

Rethink the future of heating

Daikin Altherma Hybrid heat pump



Gas combi boiler + Heat pump = Daikin Altherma hybrid heating system

Smart logic

A hybrid solution for efficient heating and hot water

Daikin Altherma Hybrid heat pump is the most advanced way to replace your gas or LPG boiler – combining the familiarity of a boiler with the added efficiency of a renewable energy heat pump to give you the best of both worlds.

The Hybrid system automatically selects the most efficient mode for every operating condition. It chooses between heat pump, boiler and two hybrid modes to give you the most economical or ecological operating mode, based on your preferences.

The Hybrid system is quite simply the most innovative smart solution for all your heating and hot water needs – and can simply be connected to your radiators to replace your existing boiler. So isn't it time you started to rethink the future of heating?

Three key advantages

1. Two-in-one heating system for total peace of mind
2. Automatically selects the most energy-efficient operation
3. Keep your existing radiators and pipework

Other benefits

- > Maximum energy-efficiency for lowest running costs
- > Gives you stability from energy fluctuations
- > Eligible for the Renewable Heat Incentive
- > Fuss-free, fast installation
- > Industry-leading 3-year parts and labour warranty
- > Compact and space saving

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).

Combining both a heat pump and a boiler to provide the best of both worlds, Daikin's hybrid system is up to 35% more efficient than a conventional new gas condensing boiler – so your running costs could be significantly lower when you choose Daikin.

Trust us: the future of heating is here.



Rethink the future of heating



MCS HP0006

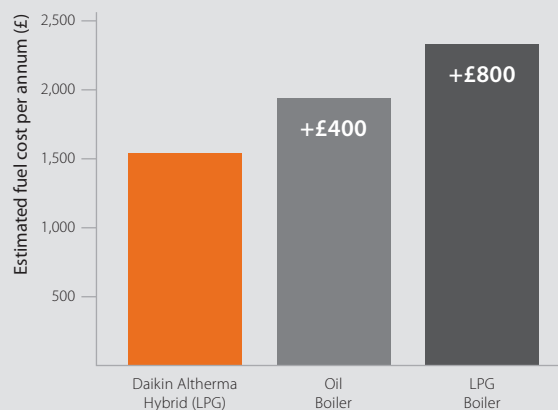


Daikin Altherma Hybrid example

Detached, 4/5 bedroom, pre 1930

Space heating demand approximately 25,000 kWh/year

Estimated dRHI income:
£6,050 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)

dRHI income and space heating demand from DECC dRHI calculator (www.renewable-heat-calculator.service.gov.uk)

Hybrid system: heat pump coverage 70%, SPF 3

Oil boiler: efficiency 90%

LPG boiler: efficiency 90%

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 Hybrid heat pump is eligible for funding from the domestic Renewable Heat Incentive (dRHI), when installed with metering. The dRHI payments are based on the proportion of renewable heat generated and paid quarterly over seven years. So it helps to offset the installation cost of a renewable heating system, making it an even better investment in our long term future.

Space-saving, user-friendly design

Perfect for any modern home, this space-saving system has an outdoor unit and a compact indoor unit that fits in place of a typical boiler. The indoor unit houses a combi boiler for homes with a single bathroom, or for homes with a higher hot water demand, it can be connected to a separate hot water cylinder. The system will work efficiently with existing radiators, underfloor heating and fan convectors and can also be combined with solar thermal systems to reduce the cost of heating even further.

Reliable and efficient all year round

The smart hybrid control logic automatically selects the most energy-efficient and cost-effective operation at any time, based on your energy tariffs. It maximises use of the heat pump to reduce your consumption of gas or LPG. A user-friendly, backlit controller is easy to operate and the settings can be commissioned by your installer for optimal comfort and efficiency.

Fuss-free installation

The Daikin Altherma Hybrid heat pump can be installed easily, with little disruption. If your old boiler has broken down, the new system can be up and running even before the heat pump has been commissioned, so your heating can be restored quickly. What's more, no special ground work is required and the dimensions of the Hybrid system meet the requirements of Permitted Development Rights, so planning is not needed for most installations.

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. A 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 Hybrid heat pump to perform efficiently, year after year.



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 250,000 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.

More than 250,000 Daikin Altherma heat pumps have been fitted across Europe since its initial launch in 2006.

daikin.co.uk

Dedicated homeowner support line: 0845 641 9271

Heating installer line: 0845 641 9070

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