pumps (one in the outdoor unit/one in the indoor unit) means optimum comfort at even the coldest outdoor temperatures, without the need for an electric back up heater.

### Available capacities for Daikin Altherma High Temperature Split

indoor unit / outdoor unit: EKHDRD-A / ER(R/S)Q-A

heating capacity: 11~16 kW



## EXTRA COMFORT

### 1/ DOMESTIC HOT WATER TANK: FOR LOW 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 boilers are needed. For a family of approximately 4 people, the standard tank (EKHTS200A) is the best solution. Should you require more hot water, a larger tank is also available.

### 2/ USER INTERFACE

With Daikin Altherma's user interface, the ideal temperature can be easily, quickly and conveniently regulated. It allows for more precise measurement and can regulate your comfort even more optimally and energy efficiently.

### 3/ HEATING AND DOMESTIC HOT WATER WITH SOLAR ENERGY

The Daikin Altherma High Temperature heating system can optionally use 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 up to a day for later use as domestic hot water or for heating.



### DID YOU KNOW THAT...

Daikin solar collectors are awarded with



the Solar Keymark certification.

The Keymark for solar thermal products is recognized all across Europe and helps users to select quality solar collectors. In most European countries this certification is even mandatory to be eligible for subsidies.

## DAIKIN, YOUR RELIABLE PARTNER

Daikin is the specialist in climate conditioning systems – for private homes as well as for larger commercial and industrial spaces. We make every effort to make sure 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 continually 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.



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

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



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