



Energy for Change

Achieve a greener home with Daikin



For home comfort
without compromise

Trust Daikin



There are many things which make up the perfect home. Living with people you care about. Feeling secure. Being comfortable. And at Daikin, we're helping UK homeowners achieve complete home comfort, with our high-performing heat pump technology.

We've been dedicated to technological excellence for almost 100 years, offering the most efficient heating, ventilation and air conditioning solutions on the market – for purer air and tailored comfort in your home. Plus, all our world-leading technology is built with reliability in mind, meaning you can enjoy peace of mind that lasts for years to come.

We're not just committed to the future of home comfort: we're committed to the future of our planet. And we're doing everything we can to make a positive change.

By choosing our innovative heat pump technology, you'll be at the forefront of the UK's renewable heat movement.

More than 900,000 Daikin Altherma renewable heating systems have already been sold across Europe – and millions more homeowners have already placed their trust in Daikin for their home comfort needs.

When you choose a Daikin Sustainable Home specialist to install one of our heat pumps, not only can you save money in the long run: you'll be making a powerful change for a better future – for you, for your family, and for the planet.

Experience complete comfort without compromise, with Daikin technology. Together, we can all make a difference, and discover our own energy for change.

Table of contents

Introduction	4	Heat emitting technology	25
How do heat pumps work?	6	Controllers	26
Why choose a Daikin heat pump?	7	Air conditioning technology	28
Which kind of heat pump is right for me?	8	Daikin Emura	30
Heat pump decision guide	10	Daikin Stylish	31
Funding options	12	Air purifiers	32
Daikin Altherma hybrid heat pump system	14	Daikin Air Purifier	34
Daikin Altherma low temperature monobloc heat pump	16	Daikin Humidifying Air Purifier	35
Daikin Altherma low temperature heat pumps	18	Sustainable Home Network	36
Daikin Altherma high temperature heat pump	20	Your next steps to installation	38
Domestic hot water cylinders	24		

The path to a better future

The science on climate change is clear: human activity has already led to global temperatures rising by more than 1°C. While it might not sound like much, without swift action the impact of crises such as rising sea levels, crop failures and loss of biodiversity will be felt worldwide.

But positive change is already in motion.

Many of us are already doing our part to live more sustainably. You might recycle, compost your leftovers, cycle a little more or consume a little less.

And by 2050, the UK Government has set a target for our nation's greenhouse gas emissions to be cut by 80%. So low-carbon electricity generation is on the rise. Renewable wind and solar energy generation is growing. Already it's all helping us experience cleaner air, improved wellbeing and a healthier planet.

To ensure we reach our climate goals on time, more and more of our homes will rely on electricity and renewables for our heating and hot water, as we make the transition to low-carbon heating.

At the same time, better insulation, hotter summers and more people working from home all mean that comfort cooling is becoming an increasing necessity. And ongoing concerns about healthy indoor air mean that air purification technologies are more important than ever.

All of these challenges demand the most energy-efficient solutions possible. But together, we can all take important steps to create the energy for change.



Heating or cooling your home?

It's time for change

You can kickstart positive change, today, by making the switch to **Daikin heat pump technology**.

By using an energy-efficient heat pump to warm or cool your home, you'll enjoy all the comfort and control you expect, and save energy, while minimising your impact on the planet.

Whether you're retrofitting our technology to an older property, or looking to improve the carbon footprint of your modern home, we have a range of solutions designed to suit your needs – and our experts are on-hand to guide you at every stage.

In this brochure, you'll find answers to the most common questions our customers ask, including:

- › How do I know a heat pump is right for my home?
- › How do I decide which technology is best for me?
- › How do I get started?

Plus, we've included information about our full range of Daikin products, how they're installed and what support is available to help you make this change.

Because together, we can all do the right thing: for people, the planet and our future.

How do heat pumps work?

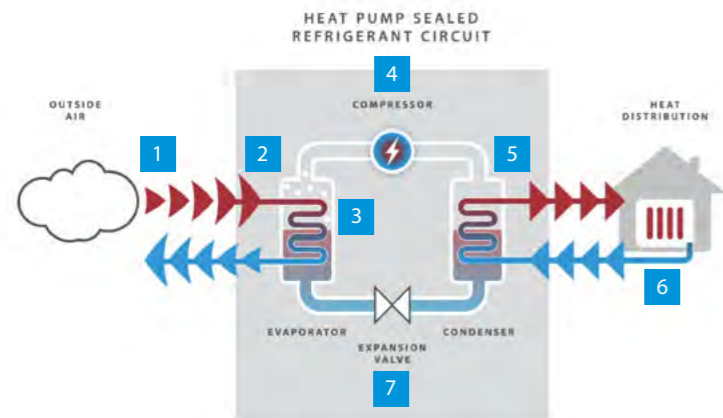
A heat pump extracts energy from one place – either from the air, the ground or a body of water – and transfers it to your home in an effective, sustainable way.

To make your home cooler, a heat pump operates similarly to your fridge, which **extracts heat from inside and transfers it to the outside** – that's why the back of your fridge feels warm.

To provide home heating, this process is simply reversed, and your heat pump will **extract heat from the ground, water or air outside your home** before transferring it inside, making your home warmer.

In the UK, it's rare for homes to be next to a large body of water, and ground-source heat pumps can be costly and disruptive to install in the ground around your home. That's why Daikin produces a range of **air-source heat pumps** with only a simple unit needed outside your home in combination with your heating system.

Here's a diagram explaining how our Daikin air-source heat pumps work in more detail:



1. Daikin's air-source heat pumps include an outdoor unit which extracts 'hidden heat' from the outdoor air. This isn't the type of heat we can feel – it's actually energy that's 'hidden' in the air's matter, and it needs to go through a specific process to be released.
2. In our air-source heat pumps – both air-to-air and air-to-water models – the outdoor unit extracts air from outside your home, which is then blown across an evaporator. Here, the air's hidden heat energy is absorbed by a sealed refrigerant circuit.
3. The heat energy increases the temperature of the refrigerant inside the circuit, before evaporating from a liquid to a gas. During this evaporation process, more energy is released, captured and stored.
4. The resulting refrigerant gas passes through a compressor and is pressurised, increasing its temperature even more.
5. The pressurised gas then passes into a condenser where the refrigerant cools and condenses back into a liquid, releasing the heat energy.
6. This heat energy is then released into your home, either via your radiators, convectors, air conditioning or hot water systems, depending on whether you've chosen an air-to-air or air-to-water model.
7. The liquid refrigerant passes back through an expansion valve to begin the whole process again.

The eco-friendly answer to heating your home

There are a few different types of heat pump. But they all have one thing in common: they're powered mainly by renewable energy, making them one of the most economical and eco-friendly heating solutions available today.

At Daikin, we recommend air-source heat pumps for UK homeowners looking to make a positive change.

We design some of the world's most eco-friendly, powerful air-to-water and air-to-air heat pumps – for minimum disruption to your everyday, and maximum benefit for your family.

Why choose a Daikin heat pump?

A Daikin air source heat pump extracts energy from the air and either connects to your central heating system (an air-to-water heat pump) or to indoor units that circulate air (an air-to-air heat pump). And the one that's right for you depends on whether you want heating, cooling, hot water, or a combination of options for your home.

Air-to-water heat pumps

An **air-to-water heat pump** is a renewable technology that replaces your boiler and connects to your central heating system to provide heating, hot water and optional cooling. It's a sustainable, environmentally friendly solution for your home – and its benefits will last for generations to come.

Four million homes in the UK today are already not connected to mains gas. That number will continue to rise, as gas boilers are phased out of new homes during the 2020s – and banned from existing homes the decade after.

Daikin heat pumps are a reliable, eco-friendly and high performance alternative to fossil fuel heating. So there's no need to compromise on comfort, quality, or on your commitment to the environment.

Reduce your carbon emissions for good

By using renewable heat from a Daikin heat pump to heat your home instead of a boiler, you're significantly reducing your environmental impact. In fact, you could reduce your home's carbon footprint by 3.1 tonnes every year compared with using an oil boiler¹ – that's a massive impact, even more than living car free, which saves an average of 2.04 tonnes of CO₂ equivalent per person annually.²

Air-to-air heat pumps

An **air-to-air heat pump** can provide versatile heating, cooling, air purification and humidification, to offer a complete climate solution for your home. Our versatile systems achieve A+++ efficiency in both heating and cooling – the highest rating available in the market – for optimal performance.

Because air-to-air heat pumps use air rather than water to circulate heat in your home, they are not used to provide hot water. And although air-to-air heat pumps are highly efficient and powered by 80% renewable energy from the air, they are not classed as a renewable technology eligible for government funding.

However, if you're currently using an electric heating system, an air-to-air heat pump offers one combined heating and cooling system that's working for you and your family 12 months a year, rather than separate, inefficient alternatives. So it's an energy-efficient solution to all your indoor climate needs.



Did you know...

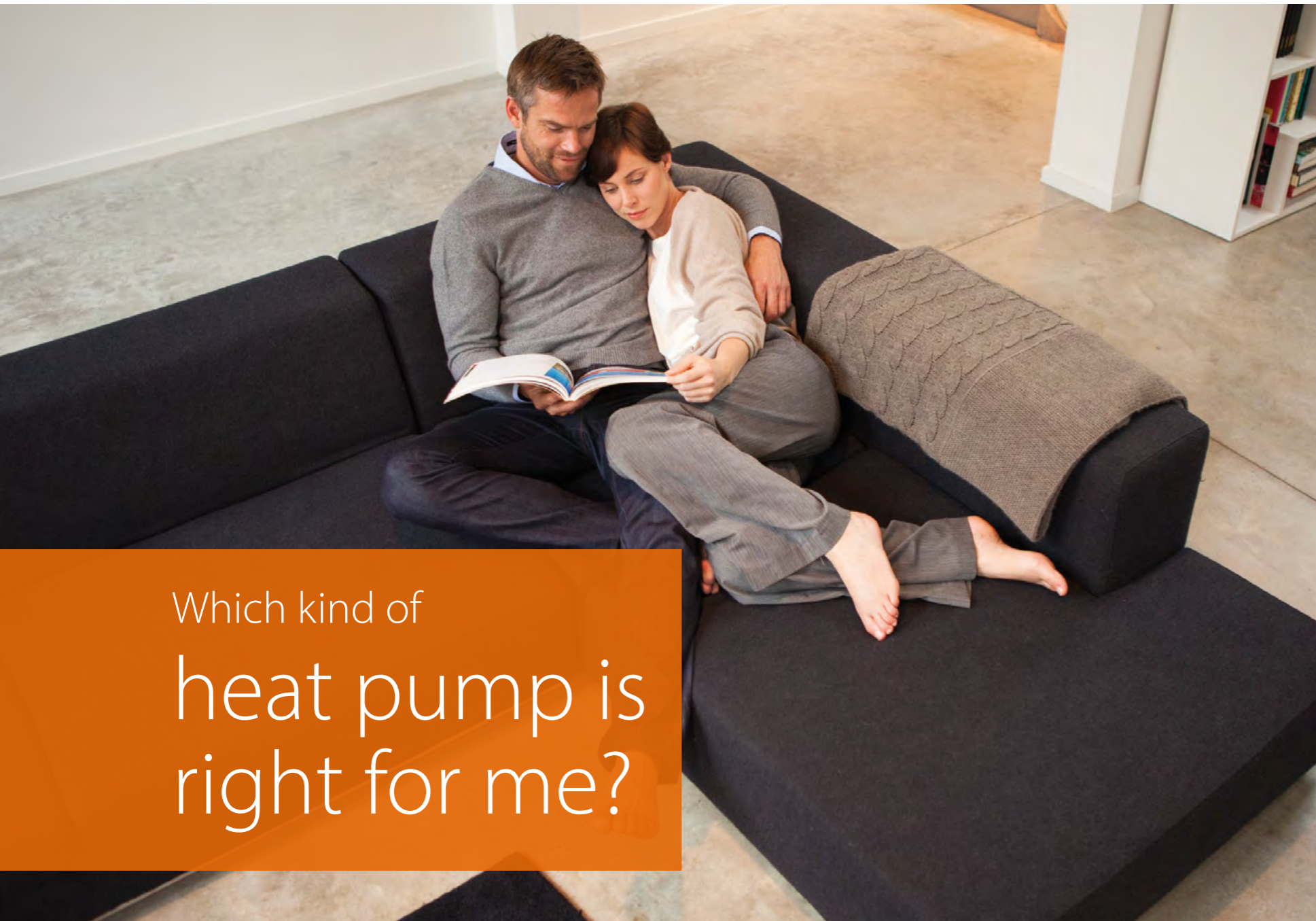
You can take our free heat pump check online today and find out if your home is ready for change in just a few minutes.

Visit [daikin.co.uk/ismyhomeready](https://www.daikin.co.uk/ismyhomeready)

It could be the answer to making your home more energy efficient and environmentally friendly for generations to come.

¹ Carbon savings calculated in Daikin Heating Solutions Navigator report, based on the capacity requirements of a two storey, four-bedroom detached house, 150 sq.m, built between 1991-2005, in the Midlands, with a heat loss of 8.86 kW.

² Source: Centre for Research into Energy Demand Solutions



Which kind of heat pump is right for me?

In the UK, we live in houses of differing ages, shapes and designs – situated in a wide variety of environments – and we each have different hopes and dreams for our futures and individual plans for our home.

All of the following factors affect which heat pump system might be your best option.

Is your home on or off the gas grid?

Heat pumps can be fitted in homes both on and off the gas grid, but homes off the grid are usually more expensive to heat with higher carbon emissions. Off-grid homes have the most potential to save on fuel bills and decrease carbon emissions.

Are you planning a full property renovation, or light refurbishment?

Do you want a whole new heating system, or simply to replace your boiler? This will affect your choice of technology.

How old and energy efficient is your property? Is it well insulated?

This will affect your choice of technology. In a new or recently built home which is well insulated, there is less heat loss from your property, so the heat pump can heat your home effectively at relatively low temperatures.

Are you undertaking a self-build project to create your dream home?

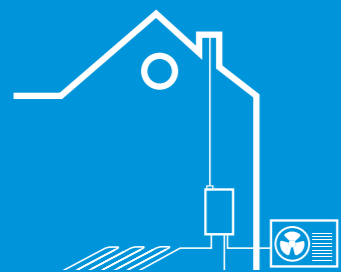
If so, you may have more options about which technology you choose in order to create the most versatile and efficient system to future proof your dream home.

Will you be keeping your existing radiators and other 'heat emitters'?

This will affect your choice of technology. If you are keeping your existing radiators, they may operate at higher temperatures than modern heat systems, so you may need a heat pump that can achieve relatively high temperatures to heat your home effectively.

Are you looking for heating, cooling or both?

Many of our air-to-air and air-to-water units support both heating and air conditioning.



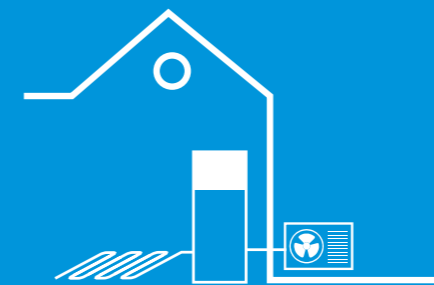
Hybrid system

- › For heating and hot water
- › Powered by an optimal combination of air, electricity and gas depending on seasonal conditions and energy prices
- › Ideal for renovations and replacing old gas boilers



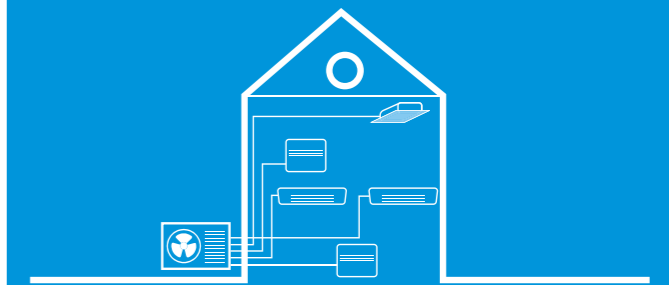
Air-to-water – high temperature

- › For heating, hot water and cooling
- › Typically powered by 80% air and 20% electricity
- › Optional solar support
- › Connects to existing piping system and high temperature radiators



Air-to-water – low temperature

- › For heating, hot water and optional cooling
- › Typically powered by 80% air and 20% electricity
- › Optional solar support
- › Ideal for new homes and energy efficient buildings



Air-to-air

- › For cooling and heating
- › Typically powered by 80% air and 20% electricity
- › Ideal for new homes, energy efficient buildings and replacing old electric heating systems
- › Not used to provide hot water

Helping you make the right decision

Take a look at our decision guide, to help you choose the best system for your property type, your lifestyle and your home environment.

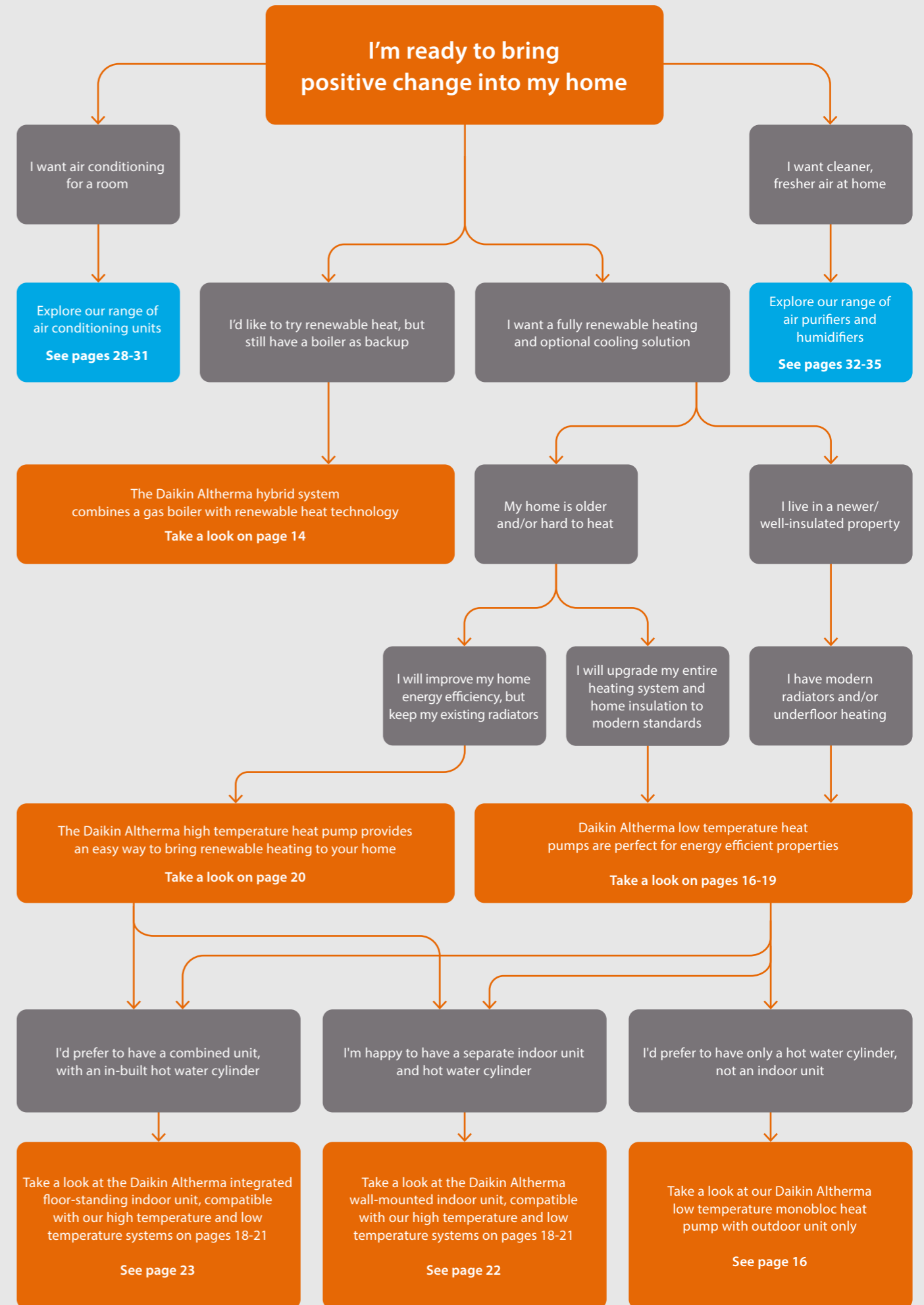


Find the best solution for your home

Find your nearest Sustainable Home Centre:
daikin.co.uk/installer-finder

Request a call back from a Sustainable Home Expert:
daikin.co.uk/installer-request

Contact us if you have any questions:
daikin.co.uk/heat-pump-contact



Understanding the funding available



Key questions about the Domestic Renewable Heat Incentive

Is my home eligible for the Domestic Renewable Heat Incentive?

The scheme is open to people living in England, Scotland or Wales, but not in Northern Ireland or the Channel Islands:

- for new applications until 31 March 2022
- for homes which are on or off the gas grid

What systems are included in the Domestic Renewable Heat Incentive?

The Renewable Heat Incentive is available for:

- › Air source heat pumps
- › Solar thermal panels
- › Ground source heat pumps
- › Biomass boilers

To be eligible, a heat pump can only be used to heat rooms via a 'liquid medium' (e.g. through a radiator, underfloor heating or heat pump convector). This means air-to-air heat pumps are not eligible for the RHI.

How much will I get paid by the Domestic Renewable Heat Incentive?

For air-to-water heat pumps, the Domestic Renewable Heat Incentive payments are based on a tariff of 10.85p per kWh*. This figure is then multiplied by the Annual Heat Demand figure listed on your Energy Performance Certificate (EPC).

Tariffs are adjusted in line with the Consumer Price Index (CPI), and subject to a cap of 20,000 kWh per year. To see how much your RHI payments could be, visit:

www.gov.uk/renewable-heat-incentive-calculator

*Correct at time of publication, 1 September 2021

When will I get paid by the Domestic Renewable Heat Incentive?

Your first payment will be made three months after the date you applied and will be set at the tariff rate applicable on that date. Payments are made by Ofgem every three months for seven years, provided you continue to meet the scheme rules.

What are the eligibility criteria?

- › The renewable heating system must be certified under the Microgeneration Certification Scheme (MCS). All Daikin Altherma systems are MCS accredited and RHI ready
- › To apply, you need an MCS Certificate for your installation and a domestic Energy Performance Certificate (EPC) that's no more than 24 months old for your property
- › A heat pump also needs a 'seasonal performance factor' of at least 2.5 – all Daikin Altherma heat pumps exceed this significantly.

Do I need metering?

Yes. All Domestic RHI applications need to be metered for performance to measure the electricity they consume in order to generate heat. Your heat pump installation needs either a standalone or on-board electricity meter, or you'll need to be provided with a Metering and Monitoring Service Package.

Your heat pump will also need to be metered for payment to receive your quarterly RHI payments based on the amount of renewable heat it produces, if:

- › You have a hybrid system (e.g. heat pump and gas boiler combined)
- › You have a renewable heating system installed alongside a fossil fuel heating system
- › You've lived in your home for less than 6 months before applying to the Domestic RHI.

For more information, search the Ofgem website for "metering for domestic RHI".

Because making a change and choosing fossil fuel alternatives is so critical, the government is incentivising homeowners who choose renewable energy sources to heat their homes. And that includes those choosing to install a Daikin heat pump.

Here are four key ways you can offset the cost of your installation, and earn money back from the government.

1. Domestic renewable heat incentive (RHI) scheme

Available to new applications until 31 March 2022, the Domestic RHI is a UK Government financial incentive set up to encourage the use of renewable heat. Its aim is to cut carbon emissions and help the UK meet its renewable energy targets.

The Domestic RHI offers quarterly payments over seven years, according to a set of tariffs based on the type of system installed. This helps to offset the higher upfront cost of installing a renewable heating system, compared with a typical boiler.

For more information, search "UK Renewable Heat Incentive".

2. Assignment of rights

To significantly reduce the upfront cost of a renewable heating system, there's an option to choose an assignment of rights (AoR). This is also available to new applications until 31 March 2022.

This option allows an investor to help fund the purchase, installation and maintenance of a renewable heating system. In return, the rights to any RHI payments are assigned to them. You can search for the "essential guide to assignment of rights" on Ofgem's website – www.ofgem.gov.uk

3. Metering and Monitoring Service Package (MMSP)

A Metering and Monitoring Service Package involves having a set of heat meters, electricity meters and temperature sensors installed on your heating system. This checks how well your system is performing, and helps to inform future research on the performance of heat pumps.

You could receive an up-front payment of £805, plus £115 per year for seven years, making a total of £1,610. For more information, search the Ofgem website for "metering and monitoring service package".

4. Government funding from 2022

From April 2022, it is anticipated that the Government will introduce a new funding scheme, providing thousands of pounds in funding to support a heat pump installation. More details will follow in due course.

Daikin Altherma hybrid heat pump system



The best of both worlds

Daikin Altherma hybrid heat pump systems are designed for those looking to take their first step into the world of eco-friendly home heating.

This two-in-one combination of a familiar gas boiler and renewable heat pump technology make this the smart solution for homeowners looking to make a positive change.

It means during the colder months you'll still have the reassurance that having a gas boiler provides, knowing you can boost your home heating quickly and effectively when needed. And during the warmer seasons, you'll experience peak performance with minimum running costs.

A hybrid heat pump is an innovative smart solution for all your heating and hot water needs. So, whether you're looking for a more economical way of heating your home, or you're ready to make a more ecological choice, the Daikin Altherma hybrid heat pump system provides a solution without compromise.

How does it work?

The Daikin Altherma hybrid heat pump system is available in two different configurations.

In true hybrid configuration, the system automatically selects the most efficient mode of operation, choosing between the heat pump or gas boiler, or a hybrid operation of the two. So it offers the perfect balance between the gas boiler and the heat pump to provide your home heating and hot water.

Alternatively, the Daikin Altherma hybrid outdoor unit can be paired with your existing boiler (or a boiler from another manufacturer) as a 'bi-valent' system so you can switch between the heat pump or the boiler, but not run both in hybrid operation.

Introduce renewable energy into your home

When working in heat pump mode, the Daikin Altherma hybrid is powered by renewable energy extracted from the air, and can achieve up to A++ energy efficiency.

It's the optimum combination of renewable and traditional energy to heat and provide your home with hot water.

World-leading technology

Engineered with our unique dual heat exchanger, the Daikin Altherma hybrid heat pump's patented condensing technology produces heating and domestic hot water 10 to 15% more efficiently than gas condensing boilers. So you can save on cost – and on your carbon emissions too.

Easy and affordable installation

The Daikin Altherma hybrid heat pump's compact design means it only requires minimal installation space. Built to integrate seamlessly with your existing piping and radiators, it's perfect for renovation projects or replacing your old boiler. You can either buy the complete Daikin Altherma hybrid two-in-one heat pump and gas condensing boiler combination. Or if you already have a gas or LPG boiler, simply add the heat pump to create a hybrid system. Either way, you can enjoy the energy efficiency of a heat pump without having to replace your entire system.

- › Heating and hot water
- › For homes connected to the gas grid
- › Two-in-one combination of heat pump technology plus a gas condensing boiler
- › Year-round efficiency, plus the added security of a gas-powered boost in colder months
- › An ideal way to introduce the energy for change into your home

Daikin Altherma

low temperature monobloc heat pump



- › Heating and hot water in one compact system
- › Quick and simple installation, connecting to your existing water pipes
- › No indoor unit necessary – ideal for homes where space is limited
- › Total frost protection for complete peace of mind
- › Perfect for new builds, minimalist homes or those looking for a discreet heating system

How does it work?

If you're looking for a simple system that saves on space as well as on energy, the Daikin Altherma low temperature monobloc is an ideal solution. This simple system has a single outdoor unit and no indoor unit, with only water pipes running indoors from the outdoor unit.

The outdoor unit combines everything you need, in one quiet, neat system. And while it may be small in size, it's big on efficiency, with an A++ efficiency rating for its heating performance, and up to A+++ on hot water, too.

Compact, with a big impact

An all-in-one system, the Daikin Altherma low temperature monobloc heat pump uses heat from the outside air to warm your home's central heating and hot water system. Even if it's below freezing outside, you can expect peak performance – and total efficiency too.

Ready to boost your energy for change even further? By combining your Daikin Altherma low temperature monobloc with solar support, up to 70% of your hot water can come from renewable energy, too.

Understated but powerful

Whether you're looking to maximise your living space, or simply preserve your open plan or minimalist interior, the Daikin Altherma low temperature monobloc was created to be a modest solution – with a positive impact on your home.

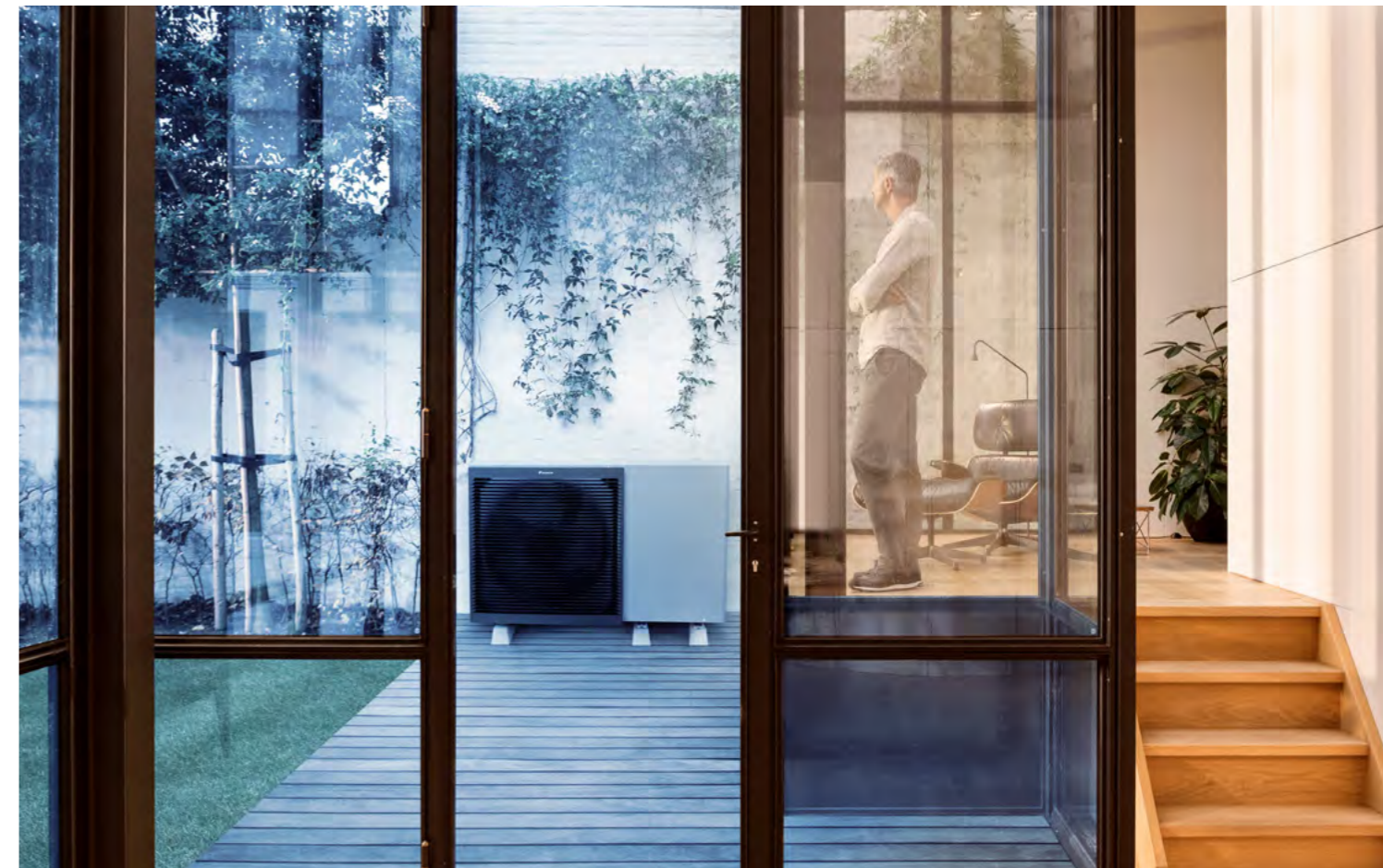
Your all-in-one solution

Perfect for a well-insulated new property, the Daikin Altherma low temperature monobloc is also suited for replacing older heating systems. But wherever it finds a home, it will keep your heating bills low, while helping to reduce your carbon emissions and environmental impact.

Our most compact heat pump ever

For homes where your space is at a premium, investing in a new heating system can feel like an even bigger decision. But the interior layout of your home shouldn't mean missing out on world-leading technology.

The Daikin Altherma low temperature monobloc packs maximum performance into one compact outdoor unit. It's powerful, it's efficient, and it's the perfect way to introduce positive change into your home.



Daikin Altherma

low temperature system



For the ultimate in energy-efficient heating, hot water and optional cooling, the Daikin Altherma low temperature heat pump system offers an incredibly versatile solution.

The Daikin Altherma low temperature system offers the ultimate in quiet home comfort. With both heating and optional cooling capabilities, you can create a completely tailored home environment.



BLUEEVOLUTION

Kinder to the environment

The Daikin Altherma low temperature system uses our revolutionary Bluevolution™ technology, combining highly efficient compressor technology developed by Daikin, together with the future of refrigerants: R32.

R32 refrigerant has low global warming potential, meaning you can rest assured of its minimum environmental impact.

High performance, even in low temperatures

The Daikin Altherma low temperature system provides all your home comfort needs – even when temperatures fall.

In fact, the system's heating capacity is as much as 35% higher than previous models, with its outdoor unit remaining fully operational in weather as cold as -28°C. So you never need to compromise on your comfort.

Economical and eco-friendly

Thanks to the use of R32 refrigerant, this unit is efficient and economical too, giving you the very highest energy performance, proved by its A+++ rating for heating efficiency.

Easy integration and configuration

To fit perfectly into your home, the Daikin Altherma low temperature system can be configured with a Daikin **wall-mounted indoor unit** (see page 22) and separate domestic hot water cylinder (see page 24) or a **floor-standing** unit with integrated domestic hot water cylinder (see page 23).

Daikin Altherma

high temperature heat pump

The future of home heating

At Daikin, we're leading the charge when it comes to lowering our impact on the climate. And when we designed the Daikin Altherma high temperature heat pump, we compounded our commitment to delivering high-performance home heating with eco-friendly benefits.

When you choose the Daikin Altherma high temperature heat pump, you're choosing comfort and energy savings, even if you don't want to replace your whole heating system to achieve it.

This air-to-water heat pump delivers heating, hot water and optional cooling – and uses less energy to do it. So not only will you benefit from a greener home, you'll also be choosing a more cost-effective solution, too.

How does it work?

Made up of a compact indoor unit, and sleek, outdoor unit, the Daikin Altherma high temperature heat pump delivers water temperatures of up to 70°C, so it's fully compatible with older radiators that require a higher temperature flow.

That means that, while it's always important to improve the energy efficiency and insulation of your home as much as possible, there's no need to replace your existing radiators, making it the perfect upgrade to your home.

Best of all, it offers year-round efficiency – even in the coldest temperatures.

Your choice of configuration

To suit the individual layout of your home, the Daikin Altherma high temperature system can be configured with a Daikin **wall-mounted indoor unit** (see page 22) and separate domestic hot water cylinder (see page 24) or as a **floor-standing unit** with integrated domestic hot water cylinder (see page 23).



BLUEEVOLUTION

Quiet comfort ideal for rural or urban living

Whether you live in an urban residential area, or a rural location, our near-silent heating system is a welcome addition. With two sound modes to choose from, the Daikin Altherma high temperature heat pump is perfect for any environment.

In Standard Mode, the outdoor unit's sound pressure is just 38 dBA at three metres – that's around the same as a quiet library. While with Low Sound Mode, that sound pressure drops to just 35 dBA – not much more than a whisper.

Innovative technology. Fit for today and tomorrow

We developed the Daikin Altherma high temperature heat pump in Europe, specifically for European climates. It's complete with the very latest heating, ventilation and air-conditioning (HVAC) technologies.

From a single high-capacity fan for the lowest ambient noise, to its innovative compressor delivering instant hot water without compromising on efficiency, get ready to upgrade your traditional boiler to the future of home heating – fit for generations to come.

Award-winning design for a seamless fit

Clean, minimal and uncomplicated is the best way to describe the latest Daikin Altherma high temperature heat pump.

The outdoor unit's black front horizontal grill makes the fan invisible inside, while the matt grey casing blends in discreetly with surrounding environment.

And when it comes to your indoor unit, there's no compromise here either. The slim and stylish design ensures it's a seamless fit, while its easy-to-use interface means you can take full control of your heating schedule. For high-performance technology, without compromise.

- › Heating, instant hot water and optional home cooling
- › Ideal for straightforward boiler replacement as works with your existing radiators
- › Designed specifically for European climates – for high-performance heating in temperatures as low as -28°C
- › Revolutionary Bluevolution™ technology uses a refrigerant with low global warming potential for minimum environmental impact
- › Award-winning design, for seamless integration into your home
- › The perfect match for older and less insulated properties





Daikin Altherma wall-mounted indoor unit

Both the Daikin Altherma low temperature system featured on page 18 and Daikin Altherma high temperature heat pump featured on page 20 are available with a wall-mounted indoor unit, as seen on this page, and a separate hot water cylinder, as seen on page 24.



Daikin Altherma integrated floor-standing unit

Alternatively, both the Daikin Altherma low temperature system featured on page 18 and Daikin Altherma high temperature heat pump featured on page 20 are available with an all-in-one floor-standing indoor unit with integrated hot water cylinder.

Flexible installation for the modern home

The sleek design of the Daikin Altherma wall-mounted indoor unit means it blends perfectly with your other household appliances, for a subtle but powerful addition to your home. We've designed this unit specifically for homeowners looking for a low-maintenance, space-saving solution fit for your modern property.

The slim and stylish design ensures it's a seamless fit, while its easy-to-use interface means you can take full control of your heating schedule.

It can also be connected to a stainless steel domestic hot water tank (see page 24) to deliver hot water for all of your household needs.

Now that's high-performance technology, without compromise.

- › **Home heating and optional cooling, with hot water connection available**
- › **Includes an intuitive interface, with Daikin eye technology for at-a-glance reassurance**
- › **Award-winning design, for seamless integration into your home**

Future-ready technology with a modern feel

The Daikin Altherma integrated floor-standing indoor unit includes an integrated hot water cylinder, all in one. With a small footprint requiring just 600 x 600 mm floor space, it's an excellent option when you don't have space for, or prefer not to have, a separate hot water cylinder.

How does it work?

The floor-standing indoor unit option includes a hot water tank of either 180 litre or 230 litre capacity, providing plenty of hot water for the whole family.

With the same contemporary style as our wall-mounted model, our next-generation floor unit is designed to integrate with your existing home fittings, creating first-class comfort throughout your home.

- › **Your all-in-one heating and hot water unit, for a significant space saving**
- › **Instant hot water for the whole family, available in 180 and 230 litre capacities**

Domestic hot water cylinders



Reliable, efficient, and ready for your home

At Daikin, we don't just offer world-leading heat pump technology. We've spent 40 years developing an entire range of energy efficient technologies that are ready for the home.

Our hot water cylinders* are an example of some of the innovative solutions we can offer to complete your sustainable home. Designed as the perfect partner to our Daikin Altherma heat pump systems, all of our hot water cylinders include the same best-in-class technology standards you expect from Daikin.

Each one comes fitted with a 3 kW immersion heater as standard, for water that can be heated from 10°C to 50°C in just 60 minutes. Its efficiency offers complete peace of mind, so you can enjoy living with the highest levels of comfort, energy efficiency and reliability.

- › Available in 150, 180, 200, 250 and 300 litres, fit for every family
- › Efficient and well-insulated, for fast temperature increases with minimal heat loss
- › Designed for safety, providing fresh hot water with anti-bacterial protection
- › Compatible with solar panels for a renewable system – reduce your energy costs and carbon emissions by up to 70%

* Unavailable with the Daikin Altherma hybrid system in bi-valent configuration.



Heat emitting technology

Tomorrow's home heating, today

Traditional radiators aren't the only way to heat your home. Many homeowners choose alternatives such as underfloor heating, heat pump convectors and fan coils.

All of our products in the Daikin Altherma range are designed to help homeowners find the perfect balance of comfort, efficiency and control.

Underfloor heating

Daikin offers underfloor heating designed to work seamlessly and efficiently with the Daikin Altherma range. When partnered with a heat pump, Daikin underfloor heating can provide a wonderfully warm home climate, even at low flow temperatures, so you can enjoy uncompromising comfort, together with attractively low running costs.

Daikin Altherma heat pump convectors

A heat pump convector is in many ways similar to a radiator.

Traditional radiators heat your home by running hot water through their pipes. Daikin Altherma heat pump convectors simply speed up this process with the use of a small fan behind the unit, to create the same room temperature as a traditional radiator – with the added bonus that your system's water temperature doesn't need to be as high. So you'll benefit from direct energy savings too.

With a sleek, modern design and silent operation, Daikin Altherma heat pump convectors are the perfect addition to your home comfort ecosystem.



- › Slim design, for flexible installation
- › High-capacity heating and cooling, for a powerful addition to your home
- › Energy efficient, for savings on your energy costs and on your environmental impact
- › Discreet and understated, just as your home heating should be

Control your home climate with ease



No more over-complicated programming. No more thermostat guesswork. We're world-leaders in designing intuitive, simple control systems. Creating your ambient home has never been easier.

Daikin controls

The sleek, stylish design of Daikin controls are only the beginning of their benefits. With a simple touch, you can access your home heating schedule, and additional controls are available via our complementary, easy-to-use smartphone app.* Housed in a compact, wall-mounted unit, there's never been a better fit for home comfort.

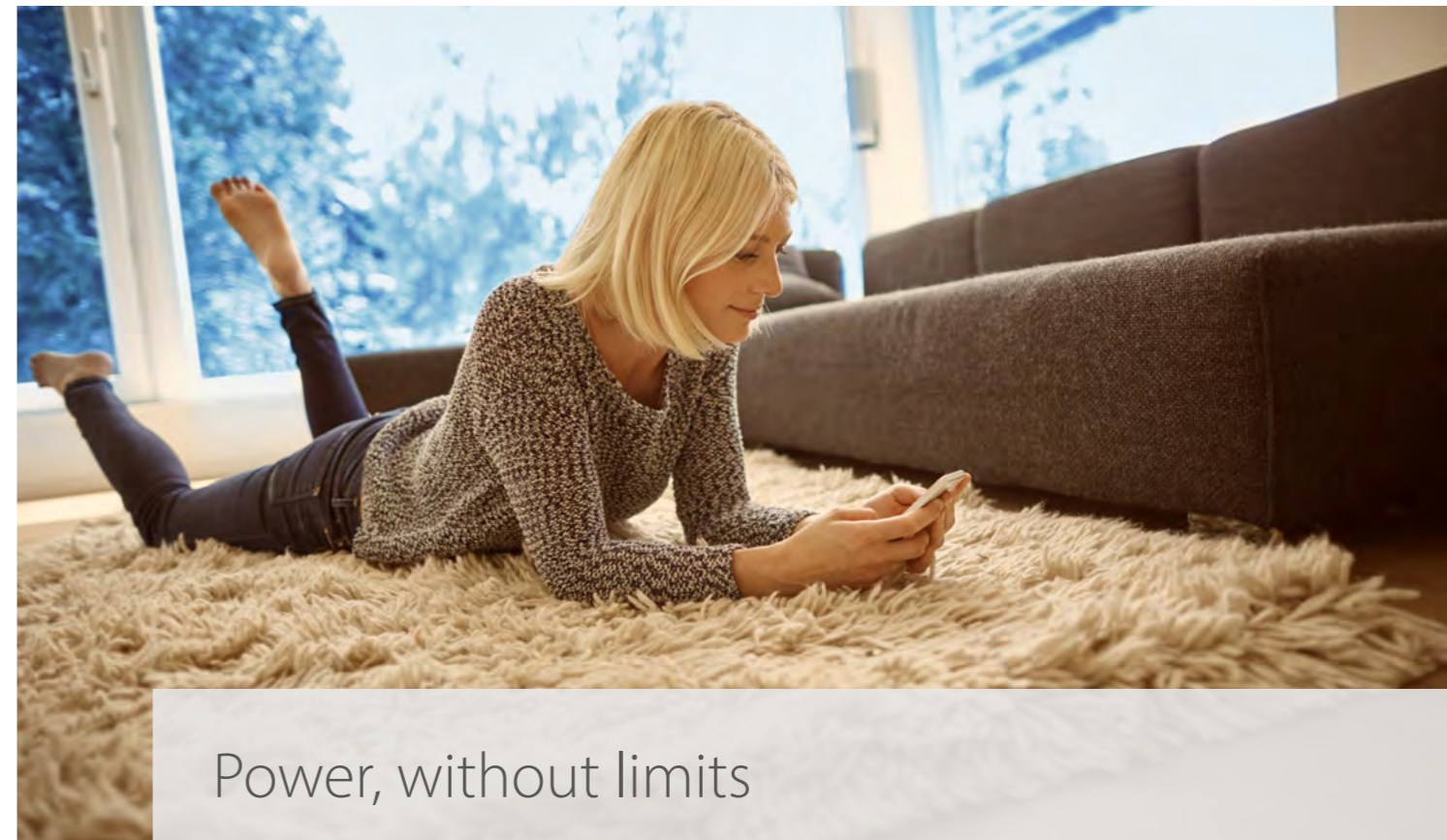


› **Range of colour options**, for a seamless fit with your interior

› **Multiple award-winning** innovative design

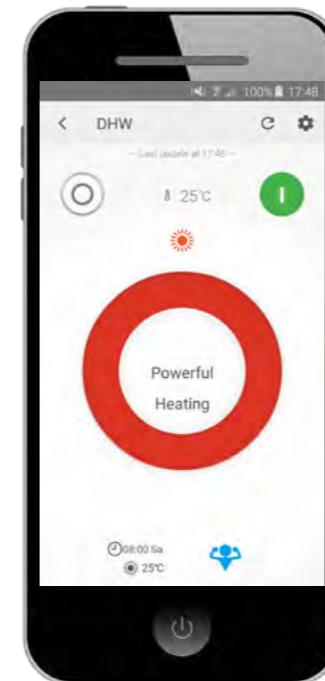
› **Daikin Eye technology** in selected controllers makes it easy to see how your system is performing, with its red and blue 'traffic light' system

› Our newest heat pump models combined with the latest controls ensure your system is smart grid ready, when the energy network allows



Power, without limits

Daikin Residential Controller App

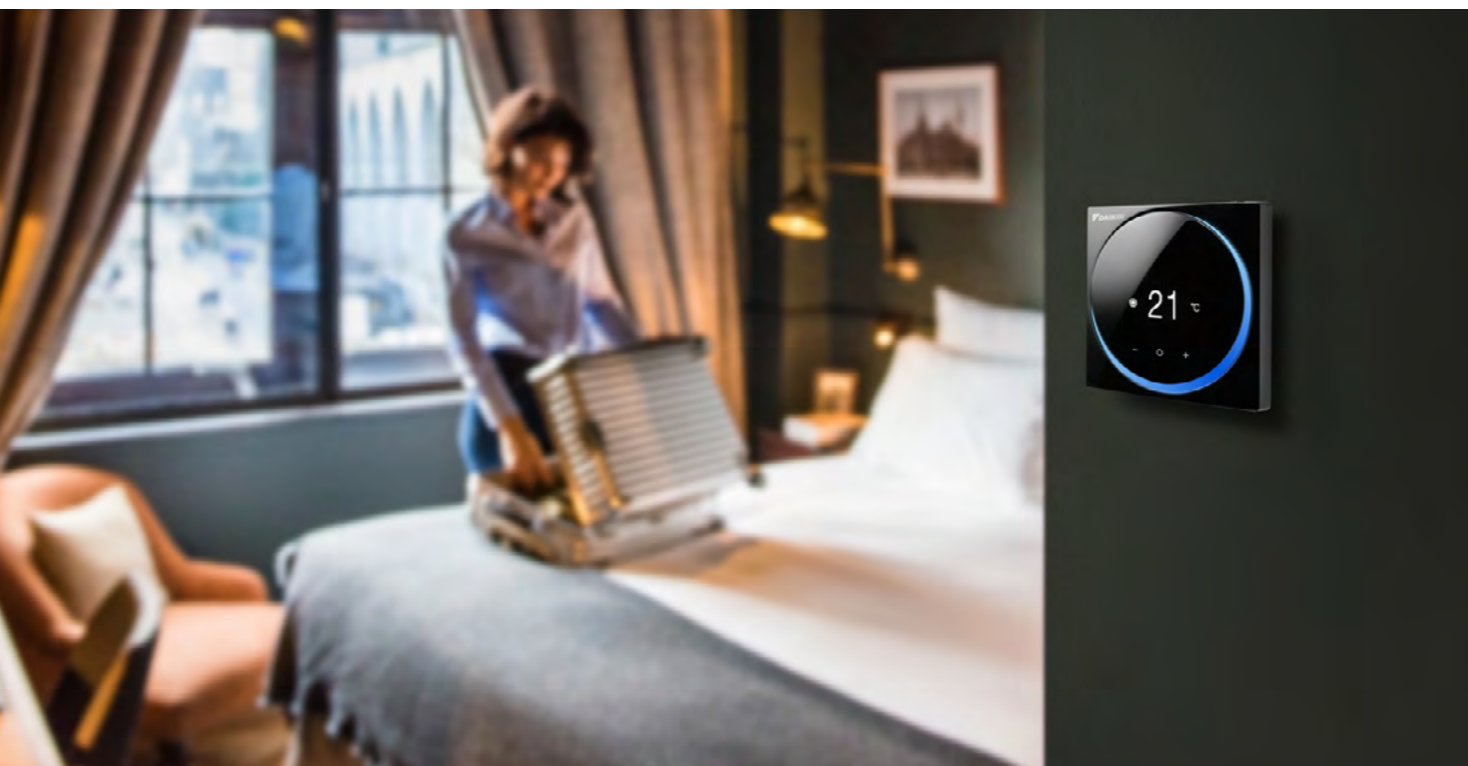


Now, you have the power to control your home environment, anywhere at any time. Simply connect your Daikin heating or air conditioning unit to your home Wi-Fi and download the Daikin Residential Controller App.*

You can change and set your thermostat, create temperature schedules and review your energy consumption. It's year-round climate control in the palm of your hand.

- › **Set individual climates for separate rooms** for full family satisfaction
- › **Gain a complete overview of your home comfort system**, from its efficiency to its energy consumption
- › **'If this, then that'** programming options give you the power to make your own rules – for home comfort that suits your lifestyle

* Unavailable with the Daikin Altherma hybrid system in bi-valent configuration.



Air conditioning technology

Energy efficient and future-ready

If you're looking to heat and cool your home, all year round, look no further than Daikin's technology.

Our air-to-air heat pump technology can provide both heating and cooling for your home, allowing you to enjoy warmth when it's needed, and cool conditions when it's not.

The system is far more cost-effective than traditional electrical heating systems, and means you have one combined system that's working for you and your family 12 months a year, rather than separate, expensive alternatives.

Efficiency and reduced impact

Powered by 80% renewable energy extracted from the air and 20% electricity, our air-to-air heat pumps use R32 refrigerant, which has low global warming potential, are A+++ efficient, the highest rating on the market. So you can be sure you're doing all you can to minimise your impact on the planet.



Fit for any home

Whether you're renovating your home or just want to inject a breath of fresh air into your existing one, a Daikin air-to-air heat pump is a logical solution for your cooling needs.

Our air-to-air heat pumps are easy to install and are ideal for replacing old electric systems. You might be looking for a solution suitable for a bedroom, a garden office or conservatory, or a system for your entire home. Whatever the case, our flexible units accommodate any floor plan – and the needs of your family, too.

Save energy costs with our inverter technology

Daikin's signature inverter technology is an energy saving innovation that efficiently controls the motor speed of your unit, reducing energy consumption by up to 30%. Rather than using additional energy to start and stop as your room reaches the desired temperature, our inverter technology simply adjusts the speed of the motor – meaning it runs continuously and more efficiently in the long run.

It's just one of the reasons our air conditioning systems have A+++ energy efficiency ratings and satisfy all green building requirements.



Daikin Emura

Cool, heat and purify your home

Meet the coolest design trend in air conditioning.

Now, you can cool, heat and purify using the Daikin Emura's revolutionary air-to-air heat pump technology. Available in white and silver, our award-winning design is discreet and sleek, to suit houses of all styles.

Your total climate solution

The Daikin Emura includes a two-area motion detection sensor, to direct and optimise your system's air flow for better performance. Able to intelligently detect when a room is empty, the Daikin Emura will automatically enable energy-saving mode to save you even more on your energy bills.

A perfect fit for every household

Available for just one room, or up to as many as five, the choice is yours when it comes to creating a tailored home comfort solution. The Daikin Emura has been expertly designed to fit in seamlessly with your family life – whatever that might look like.



A clean and healthy home

Airborne allergens such as dust and pollen, along with viruses, bacteria and even cigarette smoke are a thing of the past, with the Daikin Emura.

Its titanium apatite deodorising filter neutralises bothersome odours, while its silver allergen removal and air purifying filter eliminates harmful particles – for a home that's fresh and clean.

Always in control

Download the Daikin Residential Controller app, connect your Daikin Emura to Wi-Fi and control your climate from anywhere. It's that easy.

You'll enjoy these benefits with every **Emura** or **Stylish** air conditioning unit



Daikin Stylish

Innovation meets creativity

The Daikin Stylish is the latest addition to the Daikin air conditioning family, providing all you need from a premium climate solution.

The system's ultra-quiet fan delivers focused airflow, creating an even air and temperature distribution, while its humidifying and purifying properties mean your whole family can enjoy fresh, clean air.

If you're looking for a balance between function and aesthetics, the Daikin Stylish is your answer.

Stylish by name and nature

Just as the name might suggest, our Stylish unit has won awards for its compact, innovative design, with curved corners and texture variations offering a sleek addition to any room.

Available in four colours – white, silver, black and black wood – our unit guarantees a flawless finish which fits with every interior.

Intelligent humidity control

Because comfort isn't just about your indoor air quality or temperature; it's also about humidity. Moisture levels in the air can have a significant impact on our health and wellbeing.



Stylish uses a number of different settings to automatically and intelligently adjust its fan and compressors, creating a harmonious balance between temperature and humidity.

Smart climate control wherever you go

You can manage the Stylish using your smartphone by downloading the Daikin Residential Controller app. So you can start creating your perfect climate in minutes.

BLUEEVOLUTION

- › One-room or full-home solutions available, with our split or multi-split system options
- › Integrated options, for in-built cooling and heating as you need it
- › Wall-mounted and available in a variety of finishes, for a discreet addition to your home

- › Individual room programming, for total family satisfaction
- › With world-leading energy efficiency and our low carbon Bluevolution™ technology, there's no need to compromise on your climate goals

Air purifiers

For a clean, fresh, healthy home

Fresh air shouldn't be reserved for when we spend our summer months outdoors. Perfect your home climate, and bring the outside in with a **Daikin Air Purifier**.

We promise you air that's three times cleaner, healthier and fresher with our advanced air purifiers. And what's more, our patented Streamer technology inactivates 99.98% of the human coronavirus HCoV-229E* – giving you pure peace of mind.

A cleaner, healthier home

According to Allergy UK, we spend around 90% of our time indoors. But our indoor spaces can be as much as 10 times more polluted than the air outside.

Our purification technology helps to minimise asthma and allergy symptoms by capturing fine particles from the air in your home. From dust to pollen, to airborne irritants caused by smoking, cleaning and building works, our humidifiers provide extra protection from dry air and viruses, promoting healthy skin and airways too.



Daikin Air Purifiers have the Allergy UK Seal of Approval for their efficiency, eliminating all the most common airborne pollutants in your home.

- › Bacteria and viruses – including up to 99.98% of human coronavirus HCoV-229E*
- › Contamination from sneezing and coughing
- › Dust, allergens and debris from building materials
- › Odours and vapours from cleaning products
- › Outdoor pollution, including pollen and traffic fumes

Proven to protect

We all want to keep our families safe – especially when it comes to the very young, the elderly, allergy sufferers and those with chronic health conditions. Our range of air purifiers has been designed with your whole family's safety in mind, offering extra protection for the people you care about.

Our patented Streamer technology has been proven to inactivate airborne bacteria and viruses – including up to 99.98% of the human coronavirus HCoV-229E.*

* Source: Institut Pasteur de Lille test report 2021.
Testing laboratory Institut Pasteur de Lille France, evaluated the effectiveness of Daikin's Air Purifiers against respiratory viruses:
- HCoV-229E (of the same family as SARS-CoV-2, the coronavirus causing the COVID-19 pandemic)
- Influenza A virus subtype H1N1 (causing seasonal flu)



Daikin Air Purifier



Daikin Humidifying Air Purifier

Our patented streamer technology is a revolution in air purification technology. Designed for near-silent but powerful cleaning capability in a compact unit, you no longer need to open windows and doors for fresh air – just switch your unit on for instant peace of mind.

- › Whisper-quiet powerful filtration for spaces of up to 41m²
- › Small, compact, space-saving design
- › Powerful suction, for fast, efficient air purification
- › Up to 10-year lifespan on dust filters
- › No complicated cleaning – simply use a vacuum or damp cloth



With exceptional cleaning power, the Daikin Humidifying Air Purifier is quiet but effective. Its built-in humidifier has been engineered to create a balanced home environment that offers extra protection from airborne viruses.

- › Simultaneous purifying and humidifying ability
- › Compact, space-saving design
- › 'Econo mode' feature – for budget-friendly performance
- › Up to 10-year lifespan on dust and humidifying filters
- › Powerful humidification for extra protection from dry air and viruses



Sustainable Home Centres

We design some of the world's most eco-friendly, powerful air-to-water and air-to-air heat pumps. But don't just take our word for it. We have a growing network of Daikin Sustainable Home Centres nationwide, so you can see and touch our eco-friendly technology first-hand.



Come and experience our technology for yourself

Each one of these showrooms features the latest Daikin technology – from renewable heating and hybrid solutions to energy-efficient air conditioning and air purification solutions. So you can understand more about the most suitable options for your home.

Plus we have trained experts on hand to offer advice and guidance. So visit us, and discover how we can transform your home comfort – with minimum disruption to your everyday, and maximum benefit for your family.



Sustainable Home Network

By choosing heat pump technology, you're making a decision that will have a positive impact for generations to come. And at Daikin, we want to reassure you at every step of the journey.

That's why we have the Sustainable Home Network of heat pump specialists, trained to the very highest standards.

From your initial consultation, system design and heat pump installation, to your annual maintenance check and servicing down the line, you can trust our Sustainable Home Network to meet the highest standards of excellence.

It's just one more way we ensure you have everything you need to lead the UK's change for good.



Kick start your change today

Find your nearest Sustainable Home Centre:
daikin.co.uk/installer-finder

Request a call back from a Sustainable Home Expert:
daikin.co.uk/installer-request

Contact us if you have any questions:
daikin.co.uk/heat-pump-contact

Start your journey today

By choosing Daikin, you're choosing more than our world-leading technology. More than our commitment to innovation. Even more than high-powered home comfort for your family. You're choosing to lead the UK's renewable heat movement.



Find the best solution for your home

Find your nearest Sustainable Home Centre:
daikin.co.uk/installer-finder

Request a call back from a Sustainable Home Expert:
daikin.co.uk/installer-request

Contact us if you have any questions:
daikin.co.uk/heat-pump-contact



Become a pioneer of the transition to a low-carbon future, today: for your peace of mind, your family's future, and for our planet.

Step 1



Find a Sustainable Home Installer in your area

Installing a heat pump isn't a do-it-yourself project. That's why we've built a network of Daikin-trained Sustainable Home specialists up and down the country, ready to help.

Your Daikin Sustainable Home specialists will assess your home and living arrangements to ensure that choosing one of our heat pumps is the best decision for you.

We work with the country's most skilled installers who are specifically trained to the highest standards of heat pump system design, installation and commissioning – and who have all the relevant Gas Safe and F-gas certifications for the systems they're installing.

Step 2



Discover the perfect fit for your home

Your Daikin Sustainable Home Installer will work closely with you, so together, you can pick the heat pump technology that's right for your home.

If you've already performed the heat pump check, or followed our Decision Guide on page 11, you can discuss these initial indications with your Sustainable Home specialist. They'll discuss your options with you, and provide their technical expertise so you can make a choice that's right for your home's heating and cooling requirements.

Then, they'll prepare a system design and customised quote which takes your budget into account.

Step 3



Schedule your installation date

From ordering the heat pump and accessories, to organising its delivery ready for your agreed installation start date, your Sustainable Home Installer will take care of everything. All you need to do is put the kettle on!

Your heat pump will then be installed and connected to create your new system. Some of the work needed may vary slightly, depending on the heat pump you've chosen and your home's design. But your Sustainable Home specialist will discuss all of this with you when you're first making your decision, so your installation is as easy and disruption-free as possible.

Step 4



Enjoying your new, eco-friendly home comfort

Before they leave, your Sustainable Home Installer will set up and programme your system to ensure you're receiving the maximum benefit and efficiency from your new tech.

If you've chosen a Daikin Altherma system, you'll also receive a warranty pack detailing your parts and labour warranty. The warranty pack also contains a code so you can register your warranty on Stand By Me: our customer aftercare website. Make sure you register your warranty within 30 days, and no later than 1 year after commissioning.

We also offer a range of Maintenance Packages for Daikin Altherma systems on Stand By Me, so you can ensure your system is regularly maintained and your warranty remains valid. Now, you're ready to enjoy sustainable comfort in your home, and full peace of mind, too.



Discover your energy for change

By choosing Daikin, you're choosing more than our world-leading technology. More than our commitment to innovation. Even more than high-powered home comfort for your family. You're choosing to lead the UK's renewable heat movement.

Be the energy for change.



Find the best solution for your home

Find your nearest Sustainable Home Centre:
daikin.co.uk/installer-finder

Request a call back from a Sustainable Home Expert:
daikin.co.uk/installer-request

Contact us if you have any questions:
daikin.co.uk/heat-pump-contact

One energy-efficient heat pump. Multiple ways to save money.

Enjoying an energy-efficient Daikin heat pump in your home has never been so affordable.

With government funding on offer and other ways to save, it's easier than you think to make your change for good.

Find out more at daikin.co.uk/savemoney



Visit energyforchange.com

Email energyforchange@daikin.co.uk

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