

heating innovation centre





Design Quote Supply

Direct from Bassetts

At Bassetts, we have a proud history in the renewables sector and combine market-leading products with expert advice to help you find the right solutions for your home.

With all the focus on being as sustainable as you can there is one easy way to help cut your carbon footprint while also saving money.

Renewable technology is an effective and sustainable way to meet your home's electricity, central heating and hot water needs. Combining several technologies will greatly increase performance levels while also cutting the costs associated with fossil fuel systems.

Using standalone or combined options into an integrated system, our renewables solutions can be tailored to meet your needs.

Proven solutions

1 Underfloor heating

Warm water underfloor heating runs at far lower flow temperatures than traditional radiators, making it the most efficient heating system to pair with a heat pump.

Developed by our own heating experts, glo+ underfloor heating has been a tried and trusted solution for over 20 years.

2 Air-Source Heat Pumps (ASHPs)

A green alternative to gas and oil boilers, air-source heat pumps absorb heat from the outside air to heat your home and hot water. They can still extract heat when air temperatures are as low as -15°C .

Ground-Source Heat Pumps (GSHPs)

Ground-source heat pumps use pipes that are buried in the garden to extract heat from the ground. This heat can then be used to heat radiators, underfloor or warm air heating systems and hot water in your home.

3 Cylinders

Optimising the heat transfer process for maximum efficiency, we have a range of cylinder solutions specifically designed to work with renewable technology.

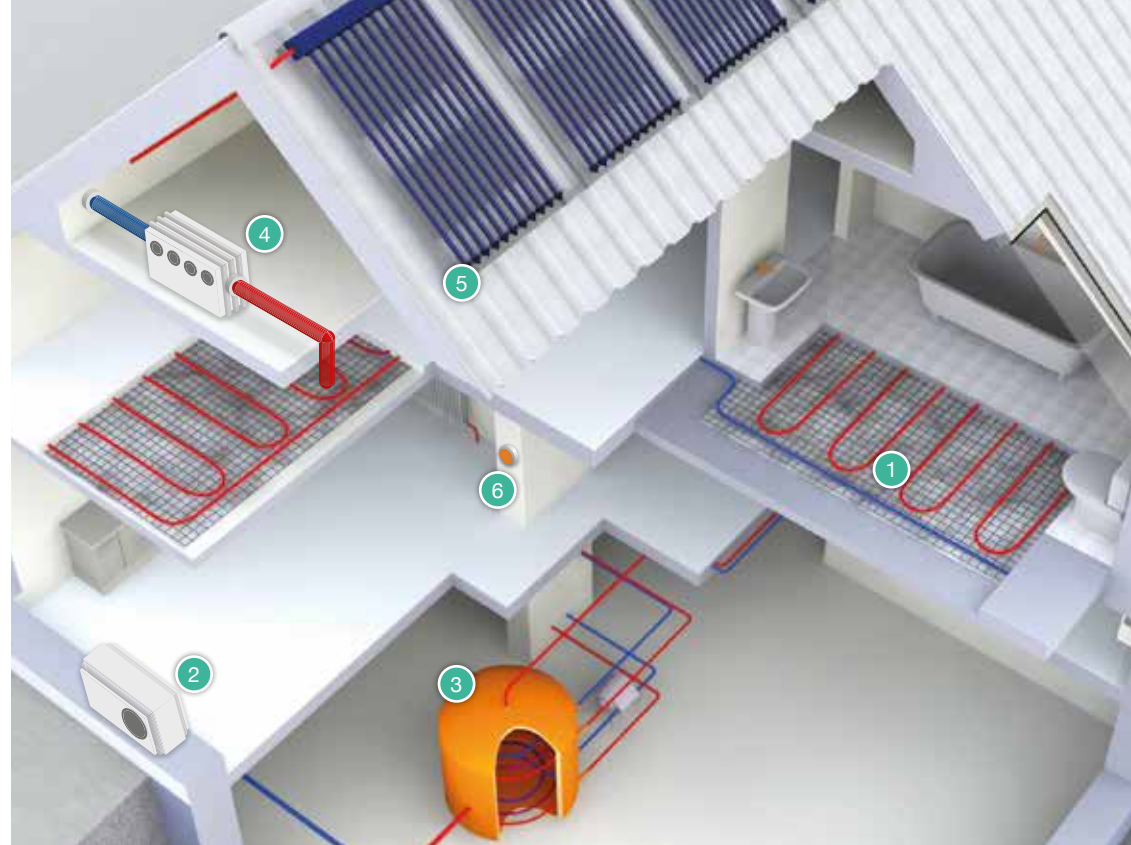
Easy to install, these cylinders maximise efficiency levels to enhance the benefits of renewable heating systems.

- Pre-plumbed, single and twin coil options
- Fast recovery stainless steel coils
- Sizes between 50–500L

4 Mechanical Ventilation and Heat Recovery (MVHR)

MVHR offers year-round, whole-home ventilation that extracts heat from stale air, condensation and pollutants.

Increasingly popular for self-build projects, MVHR systems have become a comprehensive solution.



5 Solar

As a low-cost investment option, solar can deliver considerable cost savings, making this type of renewable technology a practical and cost-effective option for both new-builds and existing properties.

- On-roof, in-roof and flat-roof mounting options
- Solar Keymark approved systems

Thanks to solar thermal panels your home's hot water requirements can be met using the sun.

6 Heating controls

Get smart by installing a system that puts you in complete control.

Boosting the effectiveness of your renewable heating systems, the cutting-edge technology behind smart controls is compatible with mobile and smart devices to allow you to easily adjust your heating from anywhere in the world.

Should I choose underfloor heating or radiators?

glo+ underfloor heating system

An underfloor heating system is ideal for use in conjunction with a heat pump. Underfloor heating utilises the entire floor area as a heat emitter, and it can heat your home with water temperatures as low as 30–38°C. These cooler temperatures significantly increase the heat pump's efficiency and help keep your operating costs down.

glo+ features one of the most advanced control systems for underfloor heating on the market. With the option of internet controls, users can operate the system from various mobile and tablet devices.

When you heat a home with radiators, you circulate hot water between 70–80°C to emit heat into the room via a small surface area. Traditional radiators are designed to work with high-temperature heat sources such as boilers, meaning they aren't ideal to be used with a heat pump.

If glo+ underfloor heating is not an option, radiators can be used; however, to maintain the heat pump's efficiency, they must be much larger – approximately two to three times the size of standard radiators.



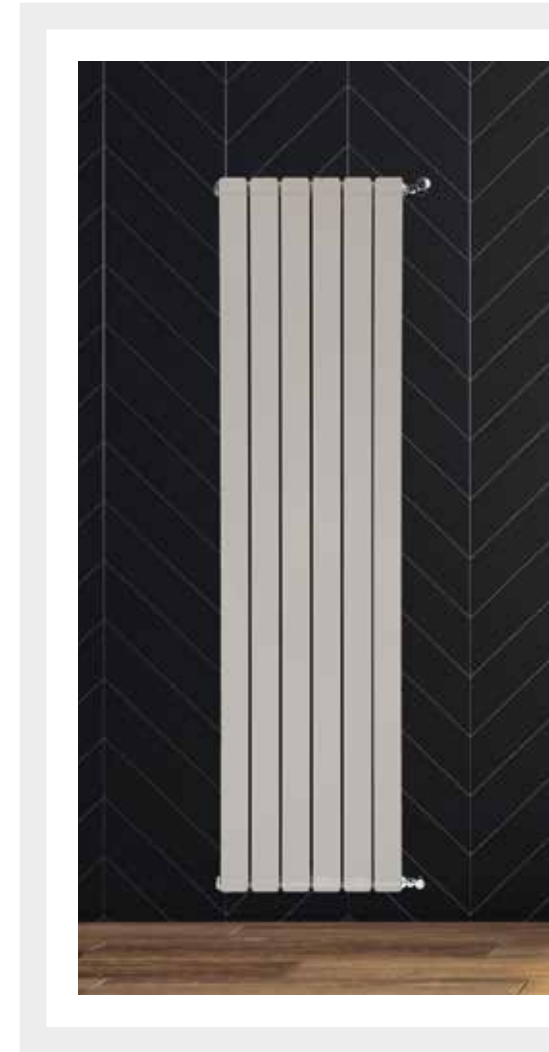
Afinia radiators

Consider Grant Afinia Aluminium radiators if you do not wish to install an underfloor heating system. Choosing to fit Grant Afinia aluminium radiators is one way homeowners can help improve their home heating efficiency.

Aluminium is an excellent thermal conductor and the Afinia radiators have very low water content so they are both effective and efficient when operating. Furthermore, when installed alongside an AERONA³ air-source heat pump, Afinia radiators can help maximise the efficiency of the heat source as well.

Heating up and cooling down very quickly, the range can deliver exceptional room comfort. This allows Afinia radiators to respond quickly to any changes in the temperature demand set by the thermostat.

Slim in build, supplied in an off-white colour finish, and with their flexible assembly options, Grant's Afinia aluminium radiators can adapt to suit many a home's bespoke requirements.



Stay warm and save money with smart controls

Controlling your heating with the proper thermostat settings saves energy and money while maintaining a comfortable temperature in your home. Adding smart thermostats to your home ensures that it maintains the ideal temperature regardless of what's going on outside—and, as an added bonus, they can save you energy and money in the process.

Smart thermostats can help keep you warm or cool as needed, but not on a rigid schedule—you can control them remotely from the app, or you can use voice control from smart speakers. More importantly, they can adapt to and learn from your actual habits.

Smart heating control benefits

- Lower your heating bills by increasing energy efficiency
- Increase the level of comfort in your home
- Contribute to climate change mitigation by reducing your greenhouse gas emissions

A simple pairing process integrates with your smart technology, providing complete control over temperature settings, timers, and multi-zone controls.

Heatmiser heating controls are designed to provide intelligent multi-zone control for the majority of heating systems, including radiators, electric and glo+ underfloor heating.

Heating controls enable complete control of your heating system via a smartphone or tablet. Wireless RF programmers, thermostats, and a WiFi gateway comprise the system.

The right device for you will be one that adapts to your home's routine and works with your chosen heating system.



Working together with home-owners and self-builders

As a tried and tested underfloor heating system, more and more home-owners and self-builders are opting for glo+.

Alongside our vast experience, we offer:

No-obligation service

We are so confident in glo+ that we provide a free design and pricing service.

Installer recommendations

We can put you in touch with reputable installers in your area to ensure your glo+ system is installed properly.

Complete service

As the experts in bathrooms, plumbing, heating and tiles, you can get all your plumbing and heating needs from one supplier.

Matthew Gilpin, Technical Manager at glo+ created a bespoke solution for a self-build project and worked with Architect Glyn Owen of The Designworks Studio to create an energy-efficient home for new self-builders, Adam and Lisa.

“Having the glo+ system in our home since 2018, has been a no-brainer. It cuts down on our energy bills and is easily managed through an app on my phone” Lisa commented.

Adam and Lisa found glo+ prices to be very competitive – essential when you are a self-builder. “Being able to control the temperature of each room individually, and set the heating according to how we use the space is so simple with an underfloor heating system. We can increase the temperature of guest rooms when we have visitors and keep them ticking over the rest of the time.”

Whatever the age, size or construction of your home, chances are it's suitable for underfloor heating. Whether you're plotting an extension, tackling a new build or giving your existing home a complete overhaul, glo+ design your underfloor heating to be the perfect fit.

The beautiful barn type dwelling with a modern extension by self-builders Adam and Lisa is simply stunning. The inclusion of glo+ underfloor heating in this County Armagh home is a welcome addition for the busy couple.



“Bassetts supplied all our bathroom needs for our new home, so it made sense to work with them on the underfloor heating, which we have installed across the ground floor. We love the heat provided by glo+ and the fact that it is so easy to set the controls is a huge advantage.”

Adam and Lisa Taylor,
County Armagh

Renewable solutions that meet the highest expectations

Project

2,500sqft self-build home

Client

Warwick McCullough,
Managing Director of HPA Architecture

Products

CTC air-source heat pump, glo+ underfloor heating system and Gledhill heat pump cylinder and buffer.

The challenge

Architect Warwick McCullough was determined to put renewable heating at the heart of his second self-build project—a beautifully modern 2,500sqft home.

Seeing renewable heating as an investment, Warwick set his sights on incorporating an air-source heat pump and underfloor heating system into his dream build.

He then set three different companies the challenge of convincing him that their solution was the best.

The solution

When you sit down with a highly experienced Architect to discuss ideas for a heating system, you can expect some difficult questions. By his own admission, Warwick interrogated the experts on every aspect of the system, from design to how easy it is to use.

But it was the simple answers provided by our technical team that convinced him that Bassetts had the required expertise and knowledge to meet the specific needs of his home.

Not only did our technical team convince Warwick that they had the right answers, but they also influenced various aspects of the build as well.

The result

Warwick opted for renewable energy because he saw it as an investment. We factored this into his decision-making process by providing an outline of the projected running costs and we matched his expectations.

Over the last five years, the average annual energy costs for this impressive home, including lighting, hot water and heat, is just £1,230.

Another determining factor for Warwick was ease of use and again we delivered.

Warwick commented, “The system that Bassetts helped me to specify for my home is even easier to operate than a normal system. My living spaces are running at 21°C and my bedrooms are running at 19°C. To set the thermostats on the wall is just a click, click, click and then I don’t have to look at it again.”

The added bonus

Warwick was delighted with the heating expertise we provided, so he was happy to also turn to Bassetts to find the right bathroom solutions for his new home.

Utilising our design services, we were able to ensure that the taps and showers worked in partnership with the renewable heating system to provide maximum efficiencies and performance levels.



“Early partnership with someone like Bassetts is key to the delivery of a sustainable heated home such as this one or many that are being built today. I cannot recommend them highly enough.”

Warwick McCullough,
Managing Director of
HPA Architecture

Expert assistance

Support for your project at every level

Our expert team will guide you through every step of the process to tailor a renewables solution to match your requirements.

Bespoke design

We can create a bespoke design for your system. In addition to CAD designs, we can work directly with your installer to provide comprehensive guidance and technical assistance.

Technical guidance

As well as providing you with comprehensive plans tailored to your installation, our expert technical team is only a phone call away if you need advice or guidance.

We can provide you with more than just heating for your self-build!

Designing a new bathroom can be fun, but it can also be extremely difficult to visualise what your unique design will look like before starting to pick products. Cue Bassetts Design Lab, an exceptional bathroom planning service that allows customers to work with a dedicated bathroom designer to create a bathroom plan, allowing greater interactivity for clients in the decision-making process.

Bassetts' expert team are on hand to explore a range of design concepts, which can be fully customised using the Design Lab.

Whether the project is complex, or more straightforward; the attention to detail will remain unchanged. Customers will experience the highest quality of service and know-how based around their project. Gain exposure and insight to Bassetts' exclusive brands and bathroom trends. Bring your inspiration from Pinterest, Houzz and Magazines; the Designer will use these to help you plan your dream bathrooms.

The service is free to all customers and is available in every Bassetts branch.

Heating Innovation Centre

Bassetts Heating Innovation Centre showcases a wide range of options for heating your home.

This innovative centre showcases all the latest heating technology, including renewables, and a number of working models.

Providing award-winning customer service and unrivalled knowledge, Bassetts delivers a bespoke design and supply service that has been tried and tested by thousands of NI home-owners.

If you are planning a self-build or thinking about renewable heating sources, speak to our technical team, and they will offer your guidance and discuss a heating plan for your project.

Contact

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Rated **Excellent** on  **Trustpilot**



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