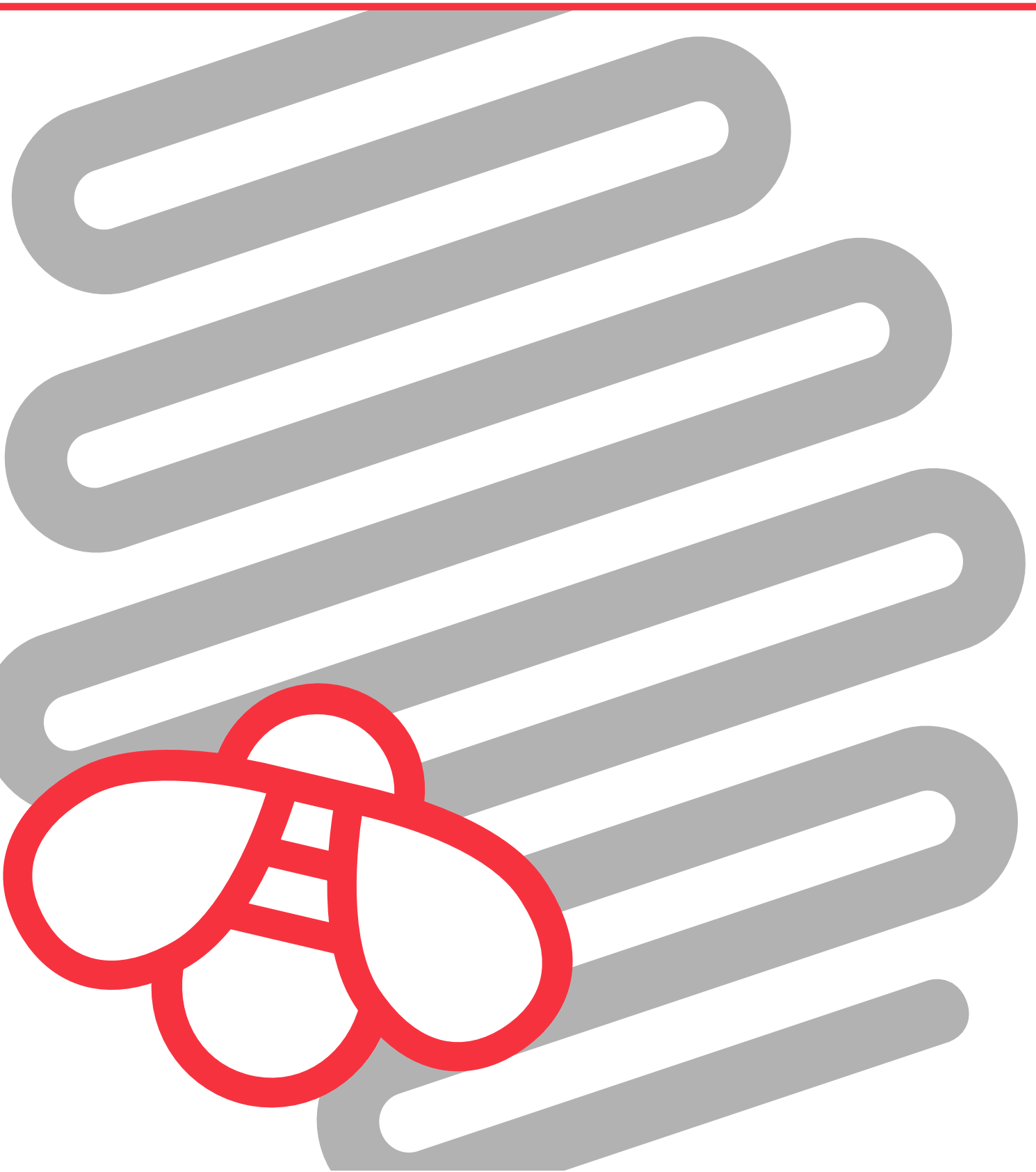


B-Hive
Supplies

Underfloor Heating Systems

www.bhiveunderfloor.co.uk



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About Us

At B-Hive Supplies Ltd we are a multi-discipline product sales and distribution company for Underfloor heating systems. Our aim is to provide good quality products at competitive prices supported by high levels of customer service.

Located in Chelmsford, Essex, we established B-Hive Supplies in 2015 to distribute and support underfloor heating and plumbing products from our UK base. We're open to trade and private customers alike nationwide.

We have achieved a reputation for excellence in fast order turnaround together with sales and technical support to our customers. From our central warehouse located in Chelmsford we are able to offer UK-wide delivery within a few days. We have a dedicated in-house design team to help you with any aspect of your underfloor heating project also offering free-of-charge no obligation quotations.

We are able to offer innovative new products to the UK market, utilising the substantial resources and back-up of our manufacturer suppliers. We can also tailor specific products & solutions to your own customer specification. For those wanting a more 'off-the-shelf' underfloor heating solution we have a comprehensive range of pre-packaged options to suit your project requirements.

Whether you're a developer, specifier, installer or home owner, please call our support department on 01245 490401 and we will be happy to help you.

Why B-Hive

- Outstanding value for money defines our approach to the market.
- Our primary goal in any transaction is to ensure our clients are absolutely satisfied with the products and the experience of buying from B-Hive.
- We're a sales company, we're here to trade. Whilst the pricing on our website is amongst the best available, if you're after a specific deal, give us a call. We'll match or beat any prices you have on like for like products, and we'll do it with a smile....
- We are fast - Efficient decision making and simple working practices ensure quick responses.
- We are good people to do business with - We keep our promises and believe in trust.
- We offer a wide range of underfloor heating and plumbing products to suit your project requirements. If you can't find what you are looking for give us a call - we are always happy to help.
- In conducting our daily business, we assume economic, social and environmental responsibility.



Why Underfloor Heating

By using an underfloor heating system it is possible to create indoor environments that offer exceptional comfort for occupants and offer energy saving efficiencies too. The radiant heat created at floor level is distributed evenly into the room for maximum comfort, compared to radiators which heat the room by convection and create warm pockets of air.

Some of the benefits of UFH:

- Gives complete freedom for interior design, perfectly supporting minimalist styling with clean, uncluttered lines and open-plan living.
- There is no wasted space with underfloor heating and no restrictions on furniture positioning.
- The lower water running temperature requires less energy, reduces heating bills and lowers CO2 emissions.
- Continuous loops of pipe in the floor promotes the smooth flow of water around the system, minimising noise for a more comfortable environment.
- Lower running temperatures make underfloor heating ideal for use with renewable technologies.



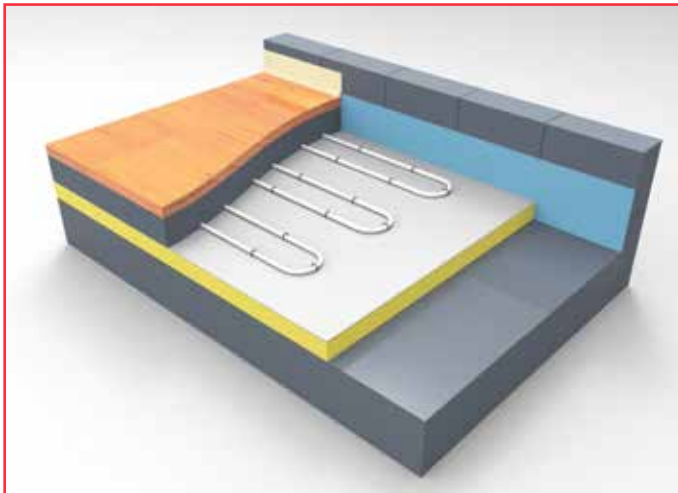
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Floor Constructions

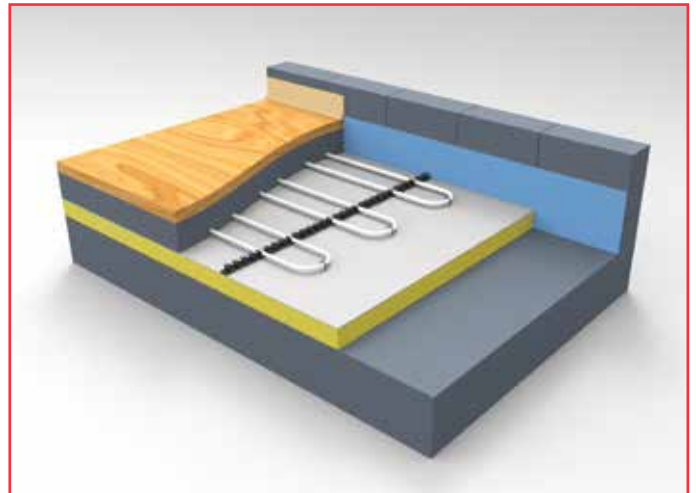
Underfloor heating is fully compatible with a range of floor constructions such as timber or masonry, in both new-build and retrofit applications and on ground and upper floors. Here are some of the system configurations we offer at B-Hive:

Screed Floor With Clips



Concrete floor with underfloor heating pipes laid on top of floor grade insulation board with a screed covering. The pipes are secured using clips pressed into the insulation.

Screed Floor With Clip Rail



Concrete floor with underfloor heating pipes laid on top of floor grade insulation board with a screed covering. The pipes are secured using clip rails applied to the top of the insulation.

Various Over-Lay Options Available



Suspended timber floor upgraded with a gypsum over-lay board as a low profile retrofit underfloor heating option.

Timber Suspended Floor with Heat Emission Plates



Suspended timber floor with insulation located between the joists and aluminium heat emission plates supporting the underfloor heating pipes sitting below a timber deck. For new-build or refurbishment applications where the floorboards are lifted.

Pipe Systems

At B-Hive we can offer 4 different products to suit your specific requirements and budgets. Our preferred product, included within our Kits and designed projects is the European manufactured WRAS Approved Multi-layered Pert-Al-Pert pipe. The aluminium core provides strength, acts as an oxygen barrier (to prolong the life of system components) and aids the installer as once placed in position it is less prone to springing back to its coiled position. The aluminium layer also improves the heat exchange from the hot water into the floor.

16mm Pipe

Our Pert-Al-Pert 16mm underfloor heating pipe is available in a variety of coil lengths to suit your specific requirements. Incredibly strong and durable this product has a €2 Million collateral damage warranty and is rated at 10Bar and 95°C.

Light weight, 100% oxygen proof and without the traditional spring back associated with plastic pipes, this product is amongst the best available on the market.

Key features:

- WRAS Approved.
- European Manufactured.
- Easily installed.
- Industry leading 50 Year Guarantee.
- Off-cuts can be used on other heating and plumbing projects.
- Full range of fittings available.

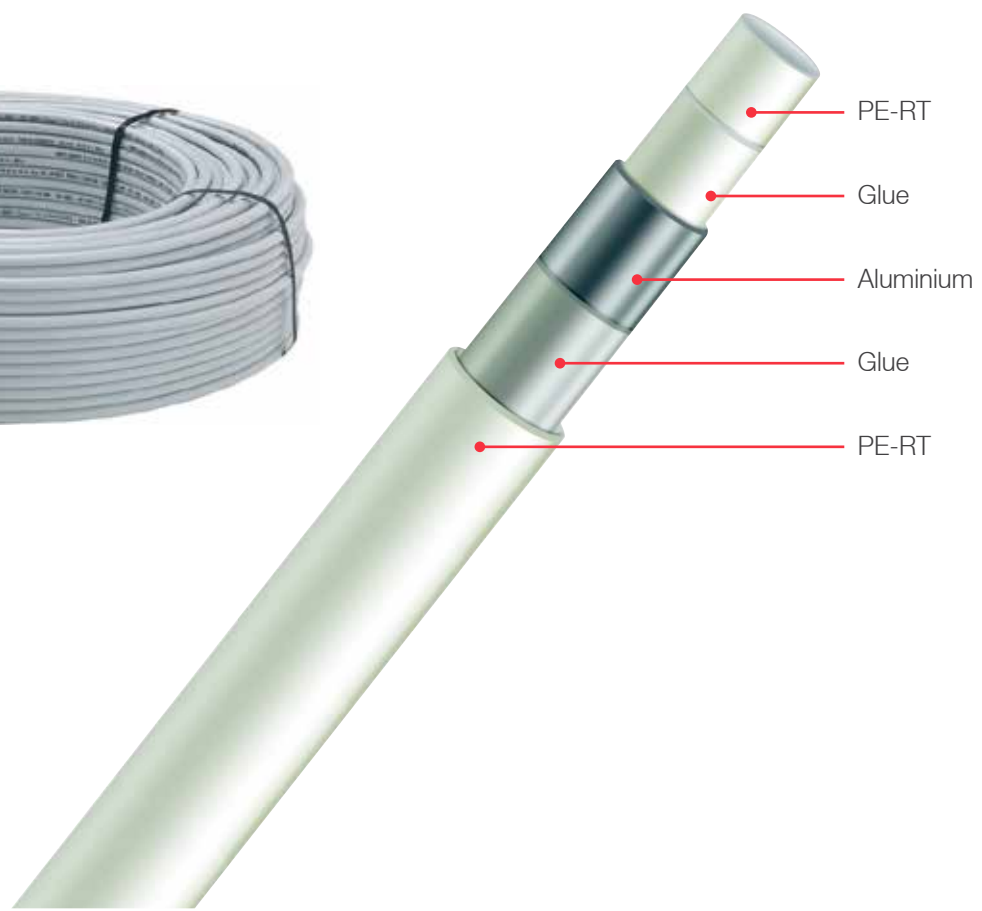
12mm Pipe

Our Pex-Al-Pex 12mm underfloor heating pipe is incredibly strong and durable and is rated at 10Bar and 95°C.

Light weight, 100% oxygen proof and without the traditional spring back associated with plastic pipes, this product easily installed, technically advanced and very strong.

Key features:

- 100 Metre coils.
- High quality five-layer pipe including aluminium core.
- Formstable - No position memory, so no spring-back when installing.
- 50 Year Guarantee.



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Water Temperature Controls

Generally, underfloor heating systems will run at lower temperatures than traditional radiator systems meaning that water blending controls like our B-Hive Pump Set are required; this is used in conjunction with a manifold which provides centralised access and distribution. The manifold allows for every loop of UFH pipe to be connected to and from this central point in a single continuous length without the need for fittings.



Manifolds

Our manifolds are high quality Nickel plated brass manifolds pre-assembled for immediate mounting (These manifolds can also be used for radiator installations).

Available in 2 - 12 port sizes (each port connects a loop of UFH pipe) and complete with – Isolating ball valves, adjustable flow meters, fill and drain points, automatic air vents and pipe connectors (16x2mm unless otherwise specified).

Key features:

- Available in 1", from 2 to 12 port with integrated flow control valves.
- Manifold flow and return bars are offset for space saving and ease of pipe installation.
- Ball valves, fittings and pipe connectors for a wide range of pipe types and sizes are also available.

Pump Sets

The B-Hive 'A' rated pump pack provides temperature controlled water mixing to your underfloor heating manifold. Capable of up to heat output up to 15kW. Specifically designed to be lightweight and compact, our packs connect directly to your manifold with no need for additional wall mounting brackets. Including an "A" rated pump, blending valve and manifold adaptors, our pump pack makes for a straightforward and reliable installation.

Key features:

- Provides adjustable water blending for the most efficient system.
- Adjustable between 35°C to 65°C (Set at 45°C).
- Outputs up to 15kW.

Air Temperature Controls

At B-Hive we offer a wide range of controls to create a comfortable indoor environment. An advantage of using manifold based underfloor heating is the possibility for each individual room in the building to have its own thermostat and individual temperature control allowing the user to tailor the heating in the building to suit their needs and save money on heating bills.



Neo Smart Thermostats

With our app controlled heating system the user can access from anywhere in the world. We offer a range of options within the Neo range:

The Heatmiser **neoStat** is 230V powered and able to operate in Timer or Heating Mode and can be used with remote sensors.

The **neoAir** is ideal for those looking for a totally wire free App controllable solution for your heating & hot water.

Heatmiser Slimline Thermostats

The Heatmiser Slimline is a 230V powered Thermostat and is the ideal upgrade route for those with an existing mains powered thermostat. The Slimline Thermostat can be set to work as a non programmable, 5/2 day or 7 day programmable thermostat.

Multi-Layer Composite Pipe and Fittings

We offer a range of solutions for branch plumbing applications. MLCP offers the combined benefits of copper in terms of expansion and durability but has the advantage of having little or no scrap value, no need for hot works, and being ultra-flexible just like other plastic systems. Fully WRAS approved and available in sizes 16, 20, 25 & 32mm our system has a full range of fittings and adaptors for your project.



Flexible Gas Pipe and Fittings

At B-Hive we are delighted to introduce our new supplier partner, FlexiGas™. Our solutions are ideal for those looking for an efficient, lightweight, flexible alternative to rigid copper or steel that could offer up to a 50-75% time saving on site.

The pipe is easily manipulated by hand to pass through interior spaces, resulting in fewer fittings being required. The unique FlexiGas™ fittings ensure a secure seal in a matter of seconds without the need for any specialist tools. Designed for all domestic and commercial Gas applications including new installations, repairs and extensions, the FlexiGas™ system will save you time and money.



Panel Radiators and Towel Rails

Our B-Hive Compatto Panel radiators are made from high quality 1.15mm steel and supplied complete with wall brackets, plug & air vent, top grille and side panels. Our B-Hive Compatto carries a 10-year guarantee against any manufacturer faults.



Phone:

01245 490 401 (9.00am - 5.00pm)

Address:

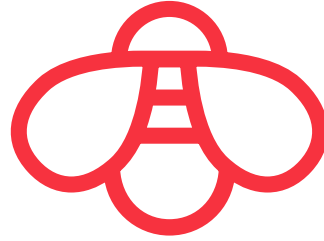
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