



The RenewAble choice for modern homes

Daikin Altherma Low Temperature
Split heat pump



Versatile and efficient, all year round

Daikin Altherma Low Temperature (LT) Split is a highly efficient air-to-water heat pump. Designed to withstand even the toughest winter climates, it's extraordinarily reliable, all year round. So you can count on remarkably low running costs.

Offering superb comfort and control for your heating and hot water, the Daikin Altherma LT Split system is available in either a wall-hung indoor unit and optional hot water cylinder or an integrated all-in-one floor standing unit. Both are connected to a compact and quiet outdoor unit that can be installed almost anywhere – up to 50 metres from your home.

Perfect for an energy-efficient new property, it's also suitable for replacing an older heating system. Wherever it finds a home, it will keep heating bills low while helping to reduce your carbon emissions and environmental impact.

Wall hung unit

- > Optional domestic hot water tank
- > Compact unit: 890 mm (height) x 480mm (width) x 344mm (depth)



Floor standing unit

- > Space saving design: 600mm (width) x 728mm (depth)
- > Available in two capacities:
 - 180 litre (1732mm height)
 - 260 litre (1922mm height)



Outdoor unit

- > Single fan: 735mm (height) x 832mm (width) x 307mm (depth)
- > Twin fan: 1345mm (height) x 900mm (width) x 320mm (depth)

Three key advantages

1. High efficiency (COP up to 5.04*) with typical annual efficiencies of up to 300%
2. Ideal for new properties and low energy homes
3. Reliable operation even when -25°C outside

* 4kW Daikin Altherma LT Split tested in accordance to EN 14511 at A7 W35 (COP 5.04)

A heat pump makes green energy a breeze...

A Daikin Altherma air-to-water heat pump uses heat from the outside air to warm a home's central heating and hot water system. Even when it's freezing outside, a Daikin Altherma air-to-water heat pump can extract heat from the air.

For every kilowatt of electricity the heat pump uses, it generates about 3-4 kilowatts of renewable heat from the air. Over the course of a year, it's up to 300% efficient (even the most efficient fossil fuel boiler is less than 100% efficient).

Best of all, your running costs could be lower when you choose Daikin, particularly if your home is heated by oil, LPG or electricity. So you can enjoy greener energy in your home, while saving on your bills too.

Trust us: the future of heating is here.

To find out how a heat pump works, visit our YouTube page [Youtube.com/daikinuk](https://www.youtube.com/daikinuk) and click on How a heat pump works - homeowner.



- > Heating: **A⁺⁺**
- > Hot water: up to **A⁺⁺⁺**



MCS HP0006

Other benefits

- > Easy-to-use controller
- > Frost protection features, no anti-freeze required
- > Delivers water temperatures up to 55°C
- > Available in 4 to 16kW models to suit any size of property
- > Versatile system for heating and hot water

The renewAble choice for your home

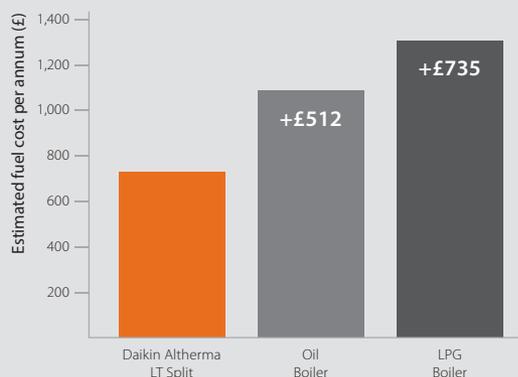


Daikin Altherma LT Split example

Semi-detached, 3/4 bedroom, 1950-1966

Heating and hot water demand approximately 14,000 kWh/year

**Estimated dRHI income:
£7,183 over 7 years ***



Assumptions:

Electricity price: 14.05 p/kWh (EST, Feb 2015)

Oil price: 6.902 p/kWh (www.boilerjuice.com, Apr 2013)

LPG price: 8.32 p/kWh (EST, Feb 2015)

LT Split: 16kW SCOP 3.46

Oil boiler: efficiency 90%

LPG boiler: efficiency 90%

* From spring 2017

The RHI calculations are correct at time of print, see back of brochure for print date

For your tailored RHI estimation, please visit www.daikin.co.uk/rhi/drhi-estimator-tool
For the most up to date information visit www.ofgem.gov.uk

For a future less reliant on fossil fuels

The price of fossil fuels goes up and down. Those fluctuations create uncertainty and no one knows quite what the future will bring. But one thing's for certain: the more renewable heat we can generate from fresh air, the better it will be for our environment – and for future generations.

Government funding is available

As an MCS accredited renewable heating system, the Daikin Altherma LT Split heat pump is eligible for funding from the domestic Renewable Heat Incentive (dRHI). Payable quarterly over seven years, the dRHI helps to offset the installation cost of renewable heating systems, making them an even better investment in our long term future.

Total comfort and control

Ideal for new properties and low-energy homes, the Daikin Altherma LT Split heat pump promises total comfort and control, while offering low operating costs. A user-friendly, backlit controller can be used

as the room thermostat and the settings can be commissioned by your installer for optimal comfort and efficiency.

Space-saving, user-friendly design

The space-saving system includes an outdoor unit, which can be sited discreetly up to 50m from your home. No special ground work is required and the dimensions of the Daikin Altherma LT Split meet the requirements of Permitted Development Rights, so planning permission is not needed for most installations.

Indoors, the compact wall hung unit is designed to work efficiently with underfloor heating, low temperature radiators and fan convectors. The optional hot water tank can also be combined with solar thermal systems to reduce the cost of hot water production even further.

Reliable and efficient all year round

The system delivers water temperatures of up to 55°C for reliable heating and hot water. Frost protection features and a back-

up heater included as standard mean that your system will provide constant heating and hot water all year round. It will even operate during extreme weather down to -25°C outside, with no anti-freeze required, giving you total peace of mind.

A hassle-free heating solution

Unlike with other systems such as oil or biomass, you don't have to worry about fuel deliveries, bulk buying or fuel storage. An air-to-water heat pump generates no waste that requires regular cleaning. With just a simple annual inspection and three years parts and labour warranty as standard (upon registration), you can count on the Daikin Altherma LT Split to perform efficiently, year after year.

Control anywhere at anytime

Take control of your heat pump even when you are away. The Smart Comfort Controller allows you to monitor and adjust your system via your smart device. Using the Daikin 'app' adjust the room and hot water temperatures, activate time schedules to suit your life style, switch between heating and cooling modes, enable holiday periods, and so much more.



Trust Daikin

You may never have heard of Daikin. After all, we don't make cars, TVs, fridges or washing machines.

But we do make world-class heat pumps. In fact, more than 400,000 Daikin Altherma heat pumps have been fitted across Europe since its initial launch in 2006.

Because we focus on doing only what we're best at: creating the most efficient heating, ventilation and air conditioning solutions, renowned for design excellence, quality and reliability.

So you can depend on Daikin for the ultimate in comfort, leaving you free to focus on the other essentials in your life.

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daikin.co.uk

Dedicated homeowner support line: 0845 641 9271

Heating installer line: 0845 641 9070

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