

How to heat your home in the best possible way with

underfloor heating and renewables

We believe that choosing the right heating system for your home should be **simple** and **stress free**, so we take care of every detail to provide **confidence**, **comfort** and **peace of mind**.



Feel the difference

As the only heating company awarded a Distinction from the Institute of Customer Service, you can trust Nu-Heat to provide you with all the support you need, from initial discussions with your dedicated Account Manager to tips on controlling your heating from our Technical Support team.

Our award-winning products and customer service, along with our unbeatable expertise in integrating renewables and free, lifetime technical support, makes Nu-Heat the chosen heating supplier for thousands of UK homeowners.

Designed for your home

Whatever the age, size or construction of your home, chances are it's suitable for underfloor heating (UFH). Our experts will go further to ensure precise performance of your heating system.

Whether you're planning a new build, tackling an extension or giving your existing home a complete overhaul, we design your heating system to be a perfect fit.

Freedom to choose

An expertly-designed UFH system gives you the freedom to choose – where to put your furniture and how to set the temperature of each room to suit your lifestyle.



If you choose Nu-Heat UFH for your home, you can expect to:

Feel the difference with a consistent, even heat across your whole floor – no more cold feet or draughty, cold rooms.

See the difference by freeing up wall space, giving you the flexibility to style your home however you choose – no more working around radiators.

Pocket the difference with low running costs from your efficient heating solution – no more wasted energy.

Generate the difference with the option to integrate renewable solutions like heat pumps and solar thermal – no more high carbon footprint.

Tailor the difference with a bespoke, whole-house heating solution tailored to your property's build type – no more 'one size fits all'.

Know the difference with accurate, room-by-room temperature control – no more guesswork.

Our story

1992-2019

“There has to be a better way”

Nu-Heat was born over 25 years ago when our founder, Allan, was looking for a better way to heat his home.

His research led him to warm water underfloor heating – a virtually invisible, tailor-made heating system that gives an even, cosy warmth. The problem? It was nearly impossible to source.

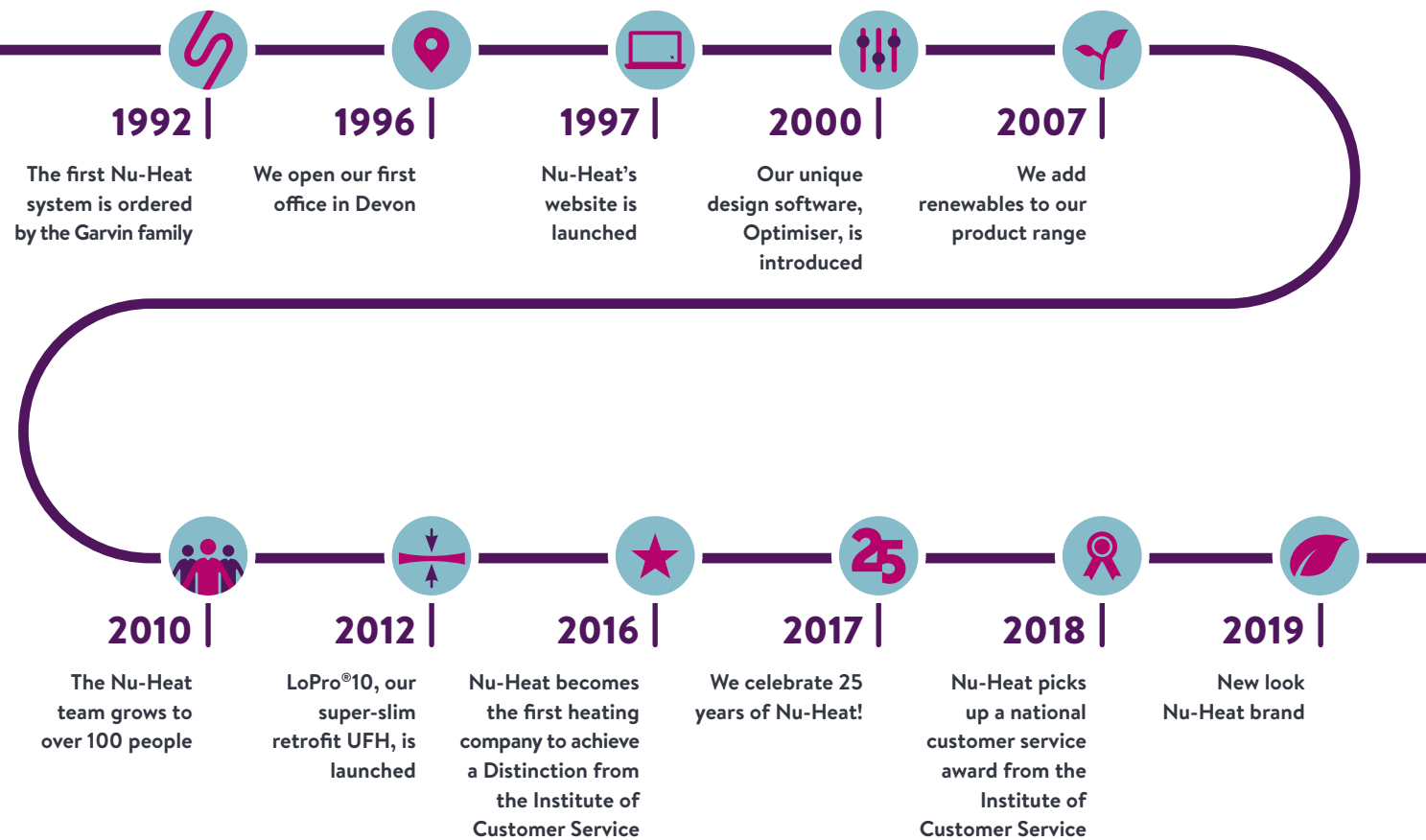
Refusing to compromise, Allan set about putting together his own solution. The first Nu-Heat underfloor heating system was born.

Something we truly believe in

Nu-Heat started with a belief that underfloor heating is the best way to heat a home. It's a passion that has never gone away.

We continue to innovate – and always will – using our expertise to develop solutions that make UFH a possibility for more households than ever before.

Today, there are over 100 people in the Nu-Heat team and we all have one thing in common – we all care about helping you to heat your home in the best possible way.



Dream oak-framed eco home

The chance discovery of a rural plot in Kent sparked the start of a self-build adventure for Gordon and Joyce Perrie, providing them with an environmentally-friendly oak-framed eco home.

A vision revisited

The plot came with planning permission for a 2,000ft² detached house, but rather than sticking with the design set out by the existing plans, Gordon and Joyce went back to the drawing board to create their own personal vision. The result was an ‘upside-down’, oak-framed, eco house, set into the hill with a glazed frontage that makes the most of the site’s stunning panoramic views.

Eco considerations

Gordon and Joyce were keen to make their new home as efficient as possible, and chose to team an air source heat pump with underfloor heating. “We love that there are no radiators to get in the way,” says

Gordon. “It is so comfortable - the house stays at a consistent temperature, the system is economical and silent, and the settings are easy to understand. Having zoned underfloor heating makes the system even more efficient as we can control each area separately.

Gordon adds: “It was so easy to integrate an air source heat pump to provide warm water for the underfloor heating and supply all of the property’s hot water. The RHI (Renewable Heat Incentive) payments that we receive for running the heat pump are an added bonus.”

Why Nu-Heat?

“We liked the fact that Nu-Heat did the entire system design in-house themselves,” explains

Gordon. “The support and information that we received from them before, during and after the installation was really good. The Nu-Heat Registered Installers did a great job. The underfloor heating installation didn’t disrupt the rest of the build, and the heat pump installation and commissioning also went really well.”

Integrated UFH and renewables

Underfloor heating is ideal for use with renewable solutions such as the air source heat pump that fuels Gordon and Joyce’s heating and hot water. As well as being an eco-option, using a heat pump with underfloor heating can further reduce the system’s running costs.



SYSTEM

Zoned UFH
matched with
integrated air
source heat pump

“

The system is
economical and
silent, and the
settings are easy
to understand.

Your dedicated Account Manager will be able to advise which UFH system(s) are best suited to your home and lifestyle



Underfloor heating for every home

Whether you are looking to include UFH in all or part of your home, we will design your system to keep every room at just the right temperature. With a wide range of tried and tested UFH systems to choose from, you can be confident that we have the right solution for your property.

1 In-floor solid UFH

Ideally suited for new builds and extensions, our in-floor solid UFH systems are installed within the fabric of the floor itself. The UFH tube is held within the screed by specialist fixing systems, following a bespoke layout that ensures an even, comfortable warmth over the entire floor area.

These UFH systems have a high heat output whilst also providing an efficient and cost-effective solution that is simple to install.

2 In-floor joisted UFH

Designed for properties with suspended timber floors, our in-floor joisted UFH systems are equally well-suited to new builds and renovation projects. The UFH can either be installed between or over the joists from above (before the floor deck is fitted), or between joists from below (before the ceiling is in place).

With no height build-up, these UFH systems avoid any disruption to fixtures and fittings, and floor coverings can be fitted as soon as the floor deck is in place.

3 Over-floor UFH

Ideal for property renovations, our over-floor UFH systems can be installed over the existing floor, and our award-winning LoPro® range adds as little as 15mm total height build-up. With exceptional heat outputs for properties with lower levels of insulation or large glazed areas, as well as lightweight systems for upper floors, our over-floor UFH range includes solutions for all retrofit scenarios.

4 Acoustic UFH

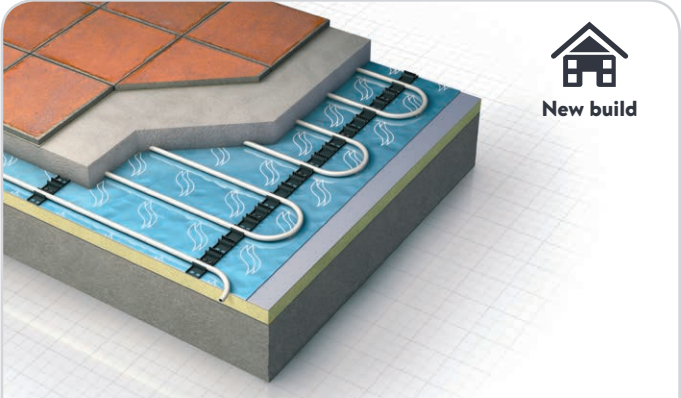
Ideal for apartments, office to residential conversions and upper-floors, our acoustic UFH systems deliver the dual benefit of efficient heating with a reduction in impact and airborne noise. These specialist low-profile UFH systems boast high heat outputs and create a perfectly level floor surface that is ideal for high quality finishes.

5 Electric UFH

Perfectly suited for smaller kitchens and bathrooms, eUFH can be run alongside existing heating systems in your home.

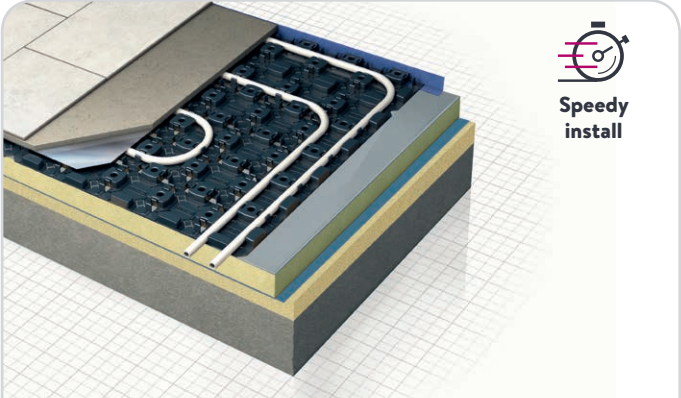
Popular underfloor heating systems

A snapshot of some of our most popular underfloor heating systems.



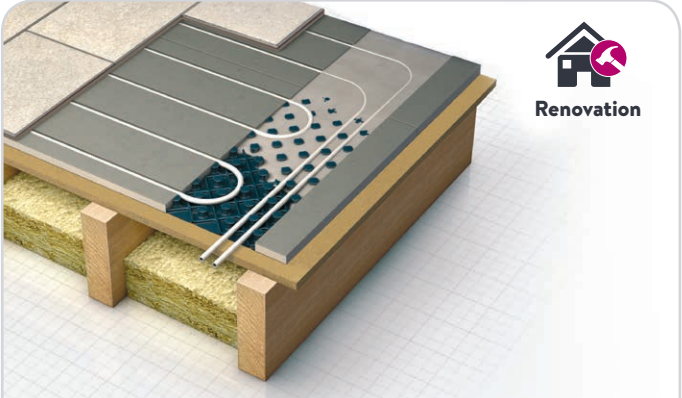
ClipTrack®
In-floor solid UFH

- ✓ For use with solid concrete slab, and beam and block floors
- ✓ High heat output
- ✓ Tried and tested, cost-effective solution
- ✓ Ideal for setback time control



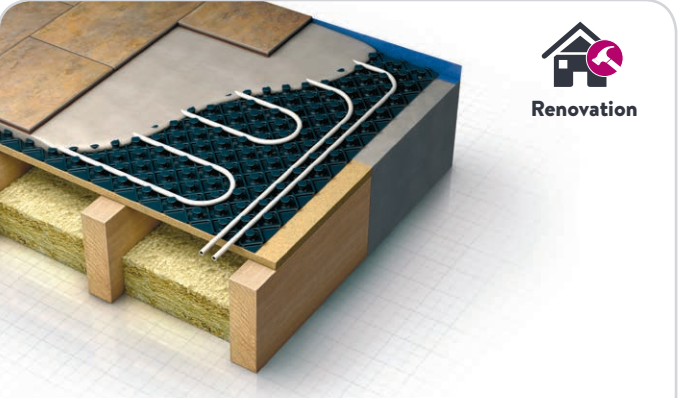
FastDeck®
Over-floor UFH

- ✓ Completely dry install, saving time
- ✓ Suitable for new build and renovation
- ✓ Includes conductive coverboard
- ✓ Maximum height build-up of 34mm



LoPro®10
Over-floor UFH

- ✓ Super-slim at just 15mm
- ✓ Laid directly over existing floor
- ✓ Suited to all floor levels
- ✓ For properties with good levels of insulation

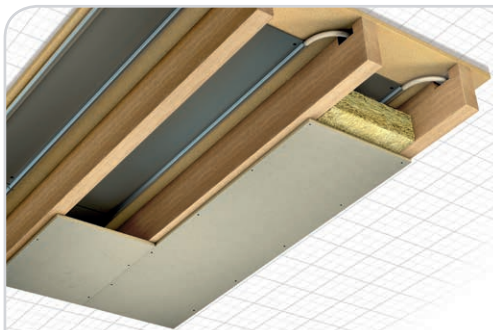


LoPro®Max
Over-floor UFH

- ✓ Highest heat output on the market
- ✓ Dry within 24 hours
- ✓ Total build-up of 22mm
- ✓ For properties with higher heat losses

Request
a quote

Ask us for a bespoke quote for a tailored heating system that fits your home perfectly.
Acoustic variations available for every UFH solution.

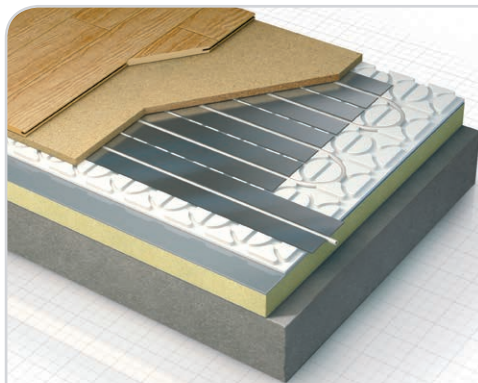


Upper floors

ClippaPlate®

In-floor joisted UFH

- ✓ For suspended timber floors
- ✓ No height build-up
- ✓ Fitted above or between floor joists
- ✓ Quick, completely dry installation



Whole house

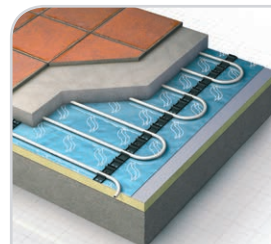
Diffuser plate range

In-floor and over-floor joisted UFH

- ✓ Low profile – total height build up of 25mm†
- ✓ Can sit on top of the structural deck or insulation
- ✓ Can be fitted in between joists
- ✓ For all floor levels and types of property

OneZone® kits for single areas

Enjoy warm water or electric underfloor heating in a single space, like a kitchen, with a OneZone® kit.

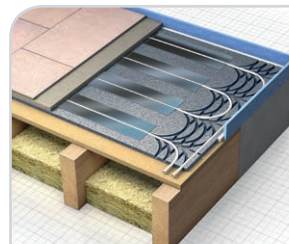


New Extensions

ClipTrack® OneZone®

In-floor solid UFH

- ✓ Simple to install as part of build schedule
- ✓ No height build-up (fitted in floor)
- ✓ Good, efficient heat transfer

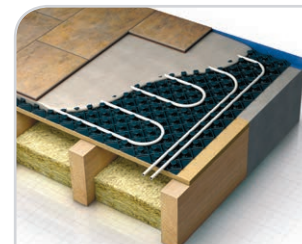


Renovation

LoPro® Lite OneZone®

Over-floor UFH

- ✓ Dry install for minimal disruption
- ✓ Fit floor coverings immediately
- ✓ Low profile at 15mm*
- ✓ Suited to all floor levels



Renovation

LoPro® Max OneZone®

Over-floor UFH

- ✓ Exceptional heat output
- ✓ Compound dry within 24 hours
- ✓ Only 22mm height build-up
- ✓ For spaces with higher heat loss



Buy
online

OneZone® kits are available in a range of pack sizes with a choice of market-leading thermostat options.
Prices start from £700 for warm water or just £189 for an electric pack. Buy online at www.shop.nu-heat.co.uk

Reduce your energy bills with renewables

Many UK households now choose to combine efficient UFH with a renewable technology such as a heat pump or solar thermal system. Whether you are renovating a property or building from scratch, it's a good idea to consider renewable technology early on.



Green heating with heat pumps

Choosing a heat pump can significantly lower your fuel bills as well as reduce your environmental impact, especially if your property does not have access to mains gas.

Heat pumps use the free supply of natural energy from the air or ground to generate heating and hot water, typically transferring three times more energy into a property as heat than is used to extract it from the air or ground.

Heat pumps are at their most efficient when operating at lower temperatures, making this technology ideal for teaming with UFH, which has a lower flow temperature than radiators.

Generate hot water with solar thermal

A solar thermal system is an efficient choice for any property, providing the majority of your home's hot water using free energy from the sun.

Installing a solar thermal system requires minimal upheaval and delivers considerable cost savings, making this type of technology a practical and cost-effective option for both new-builds and existing properties.

We will design and supply a complete, ready-to-install package including the solar hot water cylinder, solar panels and any necessary accessories.

Offsetting the cost of your renewables

Whether you're looking for an air or ground source heat pump, we will help you choose the best renewable solution for your home.

Our experienced team designs every heating system incorporating renewables to meet strict Microgeneration Certification Scheme (MCS) standards, helping you to successfully apply for the Government's Boiler Upgrade Scheme (BUS).

The Boiler Upgrade Scheme offers homeowners an upfront voucher of £5000 towards the installation of an air source heat pump and £6000 for a ground source heat pump.

Boiler Upgrade Scheme Vouchers	
Air source heat pump	£5,000
Ground source heat pump	£6,000

For more information on eligibility and how the scheme works, speak to your Account Manager.

Your dedicated Account Manager will be able to suggest Registered Installers in your area

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We have been really pleased with your Registered Installer. They were absolutely brilliant at sorting everything out and I would give them the highest recommendation to your future customers.



Supporting you and your installer

We make it as simple as possible for you to choose an installer for your Nu-Heat system. Either select an installer from our Registered Installer Network, or use your local plumber with our support.

Helping you find an installer

Nu-Heat can help you find an experienced installer in your area through our Registered Installer Network.

All Registered Installers have:

- ✓ Experience of installing a range of Nu-Heat systems
- ✓ Attended industry-approved training and obtained relevant qualifications
- ✓ Access to specialist advice and support from dedicated Nu-Heat contacts

Supporting your chosen plumber

If you already have a local plumber in mind, we can support them to install your Nu-Heat system.

We will provide your plumber with:

- ✓ Free technical support, before, during and after installation
- ✓ Access to Nu-Heat training courses and site visits
- ✓ Step-by-step installation manuals and bespoke CAD drawings tailored to your system



Questions about underfloor heating and renewables?

If you can't see the answer you are looking for here, please get in touch via info@nu-heat.co.uk or call 01404 540650.

Q Is my home suitable for UFH?

Whatever the age, size or construction of your property, the chances are it's suitable for UFH. Whether you're planning a new build, tackling an extension or giving your existing home a complete overhaul, we will design your UFH to be a perfect fit.

Q Can I have UFH upstairs?

Yes, UFH can be installed on all floors. We even have specialist acoustic UFH solutions to reduce airborne and impact noise between floors.

Q I'm renovating, will I need to dig up my floor?

No! UFH can be fitted directly on top of your existing floor, and our low-profile systems will minimise any disruption to fixtures and fittings.

Q Do I need a special boiler?

No, UFH works with gas, oil and LPG boilers as well as heat pumps. UFH can also be run alongside your existing heating system.

Q How do I control my UFH?

We'll design your UFH to give you complete control over your heating, with individual room-by-room temperature control and scheduling. You can even control the entire system from your smartphone or tablet.

Q Can I have carpet?

Yes. UFH is compatible with a wide range of floor coverings, including carpet, tiles, engineered wood and vinyl. We'll design your UFH system to work with your choice of floor coverings, providing a consistent, controllable heat.

Q How much does UFH cost to run?

Warm water UFH is really efficient – around 25% more efficient than radiators when paired with a modern condensing boiler and up to 40% more efficient when running from a heat pump*. Because of this, running costs are often lower than a traditional radiator system and around a third of the cost of an equivalent electric UFH system.

Q Why choose a designed UFH system?

Properties of all ages can be suitable for UFH, but just as no two homes are the same, neither are any two rooms in your property. We'll design your UFH using room-by-room heat loss calculations so you can be confident that your bespoke system will be tailored for your home and how you use it.





This brochure is printed on material sourced from responsibly managed forests, certified in accordance with the FSC® (Forest Stewardship Council®) and is made from 10% recovered fibre, diverting waste from landfill.

Nu-Heat

Feel the difference

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