



Building a sustainable future

Daikin Altherma heat pump guide for housing developers



The future is sustainable

The climate crisis can no longer be ignored. We all need to act quickly to lower carbon emissions. And with 20% of the UK's greenhouse gases coming from heating Britain's homes*, something needs to change. Fast.

Little by little, those changes are starting already. With gas prices sitting at an all-time high and fossil fuel-powered boilers being banned from new builds in England from 2025, homeowners across the nation are already searching for alternative ways of heating their homes that won't cost them, or the environment, so heavily.

To keep consumers satisfied and to meet new sustainability targets, the home building industry needs to find an alternative solution to building properties with outdated boilers.

It's time to build a better future. So start today by installing sustainable Daikin Altherma heat pumps in your housing projects.

Powered by renewable energy, every Daikin Altherma heat pump you install will help the UK to lower its emissions for good.

Let's create homes that are fit for the future.

*National Grid [2020], The future of home heating in a net zero UK

Available online: <https://www.nationalgrid.com/uk/stories/journey-to-net-zero/future-home-heating-net-zero-uk>



Choosing heat pumps for your next property build

- › Cement your reputation as a forward thinking developer by getting ahead of industry targets
- › A cost-effective way to achieve SAP
- › Meet your emissions goals, sooner
- › Get ahead of the boiler phase out
- › Create a more sustainable supply chain
- › Reduce your impact on the planet and create a better future
- › Support your sector with up to 240,000 estimated new jobs to be created by 2035**
- › Attract and retain even better industry talent

A positive choice for a better future

From the designs you propose and the supply chains you use, to the materials and products you select for the job: **you're already making tens of decisions which ensure the properties you build are efficient and sustainable – for your business and for our planet.**

And the Future Homes Standard will define new regulations which ensure all new homes built from 2025 produce 75-80% less carbon emissions than those built today. With the emphasis on energy efficiency increasing, developers will need to plan for a future that involves renewable heating. But you don't need to wait.

Daikin Altherma heat pumps are a positive choice you can make today to create more energy efficient homes. And they'll have a positive impact on your business' own sustainability, too.

Our heat pumps are a well-established – and proven – technology that can substantially reduce a home's emissions from heating and hot water.

And best of all? They're engineered to work alongside the other decisions you're already making to ensure people's homes are warmer, cheaper to run and greener, too.

So with every Daikin Altherma heat pump you install, you can increase your market share and cement your reputation as a forward thinking developer.



**<https://www.theguardian.com/environment/2021/oct/19/minister-hints-gas-boilers-ban-market-should-drive-change-england-wales>

Discover technological excellence from Daikin

To help the UK meet its emissions goals, the government is aiming for 600,000 heat pumps to be installed each year by 2028. And a large proportion of those installations will come from the hundreds of thousands of new homes built annually.

But the industry's leading property developers are already starting their journey today, paving the way to a better future with Daikin's renewable-powered heat pump technology.

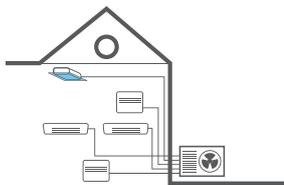
Heat pumps may have already been around for decades, but at Daikin, we've pushed their development to new heights. Our award-winning heat pumps are an energy efficient solution ideal for all types of homes.

We make multiple models in a range of configurations, whether you want to create a warm home with efficient central heating, or a full home climate eco-system complete with heating, cooling and hot water.

Why choose Daikin Altherma?

- › Reliable and efficient technology, year round – even in temperatures as low as -20°C
- › Up to 400% efficiency – helping to continue your reputation for creating properties built to exceptional standards
- › Fully compliant with environmental directives, with an A++ ERP rating
- › Certified by the Microgeneration Certification Scheme (MCS)
- › Flexible installation for all building types
- › Space-saving footprint and modern designs in a variety of finishes that won't compromise your interior design
- › Cost-effective, user-friendly heating for your future homeowners
- › Compatible with underfloor heating, convectors and radiators – our models complement whatever home design you choose
- › Powerful heating plus optional cooling and hot water – for comfort for the whole family

Our model types



Air-to-air

- › For cooling and heating, but not used to provide hot water
- › Typically powered by 80% air and 20% electricity
- › Ideal for new homes and energy efficient buildings



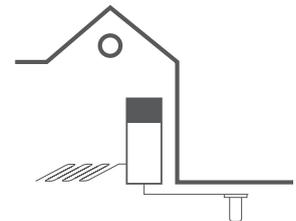
Air-to-water

- › For heating, hot water and optional cooling
- › Typically powered by 80% air and 20% electricity
- › Optional solar support



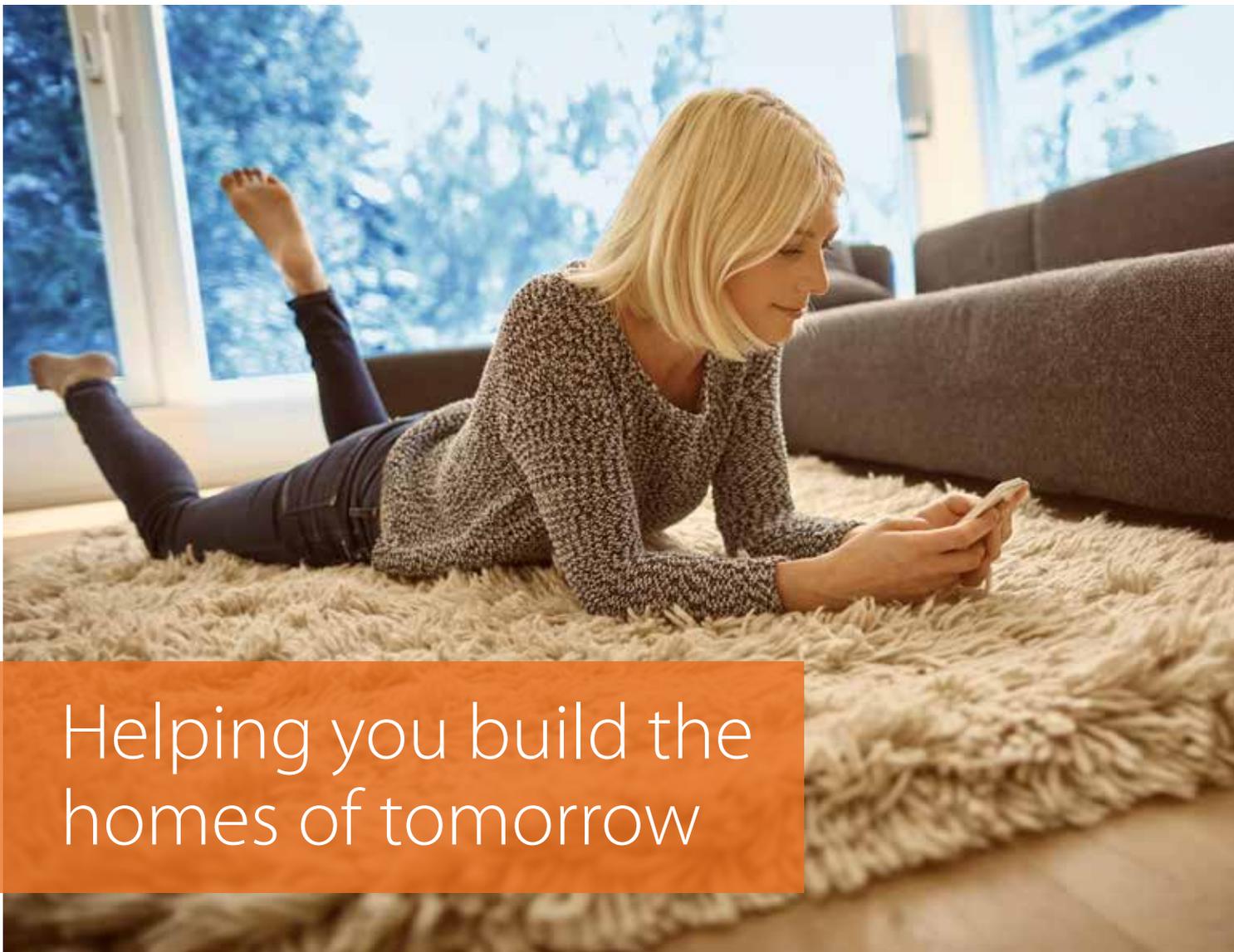
Hybrid system

- › For heating and hot water
- › Powered by an optimal combination of air, electricity and gas depending on seasonal conditions and energy prices



Ground-source

- › Heats, cools and provides hot water
- › Powered by 80% renewable energy extracted from the ground and 20% electricity
- › Extremely reliable even in cold conditions



Helping you build the homes of tomorrow

Daikin is a trusted heat pump partner to property developers across the UK. Whatever you need, we have a network of experts on hand to help you deliver housing with integrity, and will work alongside you to ensure your project is delivered on time and on budget.

With our fully-indemnified design support, we can deliver everything you need to ensure your build is compliant – even working with your SAP assessor to validate the cost-effectiveness of our heat pumps.

So you can be certain that every aspect of your project's home comfort solution is compliant with modern regulations – giving you one less thing to worry about.

We even have our own nationwide Sustainable Home Network of installers who are expertly trained and industry accredited. So whether you're building a single property, or a multi-plot development, we'll help you discover the right solutions to build a sustainable and effective ecosystem.

For a partner you can trust, choose Daikin.

Why developers choose Daikin

- › Almost 100 years of technical expertise, making us one of the most renowned names in heat pump excellence
- › CPD training modules including an entire thought-leadership programme of content in our Future Thinking series
- › A nationwide network of installers along with access to both national and global supply partners
- › Design resources on Daikin's Stand By Me heating selection tool, including air source heat pumps, cylinders and controls
- › Personalised reports via our Stand By Me online platform, including full technical data, system overviews, technical data booklets and product codes of the systems chosen for your build
- › Building Information Modelling (BIM) software so you can effectively plan your HVAC installation and avoid errors during design, construction, and installation – saving you time and money
- › Exceptional end-to-end service – from consultation and project planning, to installation and aftercare
- › Personalised information packs throughout your project: for you, for your heat pump installer and for future residents

Let's create homes fit for the future, together

At Daikin, we have more than 90 years of technical expertise behind us, and a multi-national presence that gives you competitive access to our global logistics and supply network.

We don't just stop at offering you our technology: we can give you fully integrated support. From CPD training for your own professional development, to marketing support including co-branded literature for your business.

We're here to support your next housing development project in whatever way you need. So your reputation for excellence continues long into the future.



Working with us is easy

Step 1

Project preparation

Together, we can assess which Daikin products are right for you, delivering excellent cost-efficiency – without compromising on performance for your clients.

Step 2

Creating a roadmap

We'll help you navigate your planning and installation challenges and develop a clear plan for every stage of working with us.

Step 3

Designing your solution

With a variety of design tools to hand, and dozens of heat pump configurations to explore, we can help you find the perfect fit for every development – always keeping in mind the comfort and needs of future residents.

Step 4

Supporting and building your vision

From overseeing the construction and installation process as needed, to ensuring your products are commissioned perfectly, to giving you dedicated technical support, we'll be by your side at every stage.

Step 5

Handover and aftercare

Once your project is complete and we've ensured your heat pumps are up and running, we'll be able to supply you with our comprehensive aftercare details, including personalised handover packs for you and your future residents.



Your journey starts here

Visit the website today and arrange a free consultation with one of our specialists.

daikin.co.uk/future-homes