



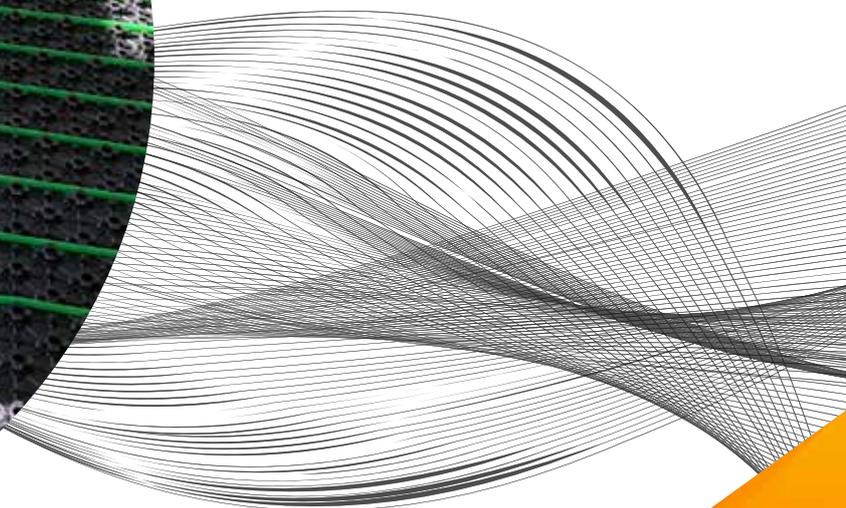
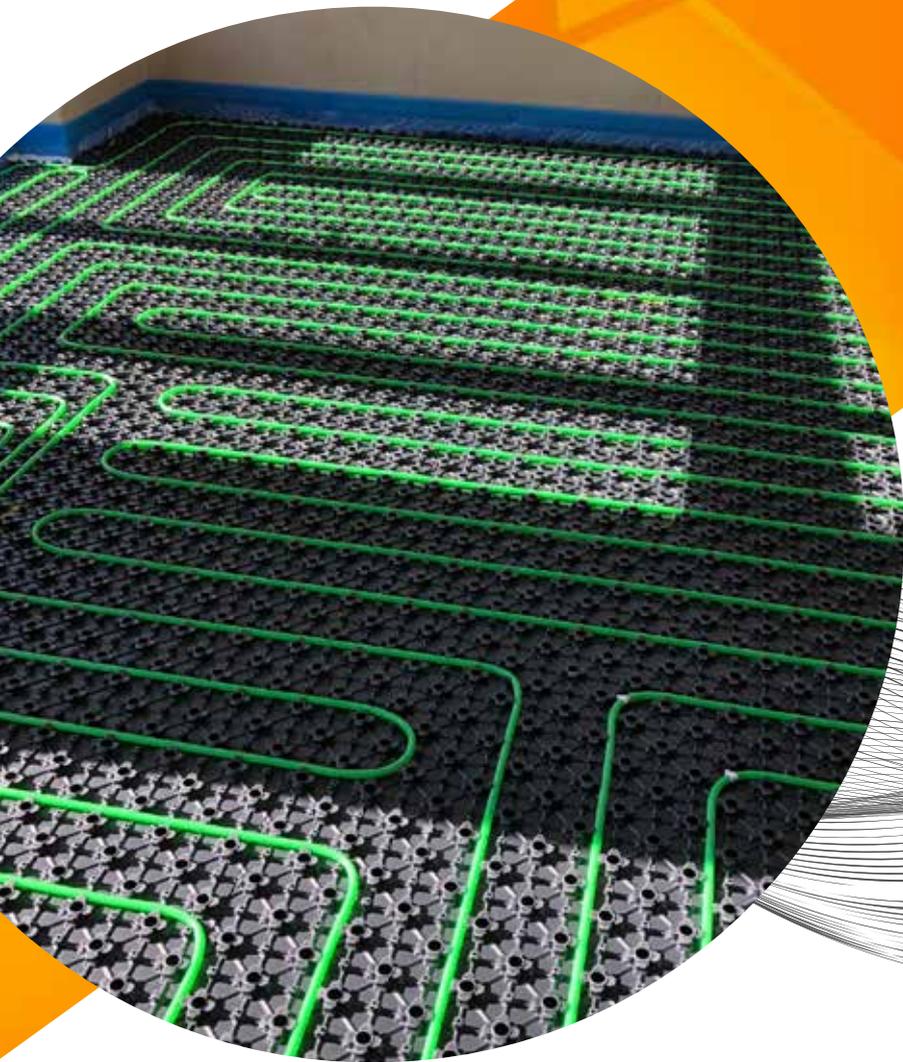
HydroHeat

UNDERFLOOR HEATING LTD

Brochure



2019



HydroHeat

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Underfloor Heating

Underfloor heating systems are becoming the most popular form of heating for both domestic and commercial buildings within the UK. It provides extra space and clean decorative finishes when compared to radiators and there is no need to worry about sharp edges or hot surfaces. Underfloor heating helps provide cleaner air by reducing the circulation of dust and bacteria caused by convection currents.

HydroHeat underfloor heating provides increased efficiency when compared to traditional radiators, because underfloor heating runs at much lower temperatures than other heating systems due to the increased surface of the heat output area. This works well in combination with efficient condensing boilers, heat pumps and other energy efficient heat sources.

Why Underfloor Heating?

Radiators provide a single heat spot within the room, the heat energy transfers by process of the convection. Due to the temperature difference, the hot air tends to rise, whereas the colder air tends to fall, this creates a current within the room, causing increased air movement aiding the spread of dust and bacteria. Underfloor heating creates a comfortable, evenly distributed heat and a clean environment within the living space. Plastic pipes which are embedded within the floor, spread across the entire available space, transfers the heat from the water into the embedded surface. The heat is then dissipated into the living area, evenly across the entire room. Underfloor heating uses a low temperature hot water when compared to radiators. All these factors combined creates the ideal comfort conditions whilst saving you money and energy.

Why HydroHeat Underfloor Heating?

HydroHeat has a wealth of experience within the plumbing and heating industry, but more importantly within the underfloor heating sector. HydroHeat staff are trained to the highest standards and we only use cutting edge software to provide quotations and floor pipe layout designs.

PE-RT Pipe

HydroHeat heating pipe is produced and tested within the EU and is of the highest quality and reliability, providing superior performance where it's needed. Being manufactured to the highest quality enables us to offer a 50-year guarantee on all pipe with 10-year assurance against collateral damage.

The pipe is made up of PE-RT type 1 resin and can be used at a temperature range of 5°C to 80°C. This Polyethylene raised temperature pipe is made of 5 layers. The first and fifth layer is made up of PE-RT type 1 resin, the second and fourth layer is an adhesive layer for fixing the third layer the EVOH oxygen barrier layer, this layer guarantees that the pipe prevents oxygen diffusion. The pipe is impermeable to oxygen diffusion in accordance with DIN 4726.

Maximum Circuit Lengths:

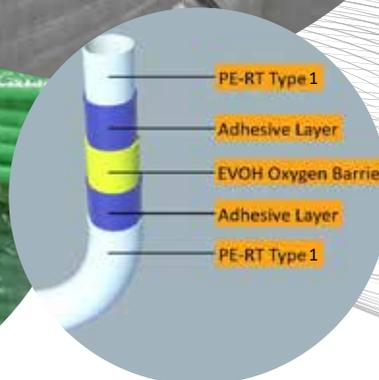
16mm Pipe - 100 meters

12mm Pipe - 80 meters

And we offer the offering coil lengths:

16mm Pipe - 75m, 100m, 150m & 500m

12mm Pipe - 80m, 120m & 240m



Features & Benefits

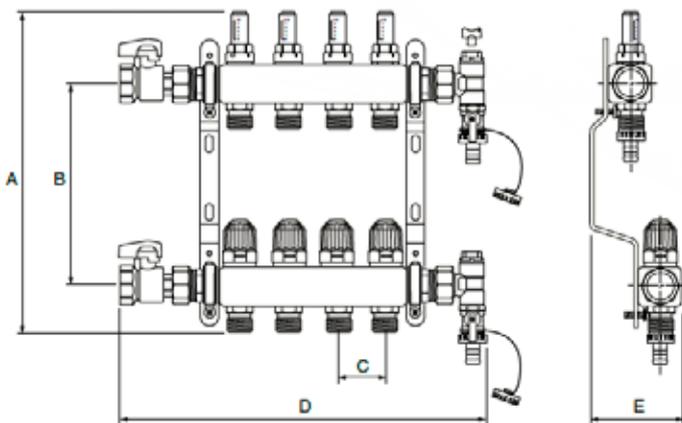
- Manufactured according to EN ISO 15875
- EVOH layer oxygen barrier in accordance with DIN 4726
- Operational range 5°C - 80°C (short-term peak charges of up to 95°C at an internal hydrostatic pressure of 6 bar at most is supported without any issues)
- Easy to handle, lightweight, flexible allowing easy bending and curving into the tightest of spaces
- Highly durable and robust under the harsh installation conditions
- Pipe markings every meter displaying the number of linear meters from the beginning of the roll, aiding installation
- 50-year guarantee, 10-year assurance against collateral damage

Manifold

All HydroHeat underfloor heating manifolds are manufactured in the UK by market leaders Reliance Water Controls. Our manifold kits are made from high grade 304 stainless steel and come part pre-assembled on installation brackets with ball valves, manual air vents, fill and drain points, wall mounting plugs and identity labels for each zone to enable a swift and effortless installation. HydroHeat offer dedicated sales and technical advice to aid with the costing and commissioning of all underfloor heating manifolds.

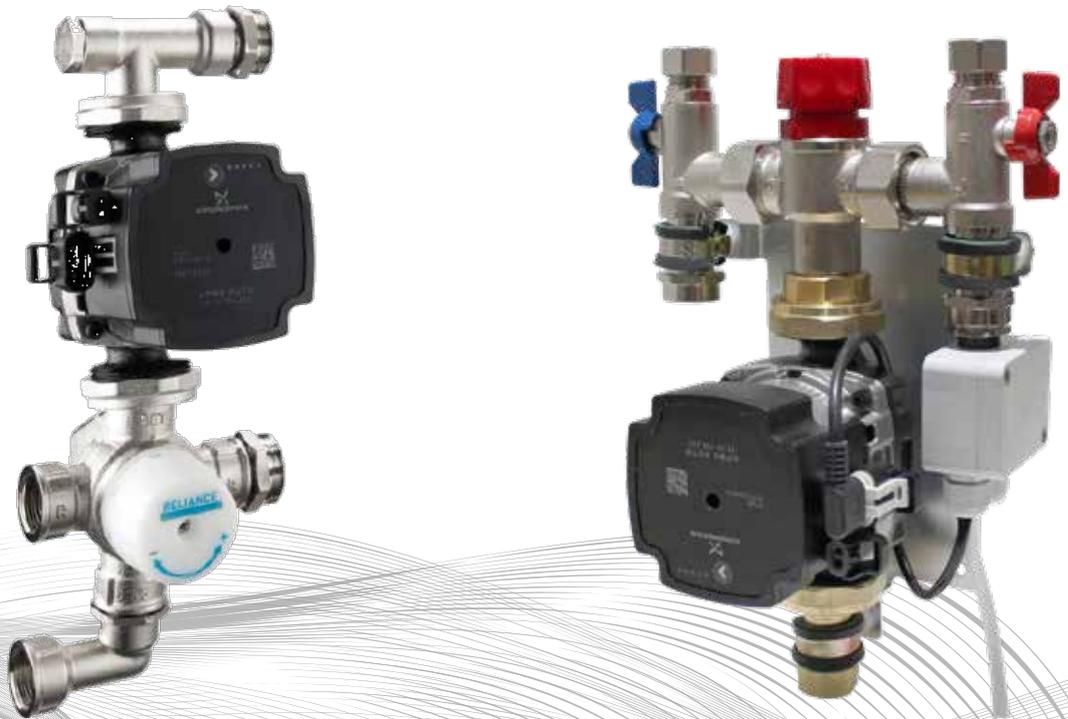
Specification

- Material: 304 stainless steel
- End connection size: 1" FBSP
- Working pressure: 6 bar maximum
- Maximum working temperature: 60°C
- Size variation: 2 - 12 ports



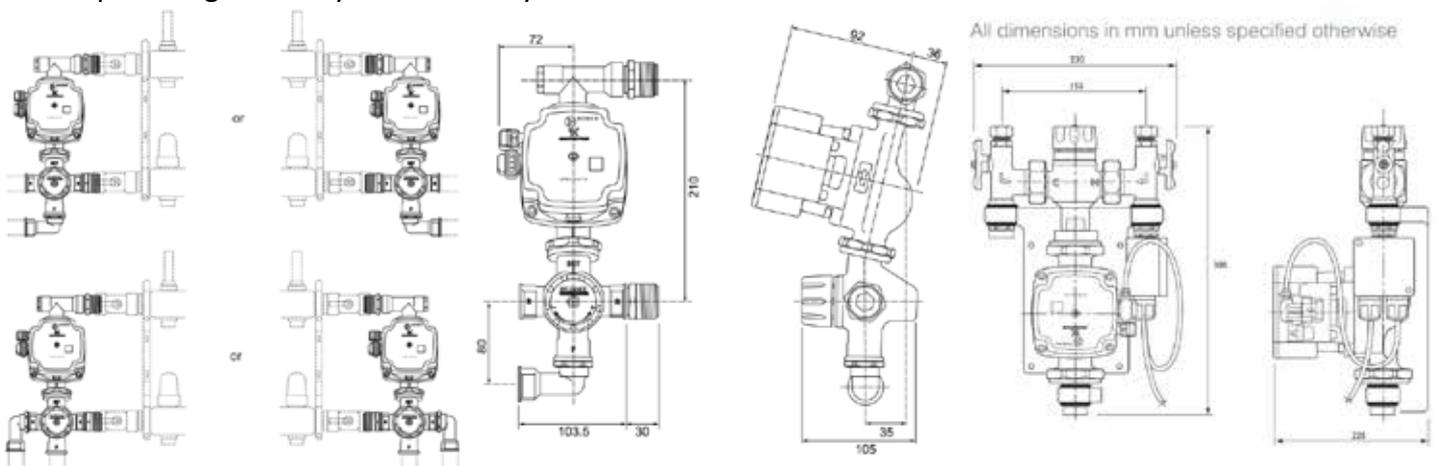
Manifold	A	B	C	D	E
2 Port	325 mm	210 mm	50 mm	276 mm	90 mm
3 Port	325 mm	210 mm	50 mm	326 mm	90 mm
4 Port	325 mm	210 mm	50 mm	376 mm	90 mm
5 Port	325 mm	210 mm	50 mm	426 mm	90 mm
6 Port	325 mm	210 mm	50 mm	476 mm	90 mm
7 Port	325 mm	210 mm	50 mm	526 mm	90 mm
8 Port	325 mm	210 mm	50 mm	576 mm	90 mm
9 Port	325 mm	210 mm	50 mm	626 mm	90 mm
10 Port	325 mm	210 mm	50 mm	676 mm	90 mm
11 Port	325 mm	210 mm	50 mm	726 mm	90 mm
12 Port	325 mm	210 mm	50 mm	776 mm	90 mm

Control & Mixer Pack



HydroHeat Thermoguard underfloor heating control packs are also manufactured by Reliance Water Controls and are developed to enable efficient control of the heating water. They are designed to work with manifolds of all types to provide temperature controlled mixed water to a multi-zone underfloor heating system with a heat output of up to 14kW. Our control packs have a simple set up with an adjustable range of 25°C to 60°C and are able to control flow temperature even with changing boiler flow and return temperatures. The HydroHeat Thermoguard mixer is able to be positioned on either side of the manifold and can accept the primary flows from either the side or from below, as pictured.

Both our single room mixer and manifold control kit come with the Grundfos UPM3 Auto pump providing reliability and efficiency.



RELIANCE
WATER CONTROLS



Floor Covering

Whilst each system has its own specification with regards to each floor covering, this is a rough guide should you require further information on your system please call our office

Tiles

Tiles offer the best thermal conductivity which makes them ideal floor coverings when used in conjunction with underfloor heating. When fitting these products an anti-fracture mat and flexible adhesive must be used to accommodate expansion and contraction and to restrict the possibility of the floor covering cracking or coming loose.

Wood/Laminate

Wooden flooring works well with underfloor heating, however care must be taken to ensure that any temperature limit is not exceeded by the heat output. Most wooden flooring cannot exceed a temperature of 27°C, which can be taken into account when designing our systems. In instances where the temperature limit is 27°C or below, a floor probe can be supplied to keep the heat output to the required level. Always check the flooring manufacturer instructions.

Carpets

It is a common misconception that carpets cannot be used with underfloor heating, however this is not the case. This type of flooring offers the highest thermal resistance which must be taken into account when designing the system. Ideally an underlay specifically for underfloor heating will be needed and when combined with the carpet cannot go over 2.5 TOG

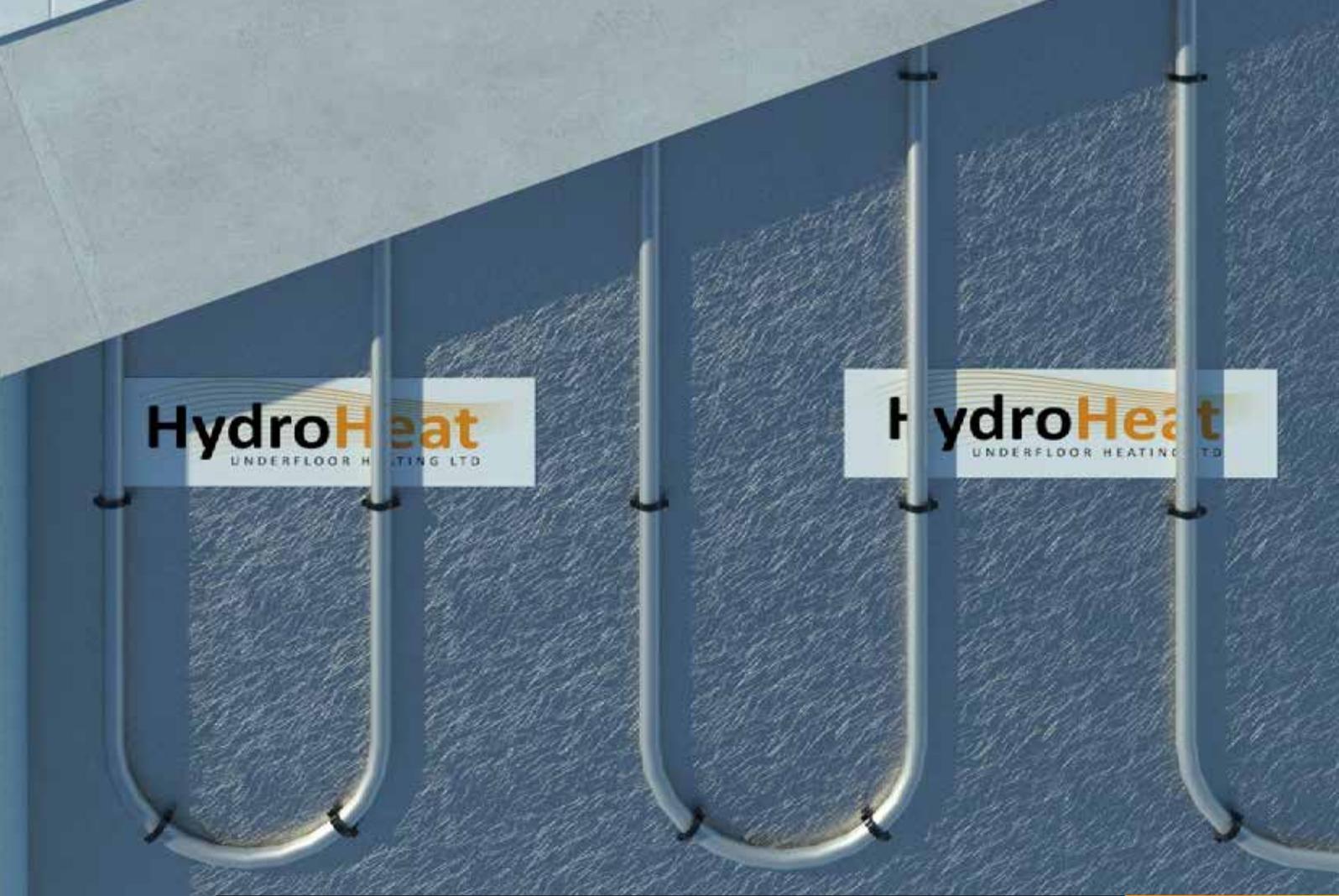
Vinyl

Vinyl flooring can work very well with underfloor heating but there is an upper limit of 27°C the system floor temperature should not exceed. Vinyl flooring used in conjunction with UFH is becoming more commonplace as professional, high quality finishes can be achieved with luxury vinyl tiling. Always follow the floor manufacturers installation instructions

Screed Systems

Screed systems rely on thermal conductivity to transfer heat from the pipework, encased in the screed, to the finished floor. These systems are ideal for ground floor underfloor heating in both new builds and existing properties along with extensions and conservatories. Recent advancements within the building industry now mean that a screed system is not just a ground floor solution and is now being implemented on upper floor levels. With an approximate heat output of over 100W/m² and an even distribution of heat, this is the most efficient type of underfloor heating system currently available on the market. Our screed systems comprise of three main fixing methods: staples, clip rail and clip plate. All three products can produce equal heat outputs, the notable benefits from each product is a balance of cost vs. speed of installation.





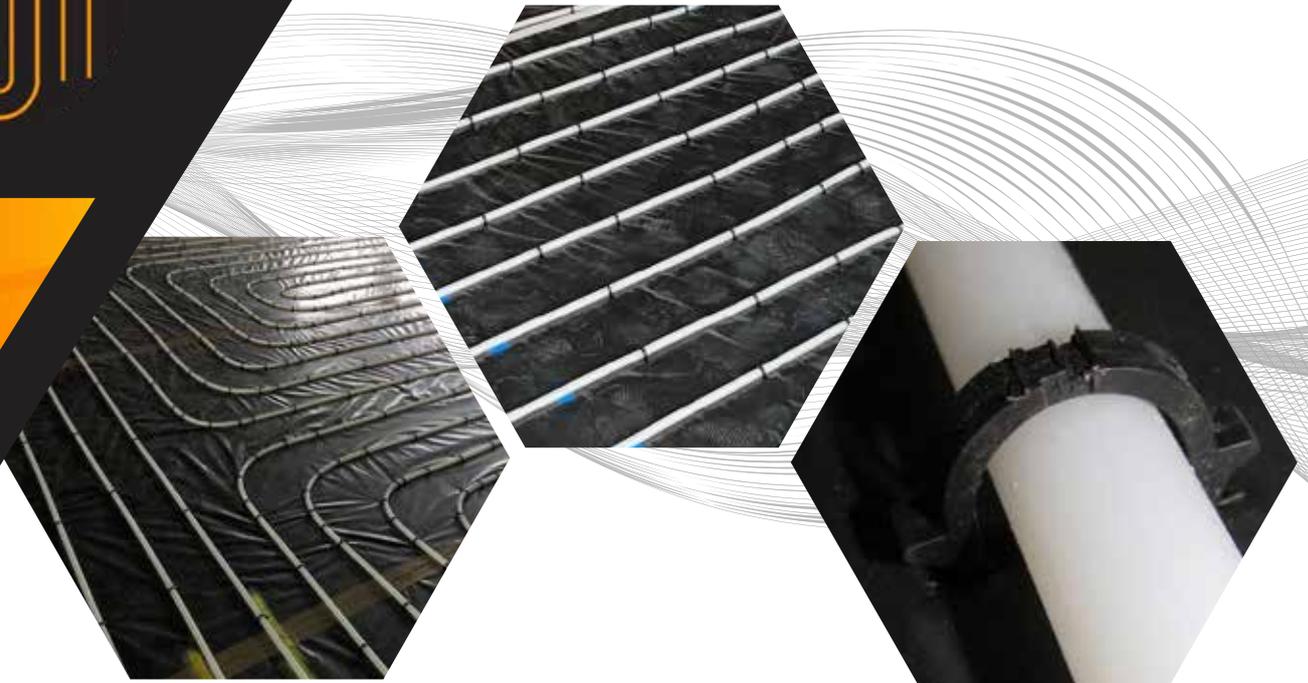
Screed Staples

This is an easy to install, cost effective system. The pipework is fixed to the insulation using barbed staples allowing a large degree of manoeuvrability enabling more flexibility when working with irregular shaped areas. Screed systems boast heat outputs of over $100\text{W}/\text{m}^2$, making them the ideal partner for areas where build up height isn't an issue.



Features & benefits

- Made from high strength polypropylene
- Suitable for 15-20mm pipework
- 50mm boxes include 250 staples
- 40mm boxes include 300 staples
- Can be used with traditional and liquid screed
- Cost effective
- Quick and simple installation
- Outputs of over 100W/m²



Project suitability

- All house types new or existing where the floor height allows
- Good for large irregular shaped rooms
- Over solid concrete or block and beam
- Where height build up is not an issue

Mean Water Temp (°C)	Room Temp (°C)	Tiled Floors		Wood Floors*		Carpet Floors	
		150 CC W/m ²	200 CC W/m ²	150 CC W/m ²	200 CC W/m ²	150 CC W/m ²	200 CC W/m ²
30	20	55.5	47.9	41.2	36.3	33.0	30.0
35	20	84.3	72.7	62.5	55.1	50.1	45.5
40	20	112.8	97.3	83.7	73.8	67.1	61
45	20	141.3	121.9	104.8	92.5	84.1	76.4
50	20	169.7	146.4	125.9	111.1	101	91.7

*Wood floors should not exceed 27°C



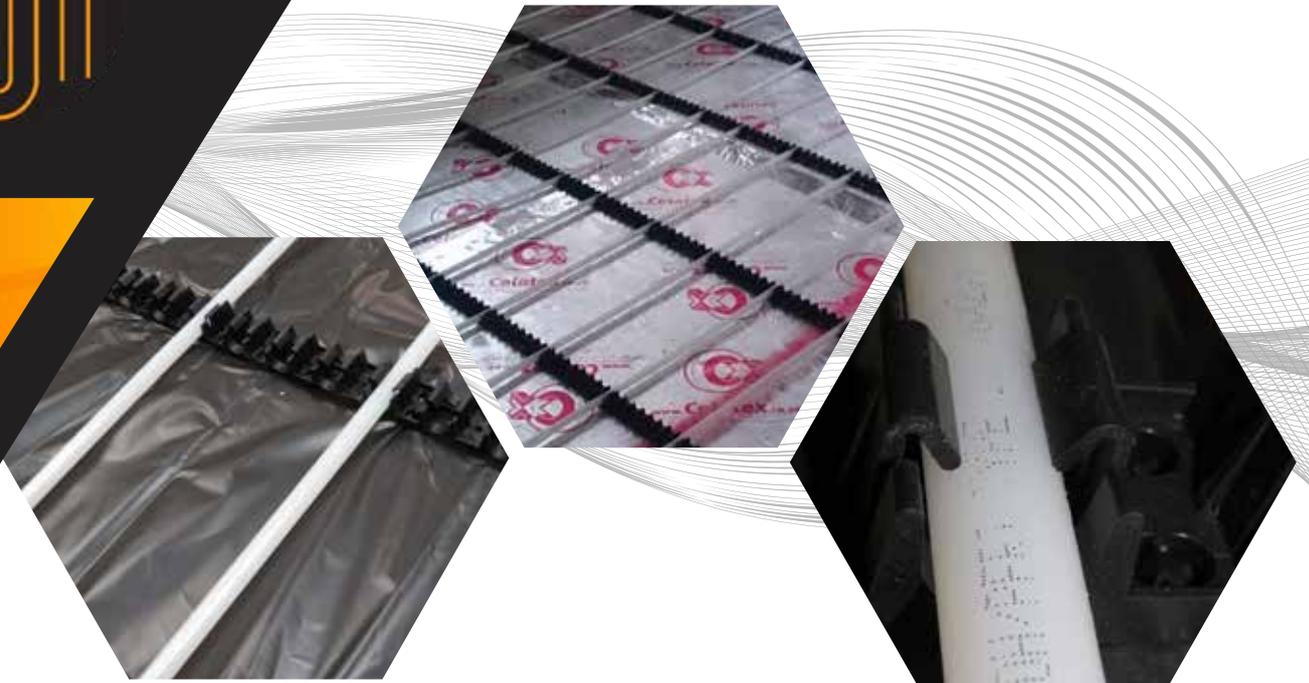
Screed Clip Rail

HydroHeat Clip-Rail offers a fast installation and provides multiple fixings across the floor space. Clip-rail is supplied in one meter lengths with barbed clips and interlocking fixings, so you can join multiple rails together. The pipe can be spaced as little as 50mm apart, with 16-20mm pipe accepted within the clips.



Features & benefits

- Multiple mounting points
- Suitable for 16-20mm pipe
- 1000mm x 40mm x 28mm (LxWxH)
- Can be used with traditional and liquid screeds
- Provides ready-made pipe spacings at 50mm
- Quick and simple installation
- Outputs of over 100W/m²

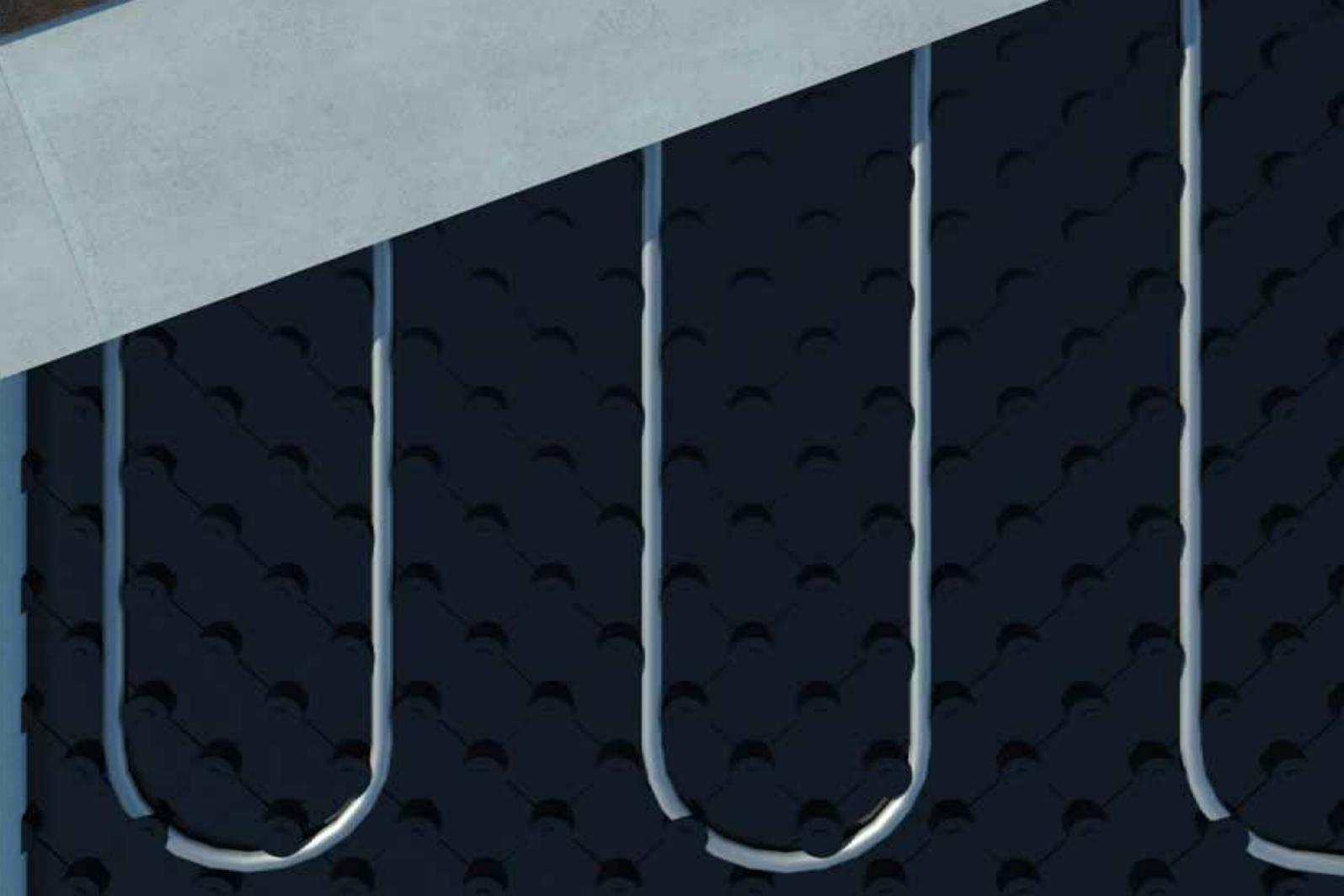


Project suitability

- All house types new or existing where the floor height allows
- Good for large irregular shaped rooms
- Over solid concrete or block and beam
- Where height build up is not an issue

Mean Water Temp (°C)	Room Temp (°C)	Tiled Floors		Wood Floors*		Carpet Floors	
		150 CC W/m ²	200 CC W/m ²	150 CC W/m ²	200 CC W/m ²	150 CC W/m ²	200 CC W/m ²
30	20	55.5	47.9	41.2	36.3	33.0	30.0
35	20	84.3	72.7	62.5	55.1	50.1	45.5
40	20	112.8	97.3	83.7	73.8	67.1	61
45	20	141.3	121.9	104.8	92.5	84.1	76.4
50	20	169.7	146.4	125.9	111.1	101	91.7

*Wood floors should not exceed 27°C



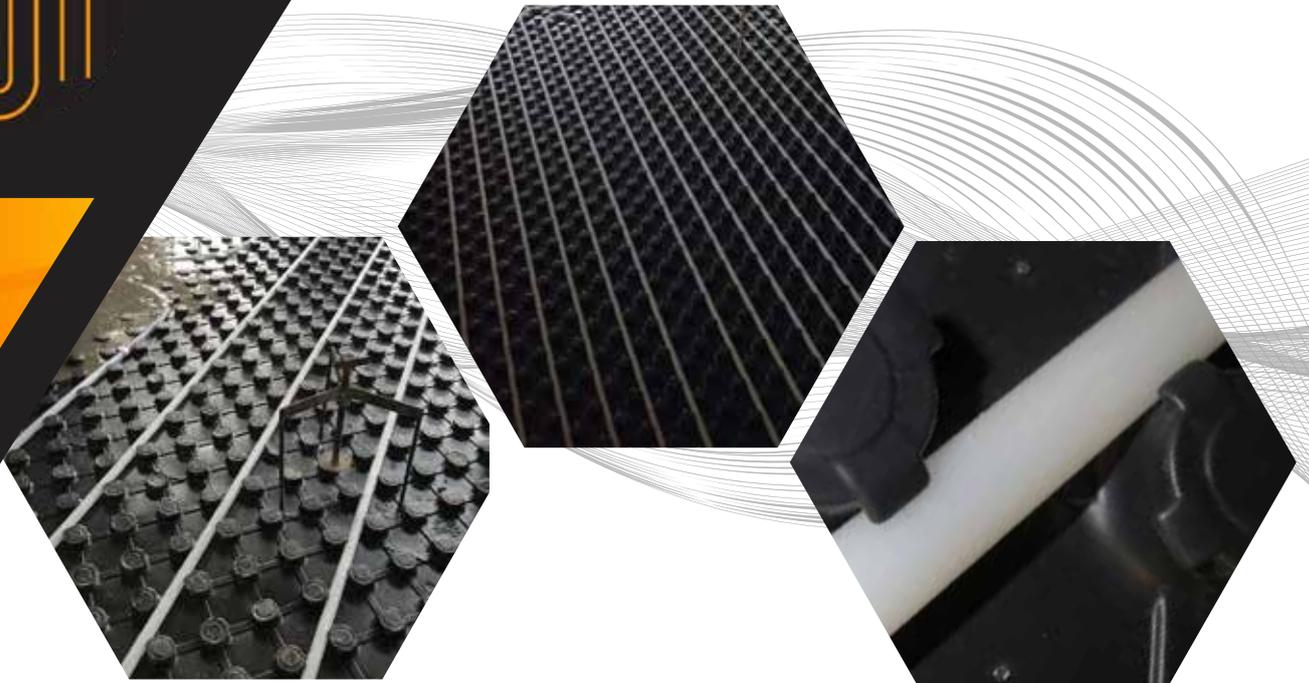
Screed Clip Plate

HydroHeat Clip-Plate is a fast and effective method of laying underfloor heating in a screed floor. The pre-made pipe spacings allow for a reduced installation times and also acts as protection from site traffic whilst the screed is being laid. There is also no need for a DPM with this system as the interlocking mats cover the whole floor. This system also allows for pipes to be installed onto a surface that cannot accommodate staples due to the minimal insulation depths.



Features & benefits

- Suitable for 14-17mm pipework
- Easy one man install
- 1450mm x 800mm x 21mm (LxWxH)
- Can be used with traditional and liquid screed
- Provides ready made pipe spacings at 50mm increments
- Quick and simple installation
- Outputs of over 100W/m²



Project suitability

- All house types new or existing where the floor height allows
- Good for large regular shaped rooms
- Over solid concrete or block and beam
- Where height build up is not an issue

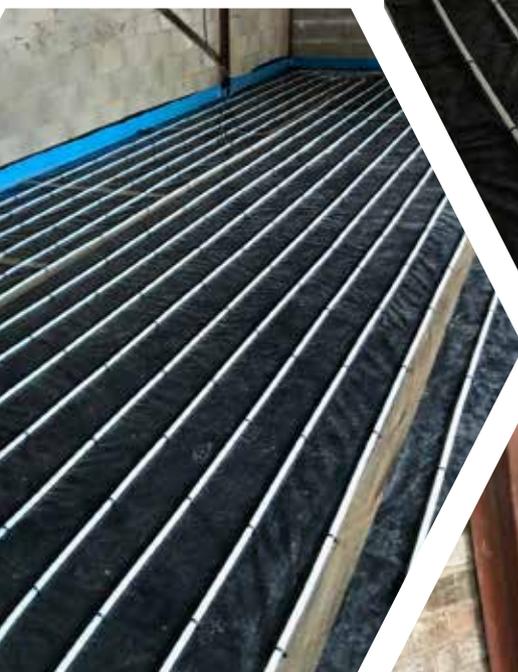
Mean Water Temp (°C)	Room Temp (°C)	Tiled Floors		Wood Floors*		Carpet Floors	
		150 CC W/m ²	200 CC W/m ²	150 CC W/m ²	200 CC W/m ²	150 CC W/m ²	200 CC W/m ²
30	20	55.5	47.9	41.2	36.3	33.0	30.0
35	20	84.3	72.7	62.5	55.1	50.1	45.5
40	20	112.8	97.3	83.7	73.8	67.1	61
45	20	141.3	121.9	104.8	92.5	84.1	76.4
50	20	169.7	146.4	125.9	111.1	101	91.7

*Wood floors should not exceed 27°C

Case Study

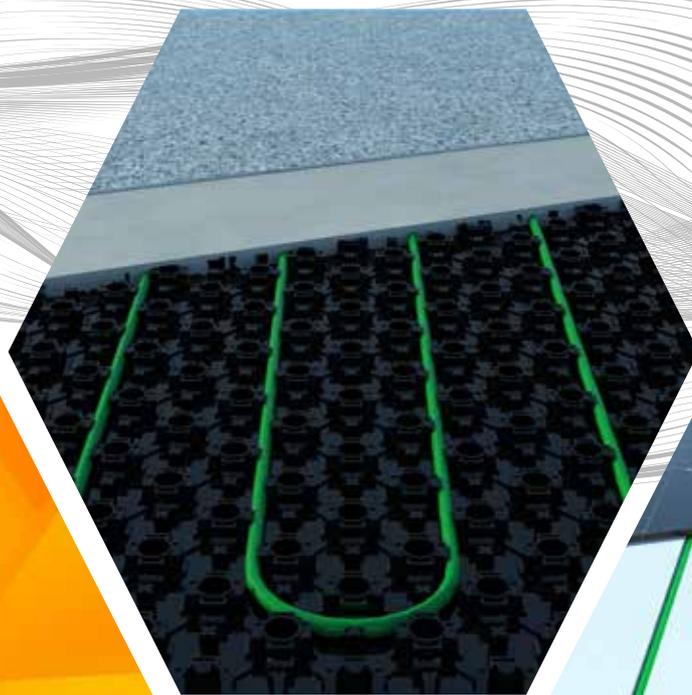
Brae Cottage

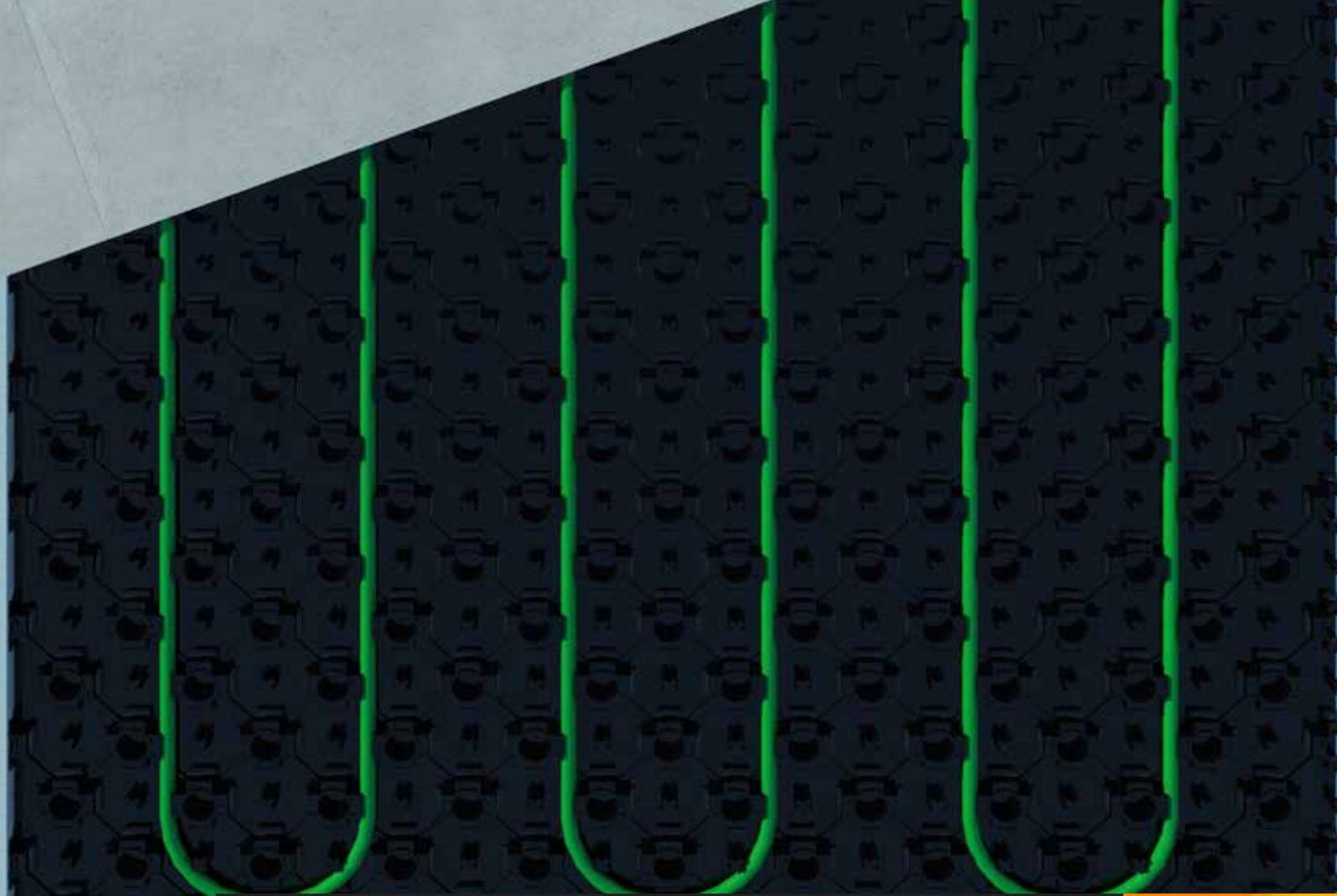
System: Screed staples
Manifold: 9 port
Heat source: Boiler
Controls: Heatmiser Neo



Low Profile Systems

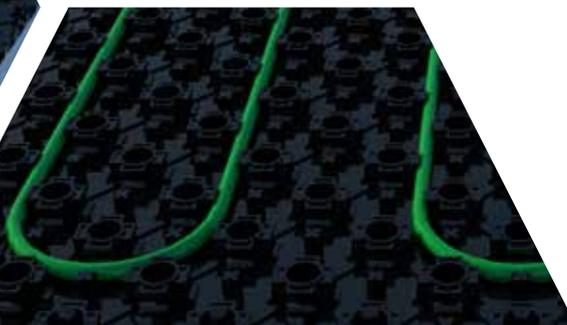
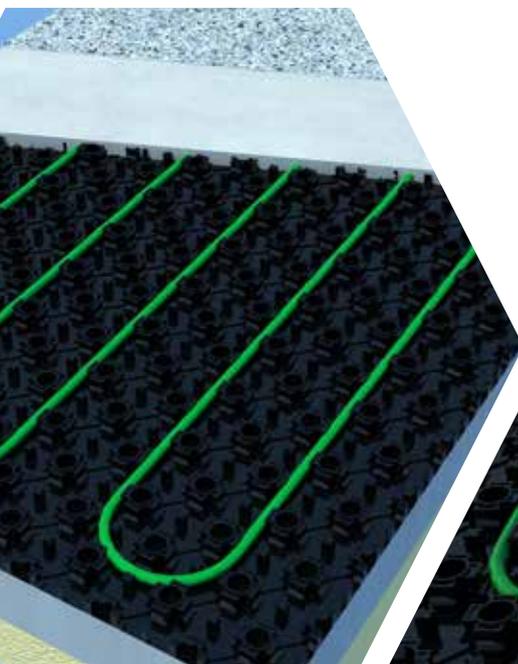
As underfloor heating has become more popular, more people are looking to implement it into their home. Low profile systems offer a simple yet effective solution for installation into existing properties as it can be laid directly onto an existing floor with minimal.





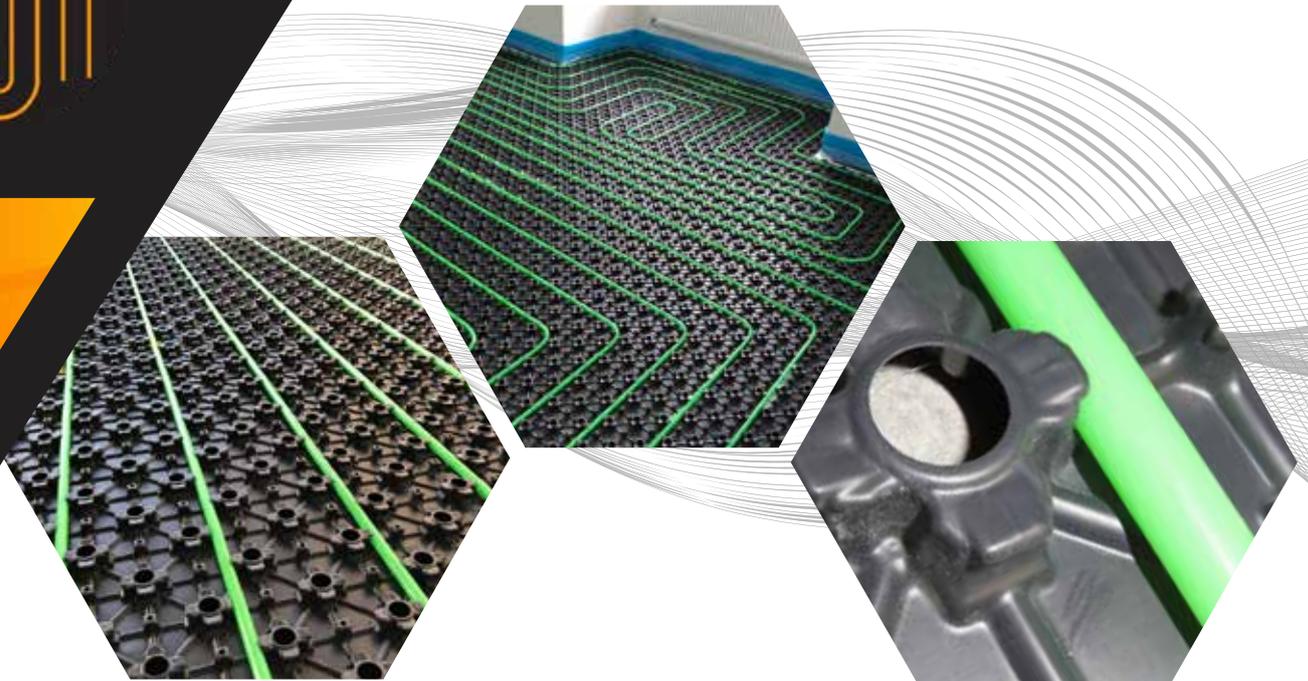
Hydro Lo-Screed

Hydro Lo-Screed brings together low build up height benefits as well as high heat outputs and ease of installation. Hydro Lo-Screed system uses a Lo-Panel with a strong self-adhesive back for fixing to the subfloor and can accommodate the 12mm pipe before the layer of self-leveling compound is added. The self-levelling compound is used to evenly distribute the heat to the finished floor surface.



Features & benefits

- Suitable for 10-12mm pipework
- Keeps pipes secure with 50mm spacings
- 1050mm x 650mm x 16mm (WxLxH)
- Minimal floor build up of 20mm
- Ideal for retrofit installs
- Fast response times
- Outputs of over 100W/m²



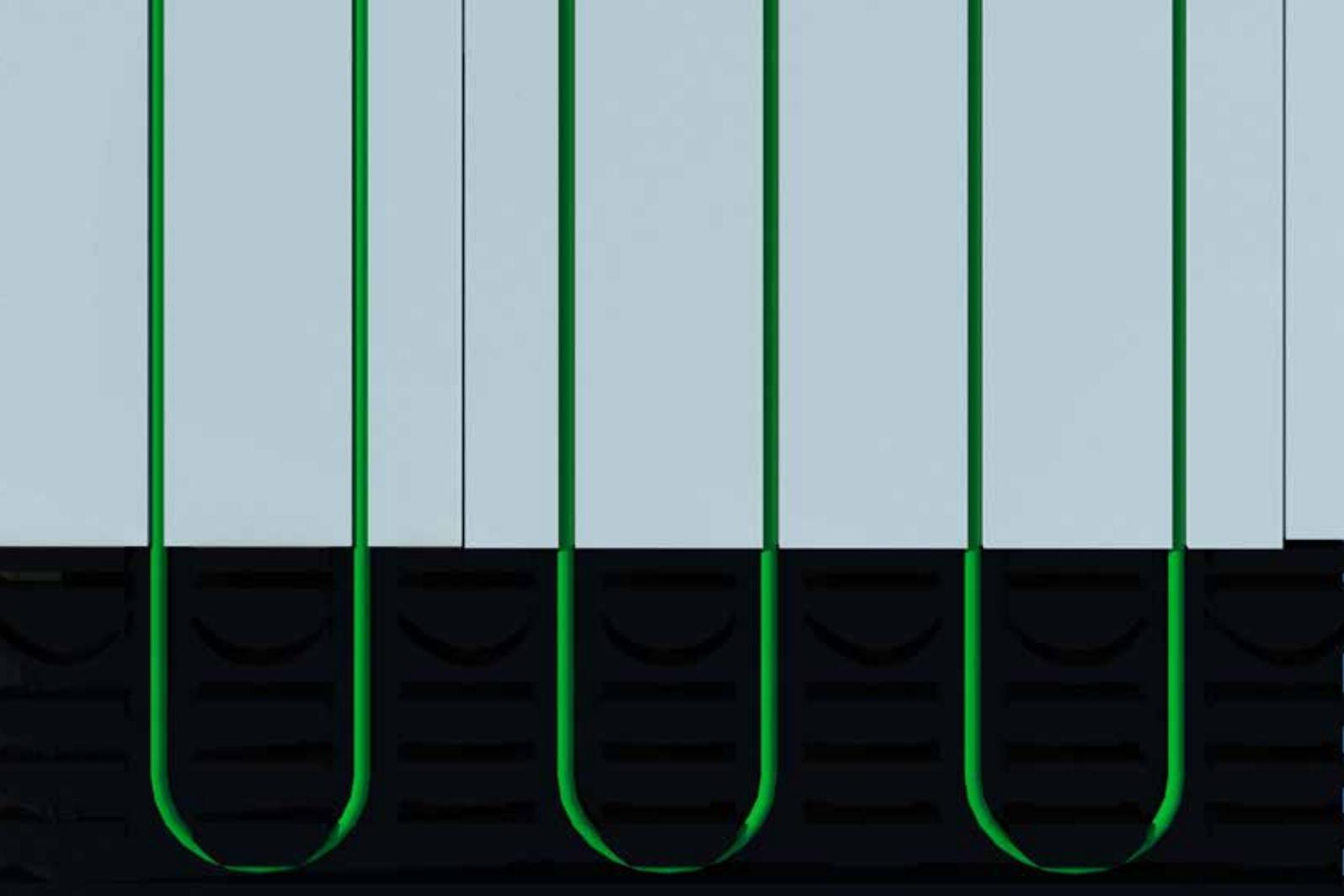
Project suitability

- All house types new or existing
- Suitable for any floor covering
- Where build up height needs to be kept minimal (20mm)
- Suitable on all flat structural surfaces

Mean Water Temp (°C)	Room Temp (°C)	Tiled Floors W/m ²	Wood Floors * W/m ²	Carpet Floors W/m ²
35	20	57.9	39.2	30.9
40	20	77.2	52.2	41.2
45	20	96.5	65.3	51.5
50	20	115.8	78.3	61.8
55	20	135.1	91.4	72.1

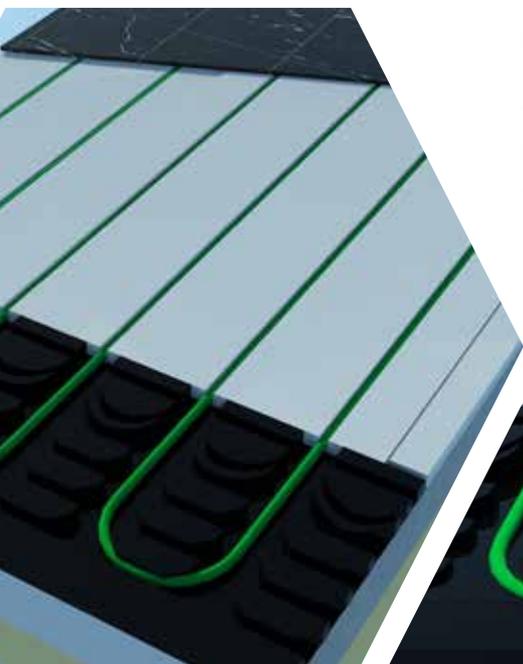
*Wood floors should not exceed 27°C

	Minimum depth of compound
Tiles	20mm
Wood	24mm
LVT	24mm
Carpet	20mm



Hydro Lo-Board

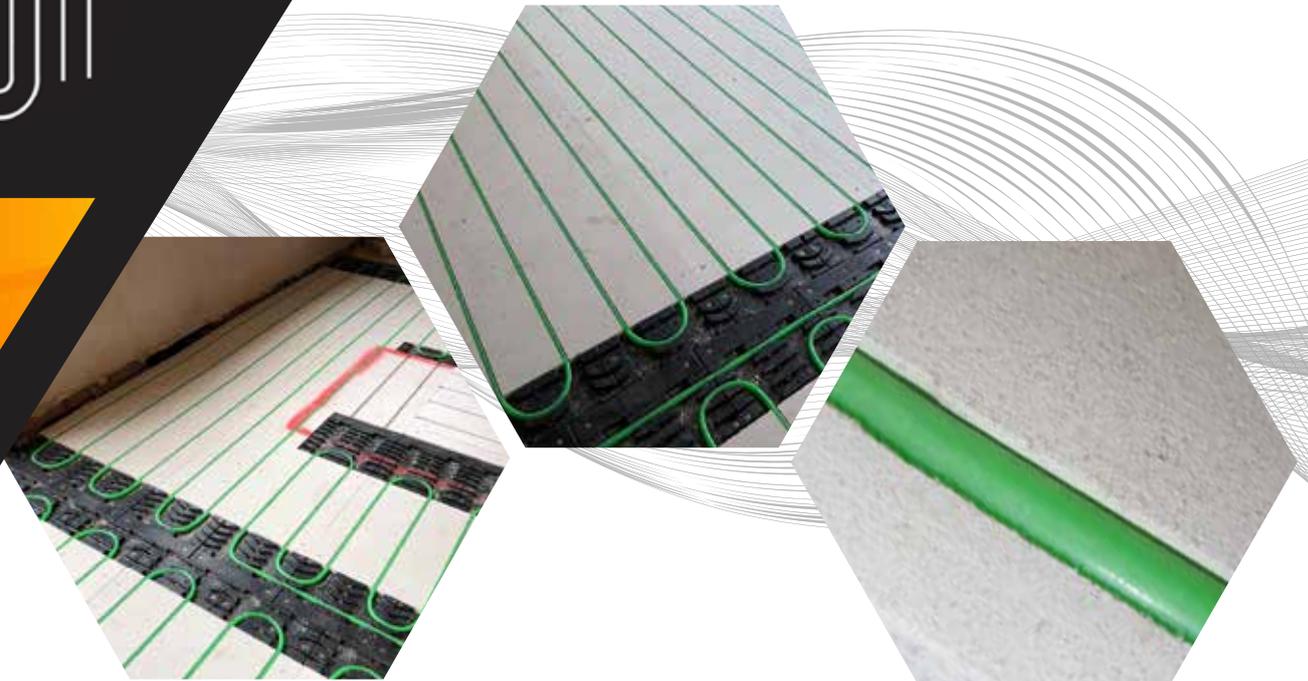
HydroHeat Lo-Board utilises an 18mm high density gypsum fibre board which acts as a heat conducting surface, transferring the heat from the pipes to the finished floor above. With its low build up height of just 18mm, lo-board is ideal for most underfloor heating scenarios and is suitable for all floor coverings.





Features & benefits

- Provides ready made pipe spacings
- Suitable in new and retrofit installations
- Low build up of 18mm
- Outputs of over 100W/m²
- 800mm x 600mm x 18mm (LxWxH)



Project suitability

- All house types new or existing
- Suitable for tiles and wood floor covering directly
- Where build up height needs to be kept minimal (18mm)
- Suitable on all flat level structural surfaces

Mean Water Temp (°C)	Room Temp (°C)	Tiled Floors W/m ²	Wood Floors * W/m ²	Carpet Floors W/m ²
35	20	54.4	40.1	33.4
40	20	71.1	52.4	43.7
45	20	87.7	64.7	53.9
50	20	104.4	77.0	64.1

*Wood floors should not exceed 27°C

Case Study

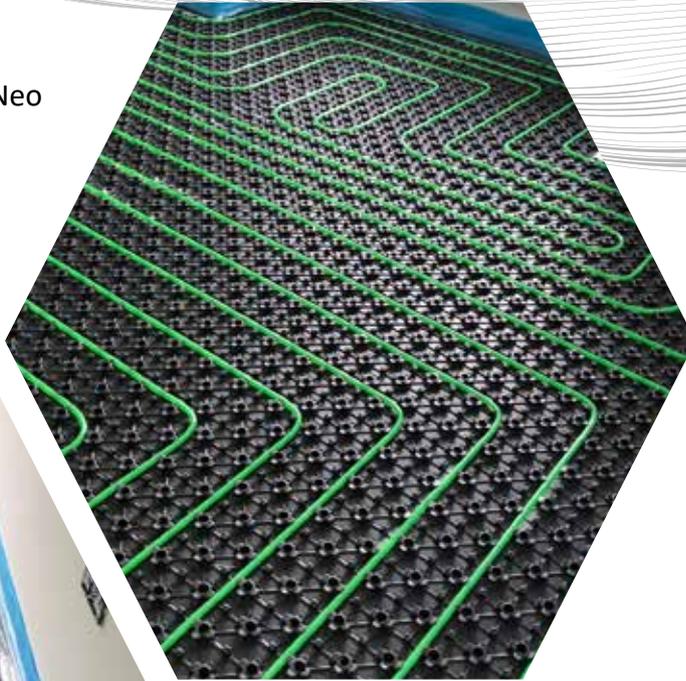
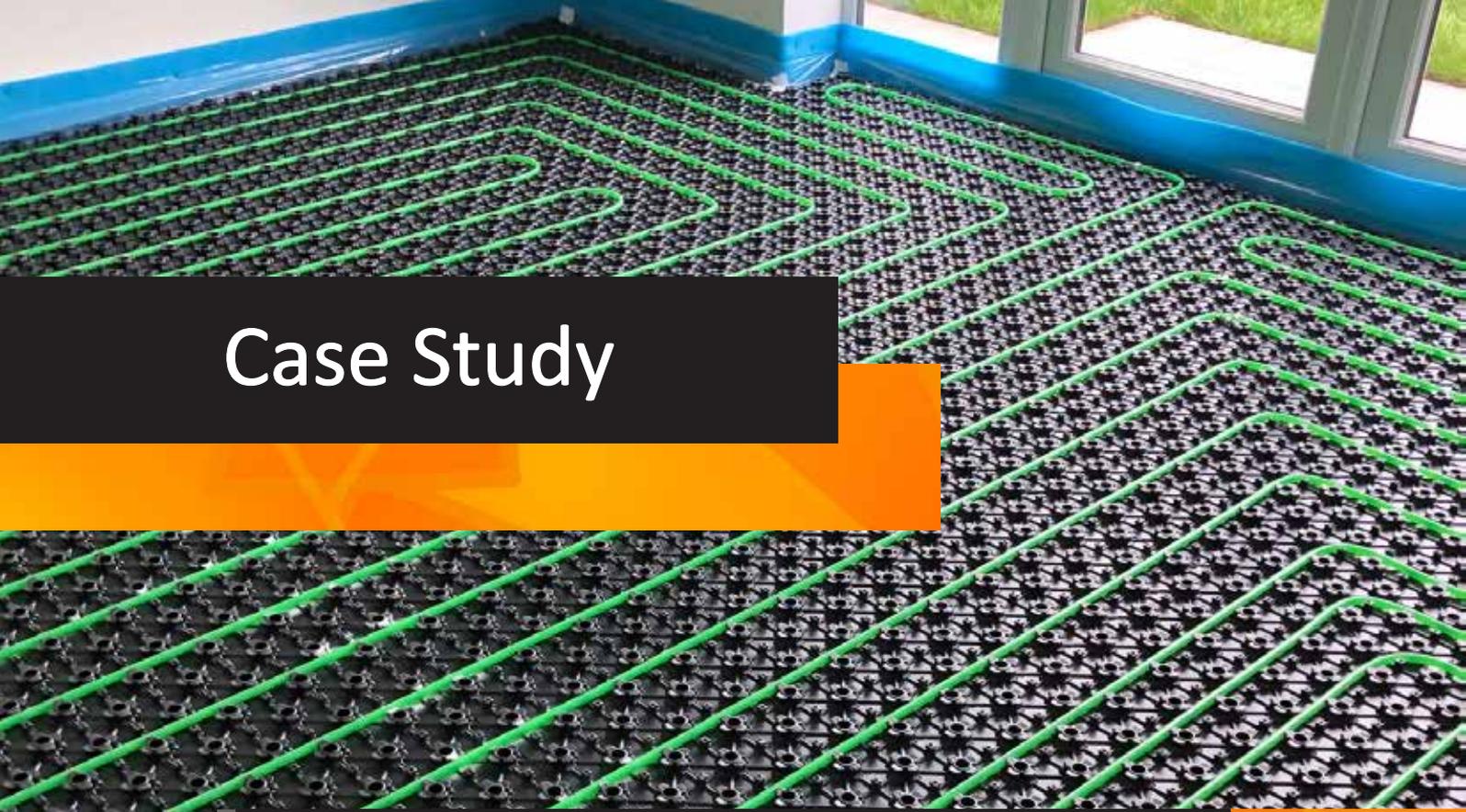
Oldbrook Fold

System: Hydro Lo-Screed

Manifold: 7 port

Heat source: Boiler

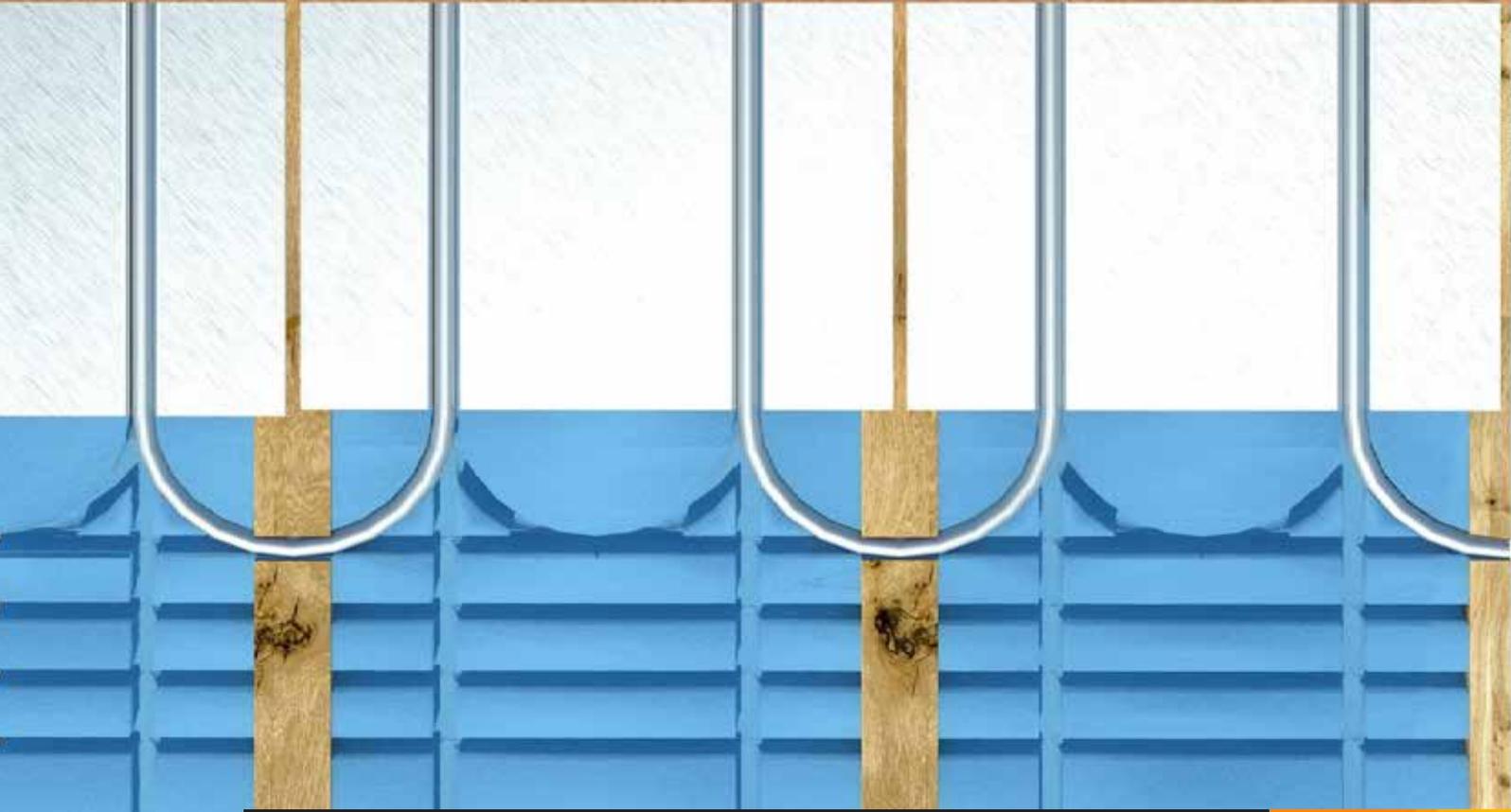
Controls: Heatmiser Neo



Suspended Systems

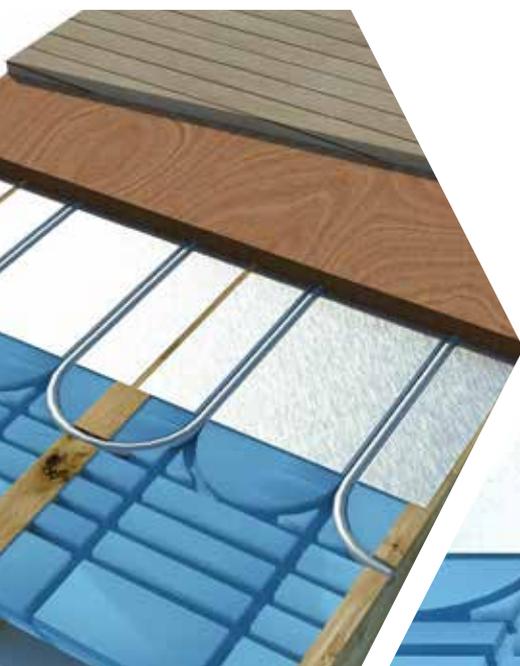
These systems are used with a joist or batten floor and have a variety of applications depending on the scenario. Using an aluminium heat emission plate suspended between the joists, these systems offer an efficient solution to dry floor constructions and have effective applications to both new and existing properties.





Hydro Heat Plates

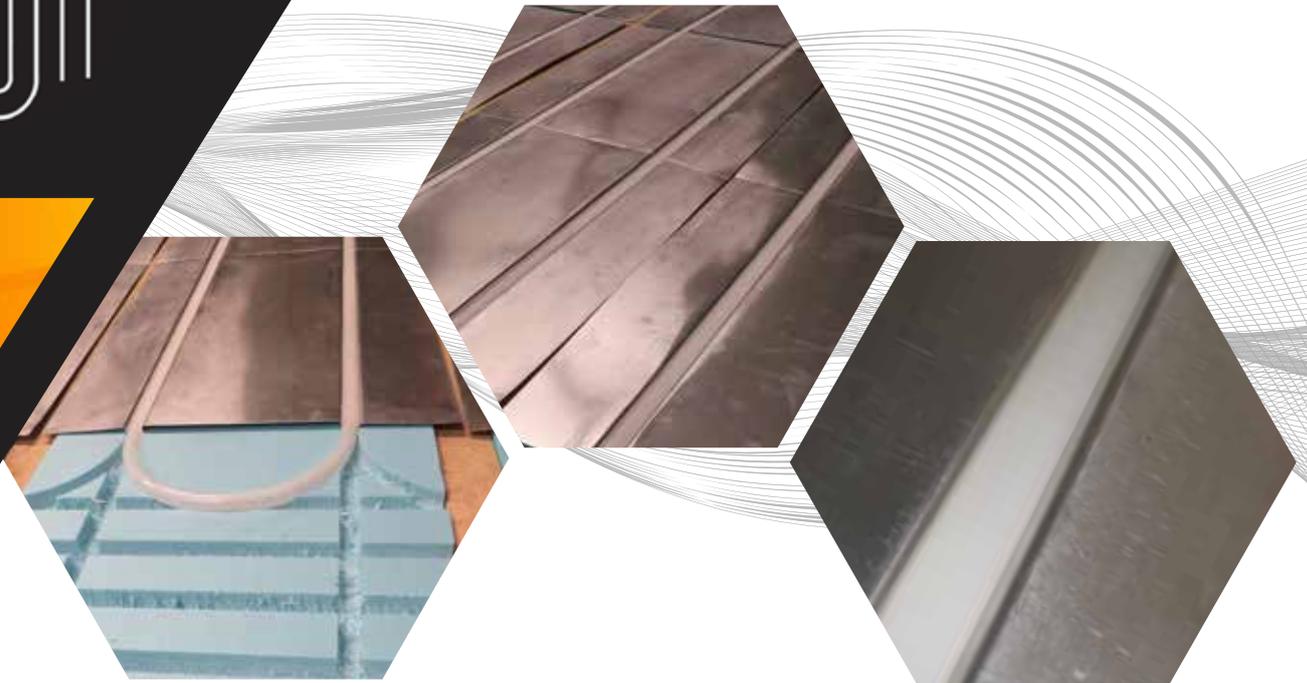
Suspended systems utilise heat emission plates laid between the joists which are pre-grooved to accommodate the underfloor heating pipework. Typically, these will lay into pre-grooved insulation board supported by battens and board between the joist ensuring maximum contact with the floor finish and optimising the total heat output whilst minimising downward heat loss. Soft insulation can also be used but must make full contact with the underside of the heat plate.





Features & benefits

- Insulation (WxLxH) 350mm x 1200mm x 30mm
- Aluminium heat plate (WxLxH) 390mm x 1000mm x 0.5mm
- Heat plates characteristics and structure evenly distribute heat over the entire surface while acting as a pipe fixing

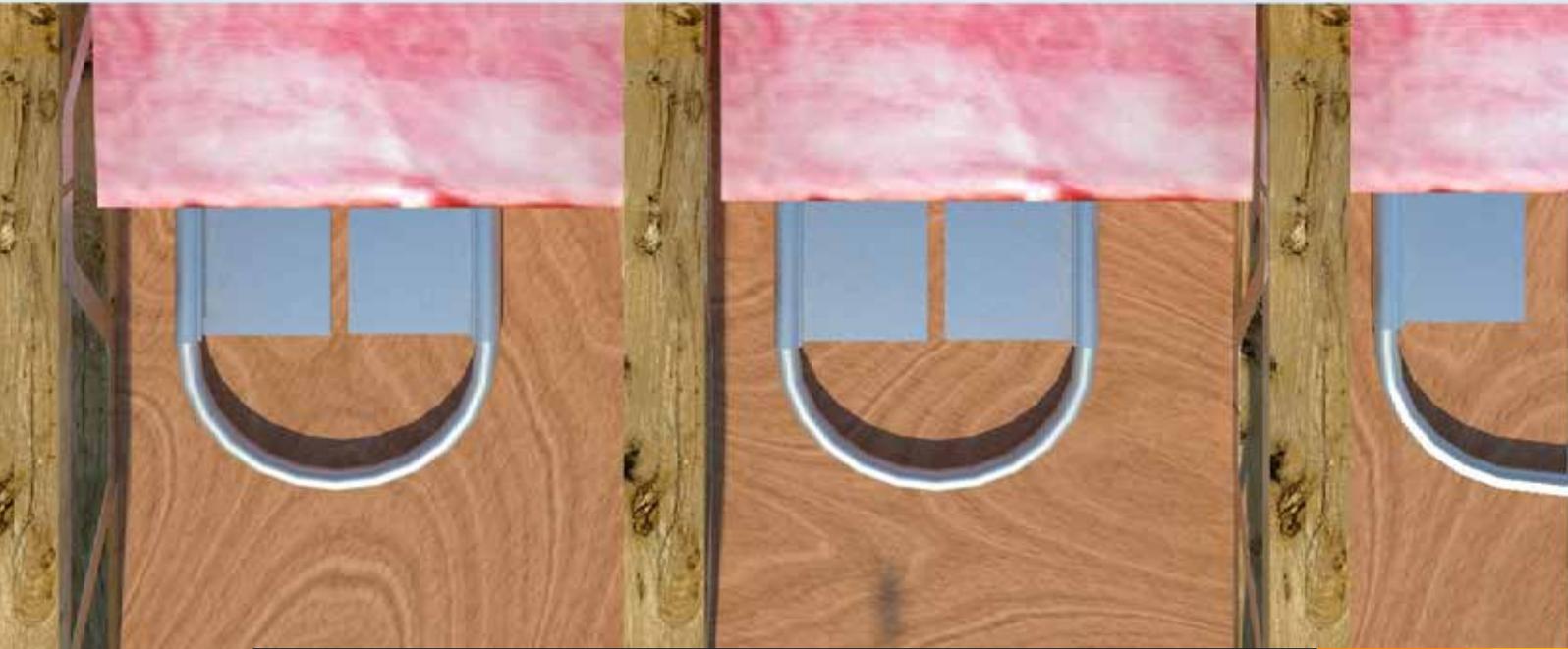


Project suitability

- When the floor levels cannot be increased
- Ideal for retrofit properties and new builds
- Suited to most floor coverings

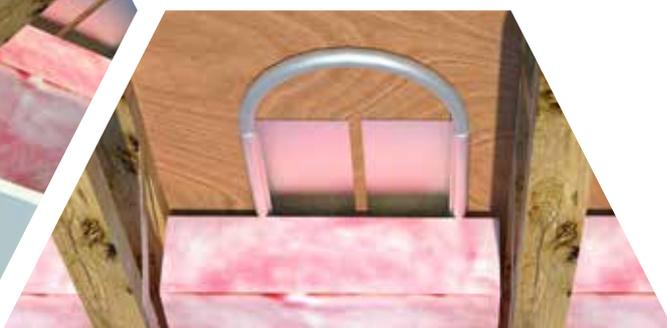
Mean Water Temp (°C)	Room Temp (°C)	Tiled Floors W/m ²	Wood Floors * W/m ²	Carpet Floors W/m ²
35	20	41.4	32.2	25.76
40	20	56.12	43.24	34.96
45	20	69.92	53.36	43.24
50	20	83.72	64.4	52.44
55	20	97.52	74.52	60.72

*Wood floors should not exceed 27°C



Hydro FFB

HydroHeat Fit From Below systems utilises heat emission plates laid between the joists to the underside of your structural floor. These are pre-grooved to accommodate the underfloor heating pipework and specially designed to enable a straightforward install. You must pack the void with a soft insulation to prevent downwards heat loss and optimize the total heat output.



Features & benefits

- Heat Plate (WxL) 100mm x 1000mm
- No need to pull your existing chipboard floor up.
- Ideal if the below floor ceiling hasn't been installed.
- Due to the lack of screed, dry construction system using Aluminium spreader plates is significantly lighter than wet construction systems.
- Heat Plate characteristics and structure evenly distribute heat over the entire surface while acting as a pipe bracket
- No increase in floor build-up



Project suitability

- When the floor levels cannot be increased
- Ideal for retrofit or new builds properties
- If the joists are only accessible from the floor below
- Obscure or irregular joist centres

Mean Water Temp (°C)	Room Temp (°C)	Tiled Floors W/m ²	Wood Floors * W/m ²	Carpet Floors W/m ²
35	20	41.4	32.2	25.76
40	20	56.12	43.24	34.96
45	20	69.92	53.36	43.24
50	20	83.72	64.4	52.44
55	20	97.52	74.52	60.72

*Wood floors should not exceed 27°C

Case Study

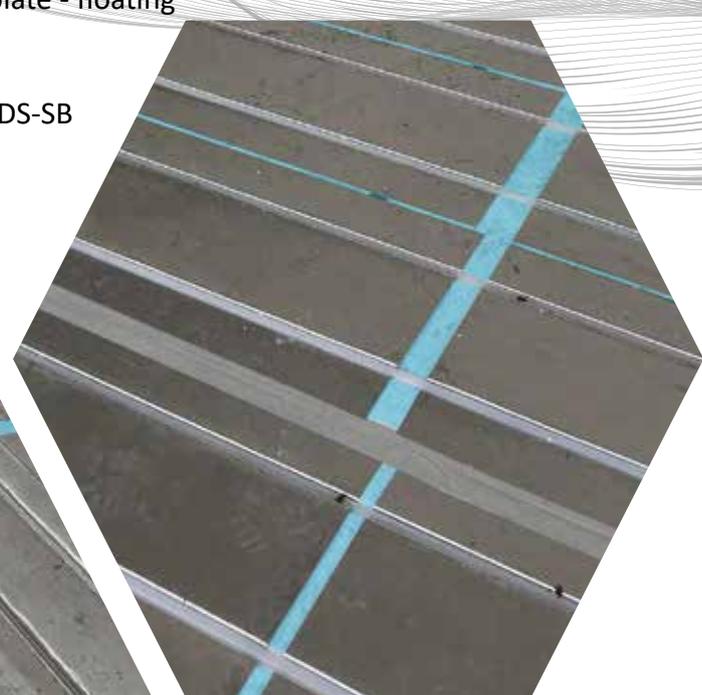
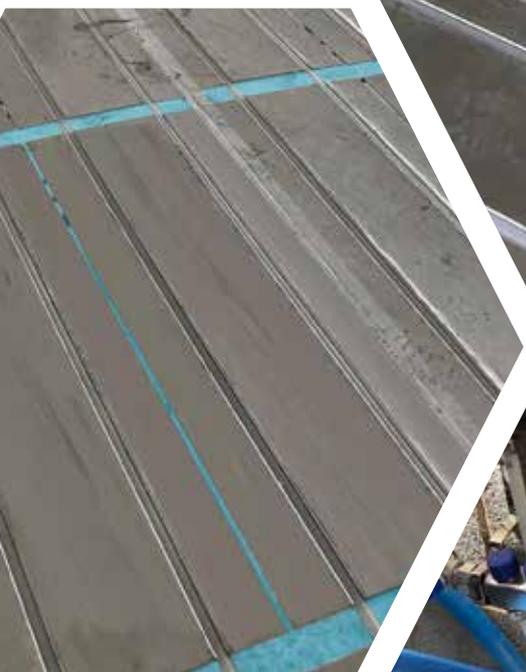
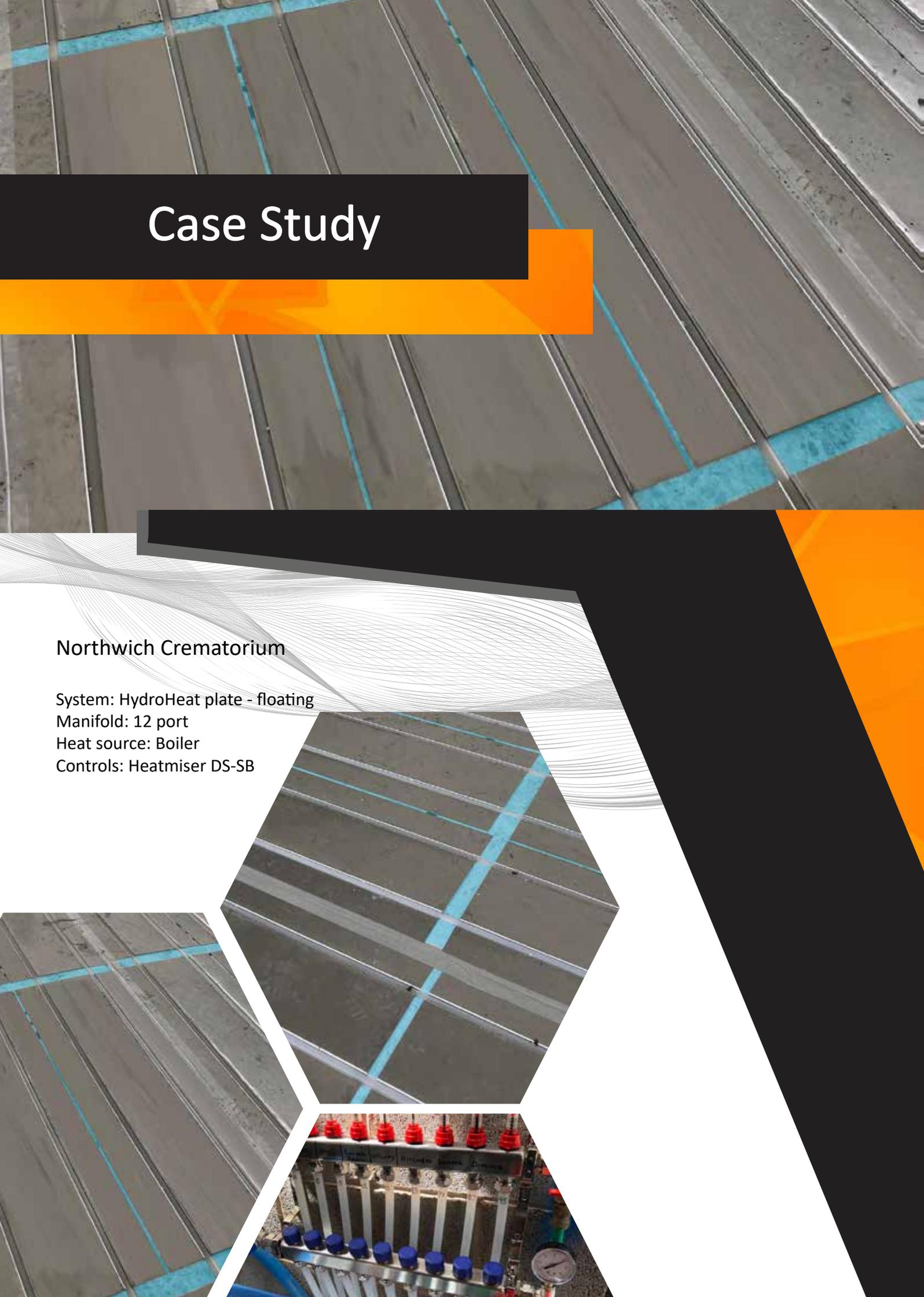
Northwich Crematorium

System: HydroHeat plate - floating

Manifold: 12 port

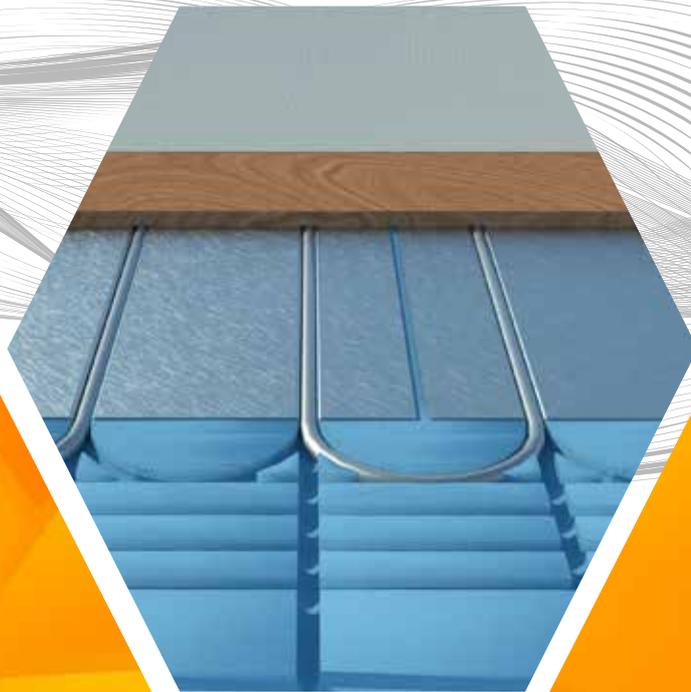
Heat source: Boiler

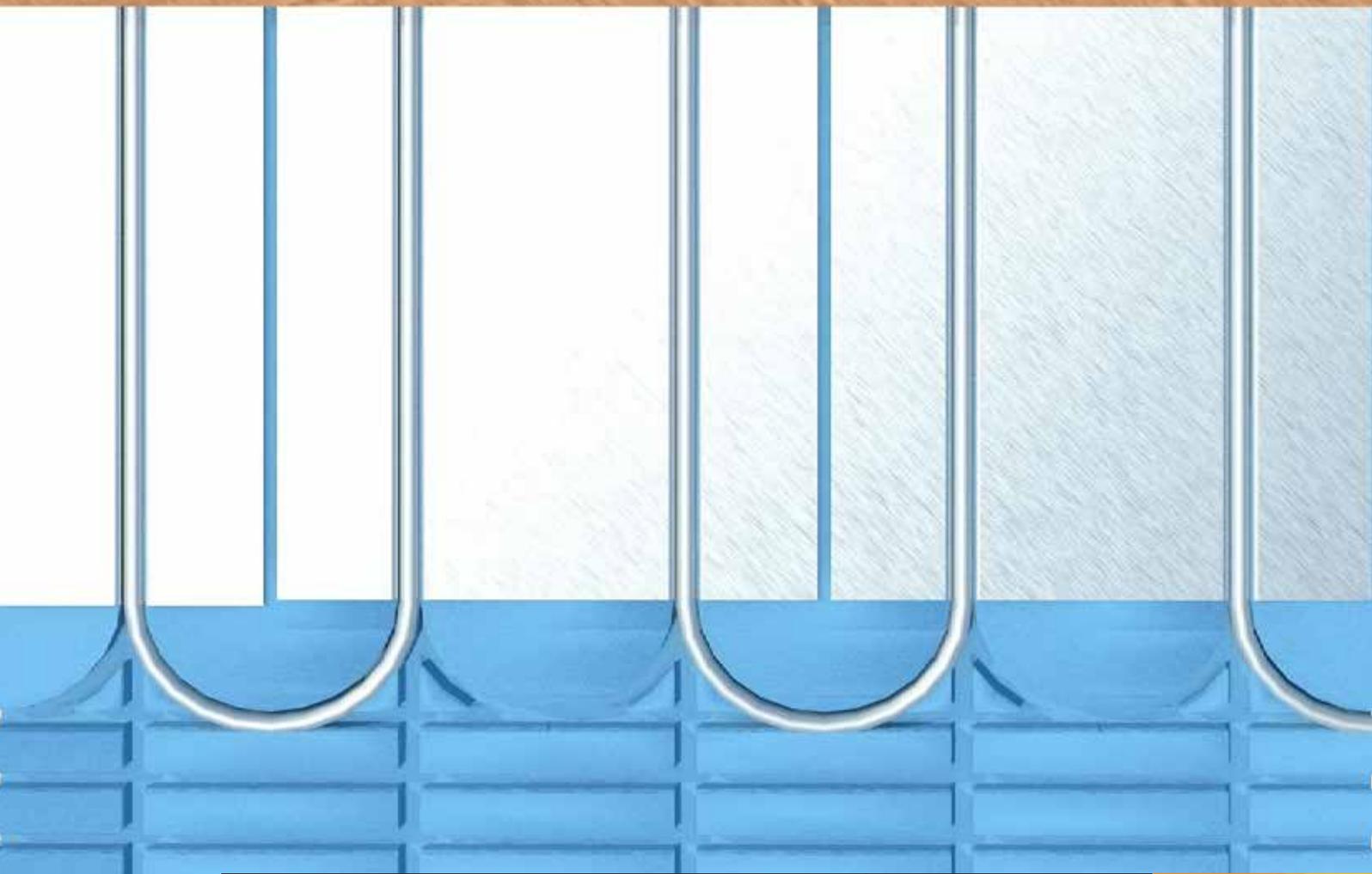
Controls: Heatmiser DS-SB



Floating Systems

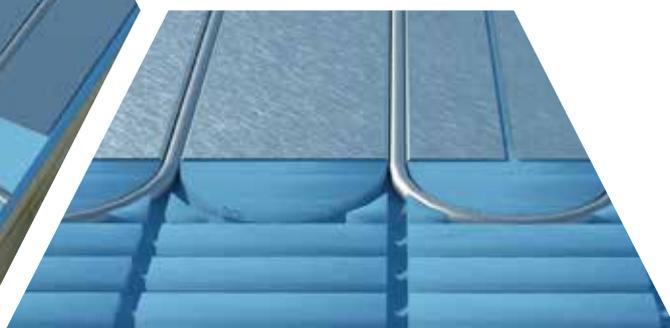
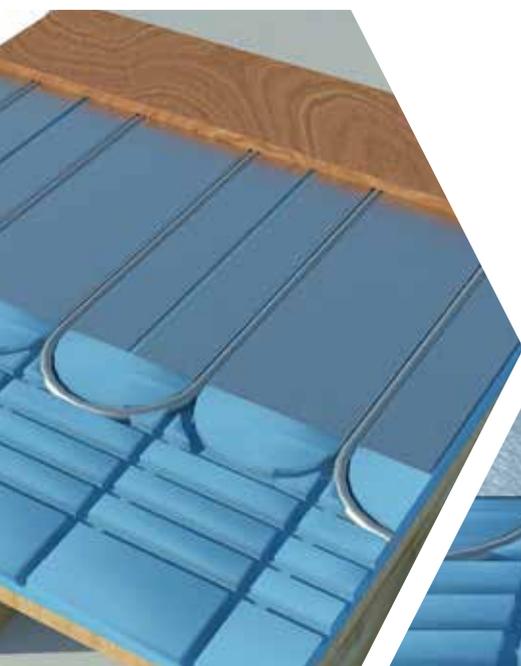
Our floating floor systems are designed to accommodate applied loads with minimal compression. Using high-density XPS insulation our floating floor systems are able to withstand both occasional and long-term static loads. These systems can be laid directly onto an existing floor making them suitable for renovations and installations on upper floor levels.





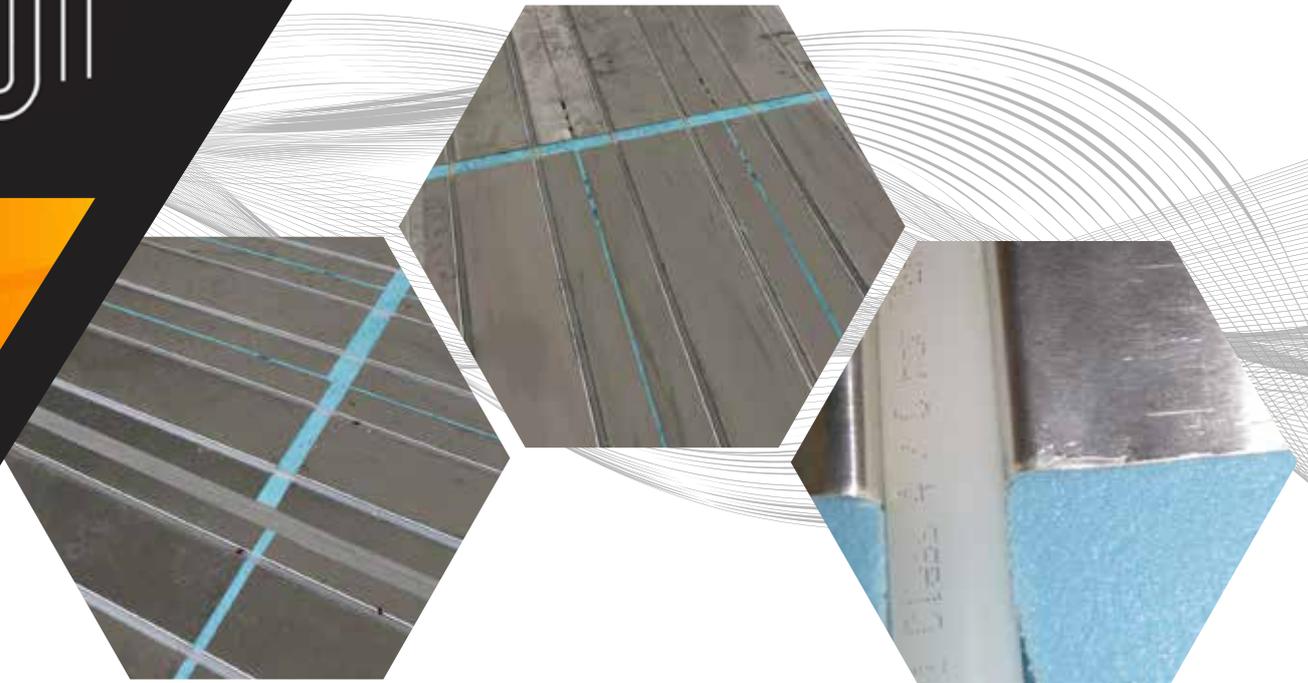
HydroHeat Plates

HydroHeat Plates Floating utilise our highly efficient aluminium heat emission plates laid directly in to 30mm extruded polystyrene insulation panels. The aluminium plates transfer the heat to the floor finish whilst the insulation substantially reduces any heat loss in to the sub-floor. This system is suitable for a wood floor finish or carpets laid onto a 9mm plywood.



Features & benefits

- Insulation (WxLxH) 1200mm x 1200mm x 30mm
- Heat Plate (WxL) 390mm x 1000mm
- Provides ready-made pipe securing & spacing using pre-grooved insulation
- 30mm build-up height



Project suitability

- Ideal for retrofit or new builds properties
- Usable on any structural floor

Mean Water Temp (°C)	Room Temp (°C)	Tiled Floors W/m ²	Wood Floors * W/m ²	Carpet Floors W/m ²
35	20	41.4	32.2	25.76
40	20	56.12	43.24	34.96
45	20	69.92	53.36	43.24
50	20	83.72	64.4	52.44
55	20	97.52	74.52	60.72

*Wood floors should not exceed 27°C

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Wired Controls

HydroHeat offers a wide range of thermostats to suit most needs. With our 230 volt range, we offer the simplistic DS-SB dial thermostat along with the TM4-TS time-clock for people who want an easy to use system. For those that would like more control for each area, we have the Slim thermostat which offers much more control with several on and off times for each day.

TM4-TS Time-clock

Our 4 Zone Touch-screen time-clock is perfect for those looking to control multiple outputs from a single control point. The TM4 has been designed to work with our UH8 and DS-SB setback thermostat, and offers a highly effective, simple to use control system. The Touch-screen interface makes programming switching times in the TM4 simple, meaning you no longer need to reach for the user manual when you need to amend the programmed setting.



DS-SB Set Back Dial Thermostat

The Heatmiser DS-SB features a set back function, this will automatically reduce the set temperature by 4°C when no time-clock signal is detected therefore providing more flexible control of your heating.

230v Slimline Thermostat

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.



Wired Controls

Our central wiring centres have been designed to simplify the wiring process. Using our wiring centres in your application means that the actuator, boiler and pump connections are wired from a single point.



UH8 Wiring Centre

The UH8 is our 8 zone mains powered wiring centre designed for use with all 230v controls. Up to 6 actuators can be wired to each of the 8 zones and an output is provided for the boiler, underfloor heating pump and valve. Zone 8 of the UH8 can be setup to control a radiator zone, in this case not enabling the UFH Pump and Valve.



UH4 Wiring Centre

The Heatmiser UH4 can be used in conjunction with our slimline and neo range. The UH4 provides central switching of up to 4 zones actuators as well as providing an output for a hot water cylinder, the system boiler and pump. When used for underfloor heating, an option is available to use zone 4 as a conventional radiator zone. Up to 6 actuators can be connected to each zone.


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Wireless Controls

HydroHeat also offers a wireless option. All of our wireless thermostats work with our UH8-RF 8 zone wiring centre or our single zone RF Switch wireless receivers.

Slimline-RF

The Heatmiser Slimline-RF is our multi mode wireless thermostat that is compatible with our UH8-RF and RF Switch Wireless Receivers. The Slimline-RF can be used with a remote sensor, so measuring the temperature up to 20 meters from the thermostat is possible. The Slimline-RF can be operated in heating or heating & hot water mode.



RF-Switch

The Heatmiser RF Switch is a 2 channel receiver. It can cater for a single heating zone and the hot water cylinder as well as providing a boiler enable output. Output indications are provided and the unit is surface mounted. In addition, the RF Switch can act as a wireless boiler enable link from the UH8-RF 8 Zone Wiring Centre.

Boost

The Heatmiser Boost is our surface mounted repeater for the RF and Neo System. The Heatmiser Boost is designed to extend the communication between the RF Thermostats and Wiring Centre and the neoStat, neoAir & neoHub.



Wireless Controls



Heatmiser UH8-RF

The Heatmiser UH8-RF is designed to be used in conjunction with our wireless thermostats. The UH8-RF provides central switching and is therefore ideally situated next to the underfloor heating manifold. Eight zones can be controlled as well as providing an output for a hot water cylinder. On demand from any zone, a 230v output is provided to switch the relevant zone actuators, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers. Up to 6 actuators can be connected to each zone. A software option in our wireless thermostats allows you to configure which zones are underfloor heating and which are radiators. The RF Switch can be paired to the UH8-RF in order to offer a wireless boiler link.


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Smart controls

Heatmiser Neo has been designed to offer multi-zone smart control for most heating systems, including radiators and water underfloor heating. Google Home support adds great connectivity to an already feature rich solution. Google Home speakers enable users to speak voice commands to interact with services through Google's intelligent personal assistant.



neoStat Thermostat

The neoStat's have been designed to be slim & stylish, with three stunning colours available. neoStat's are just a little bigger than a standard light switch, so you will notice what it does rather than where it is. The neoStat's can be controlled from anywhere thanks to the plug and play neoHub. Neo has been designed to offer multi-zone smart control for most heating systems, including radiators and water underfloor heating. The neoStat's are available in 230v wired or the neoAir wireless range.



Heatmiser neoUltra

The Heatmiser neoUltra has been designed to work as a standalone thermostat or as part of an app-controlled Neo System. In addition, the neoUltra can operate as a central controller, providing a single point of access to all of the neoStat, neoAir & neoPlug in the home.

Smart controls



neoHub Gen 2 System Hub

The neoHub Gen 2 handles all of the network communication between the neoStat, neoAir and neoPlug and is very much the brains of the Neo System. Therefore you will require one if you're looking to control your heating & hot water system from your smart-phone.

The neoHub Gen 2 brings HomeKit and Google Home support to Neo

The neoHub Gen 2 connects to your home router by an ethernet cable, so one free port is required. The neoHub Gen 2 is very much plug and play, and pairing neoStat's, neoAir or neoPlug to the neoHub Gen 2 couldn't be easier. After you have paired all of your Neo devices (up to 32 are supported) you will have In-Home and Remote access to your heating, hot water and appliances.

To ensure your neoHub Gen 2 is always up to date, your neoHub will automatically download and install updates so you will always benefit from the very latest software enhancements.



neoPlug

Expand your Neo System with neoPlug and control your Appliances from anywhere! With the Heatmiser neoPlug you can control the appliance manually from the neoApp or you can program switching times via the app that the appliance will follow.

With our latest apps for Android, Windows 10 and iOS, users can include the neoPlug in their Geo Location triggers, so the appliance can turn on when you get close to home or when you leave.

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HydroHeat

UNDERFLOOR HEATING LTD

At HydroHeat our aim is to offer the best possible customer service to all our customers. If you need assistance in any way from helping to choose the right system all the way to setting up a thermostat please don't hesitate to contact us on any of the following methods

Telephone:

- (+44) 01772 632 958

Email:

- sales@hydroheatufh.co.uk

Website:

- www.hydroheatufh.co.uk

Social media:

- Instagram - [@hydroheatufh](https://www.instagram.com/hydroheatufh)
- Facebook - [@HydroHeatUFH](https://www.facebook.com/HydroHeatUFH)
- LinkedIn - www.linkedin.com/company/hydroheatufh/

Address:

- HydroHeat Underfloor Heating Ltd.
Freckleton Enterprise Park
Bush Lane
Freckleton
Lancashire
PR4 1UH



HydroHeat

UNDERFLOOR HEATING LTD

Price List



2019



HydroHeat

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Heatmiser Neo	

System Accessories

Screed Accessories

Code	Description	List Price(£)
ACC-EI	Edge insulation 8mm x 130mm x 25m	£15.29
ACC-ST50	50mm staples with weld	£10.72
ACC-ST40	40mm staples with tape	£14.25
ACC-STGN	Staple gun	£179.45
ACC-CR	Clip rail with barbed fixing	£1.81
ACC-CP	16mm castellated panel	£8.87

Low Profile Accessories

Code	Description	List Price(£)
ACC-EI	Edge insulation 8mm x 130mm x 25m	£15.29
ACC-LOCP	12mm castellated panel	£8.74
ACC-SLC	Flexilevel self levelling compound	£23.54
ACC-OL18	18mm lo-board panel	£15.49
ACC-ES18	18mm end support	£4.20
ACC-OLG	Lo-board glue	£15.23
ACC-PRIME5L	5 litre of prime plus	£26.12

Suspended & Floating Accessories

Code	Description	List Price(£)
ACC-HP2	HydroHeat plate 390mm x 1000mm	£7.22
ACC-HPJ	HydroHeat J-plate 100mm x 1000mm	£5.58
ACC-IFLOAT	Insulation 1200mm x 1200mm x 30mm	£34.63
ACC-ISUSP	Insulation 350mm x 1200mm 30mm	£11.54

Pipe

16mm PE-RT Pipe

Code	Description	List Price(£)
PIPE-16-075	16mm pipe - 75 meter coil 16x2mm	£63.38
PIPE-16-100	16mm pipe - 100 meter coil 16x2mm	£80.65
PIPE-16-150	16mm pipe - 150 meter coil 16x2mm	£115.22
PIPE-16-500	16mm pipe - 500 meter coil 16x2mm	£357.08

12mm PE-RT Pipe

Code	Description	List Price(£)
PIPE-12-080	12mm pipe - 80 meter coil 12x1.5mm	£64.31
PIPE-12-120	12mm pipe - 120 meter coil 12x1.5mm	£90.69
PIPE-12-240	12mm pipe - 240 meter coil 12x1.5mm	£169.85

16mm Aluminium PE-RT Pipe

Code	Description	List Price(£)
PIPE-A16-100	16mm pipe - 100 meter coil 16x2mm	£89.67

Pipe Accessories

Code	Description	List Price(£)
ACC-PB1012	Plastic pipe bends for 10-12mm pipe	£0.82
ACC-PB1418	Plastic pipe bends for 14-18mm pipe	£0.92
ACC-PDC	Pipe de-coiler	£220.00
ACC-CONDUIT	Pipe conduit suitable for upto 20mm	£44.62

Manifold

Manifolds		
Code	Description	List Price(£)
MANI-02	Reliance 2 port manifold kit	£106.84
MANI-03	Reliance 3 port manifold kit	£129.94
MANI-04	Reliance 4 port manifold kit	£150.15
MANI-05	Reliance 5 port manifold kit	£173.25
MANI-06	Reliance 6 port manifold kit	£193.46
MANI-07	Reliance 7 port manifold kit	£216.56
MANI-08	Reliance 8 port manifold kit	£239.66
MANI-09	Reliance 9 port manifold kit	£256.99
MANI-10	Reliance 10 port manifold kit	£285.86
MANI-11	Reliance 11 port manifold kit	£300.30
MANI-12	Reliance 12 port manifold kit	£317.63

Manifold Control Packs		
Code	Description	List Price(£)
MANI-PM	Reliance thermoguard with UPM3 auto	£309.75
MANI-SR	Reliance single room pack with UPM3	£380.63

Manifold Accessories		
Code	Description	List Price(£)
MANI-E12-2	Euroconnus - 12x1.5mm	£2.10
MANI-E16-2	Euroconnus - 16x2mm	£2.10
MANI-BC	Manifold blanking cap	£2.03
MANI-PG	Pressure gauge and adaptor	£9.53
MANI-AAV	1/2" auto air vent	£5.15
MANI-AH	230v theroelectric actuator	£17.06

Heatmiser Controls

Heatmiser Wired Controls

Code	Description	List Price(£)
CON-DS-SB	Dial thermostat with set back function	£50.88
CON-TM4-TS	4 channel time clock	£120.00
CON-SLIM230	Programmable thermostat	£68.25

Heatmiser Wireless Controls

Code	Description	List Price(£)
CON-SLIMRF	Wireless programmable thermostat	£72.75
CON-RFSWITCH	Wireless receiver	£65.94
CON-BOOST	Wireless signal booster	£70.69

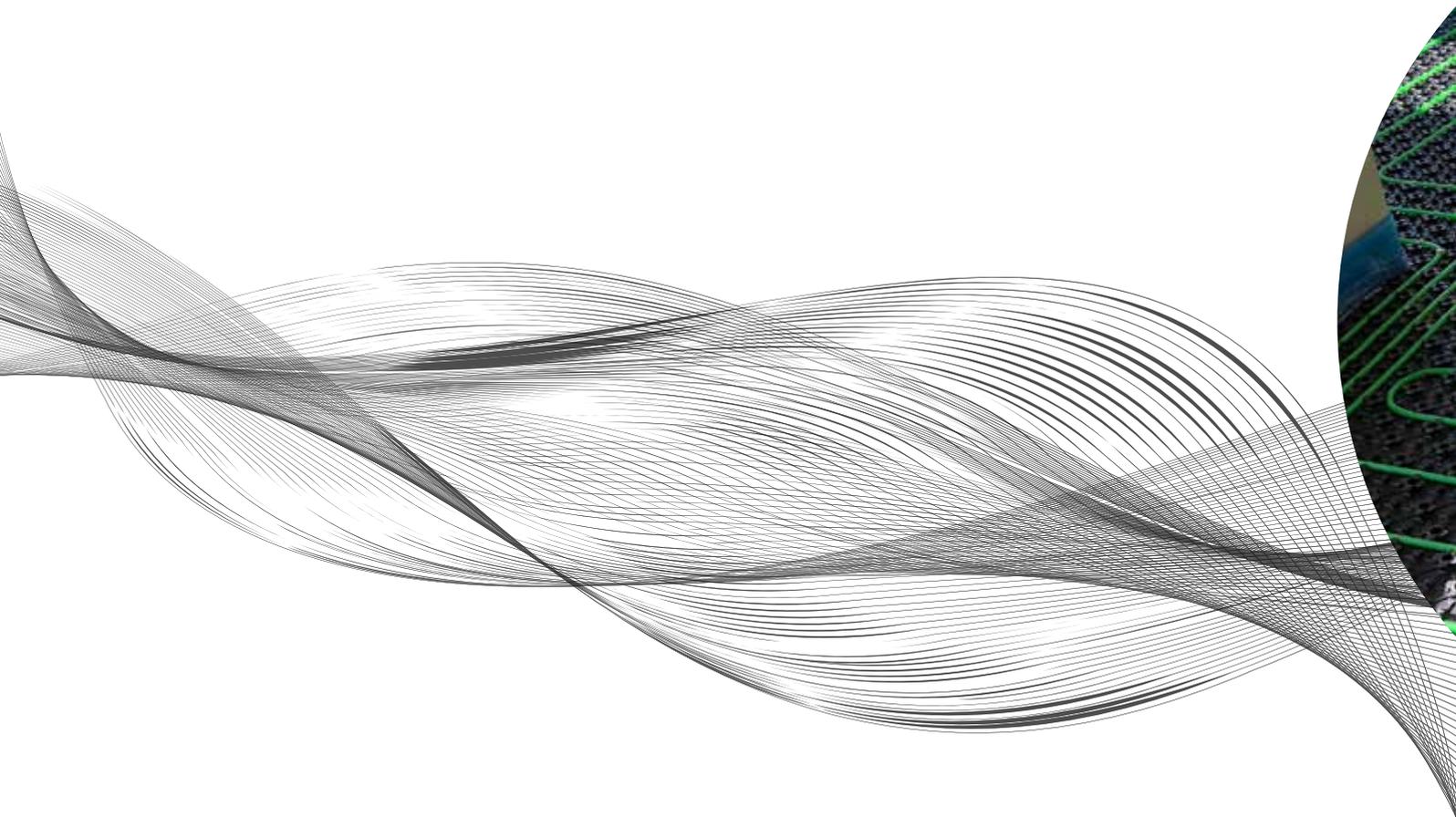
Heatmiser Smart Controls

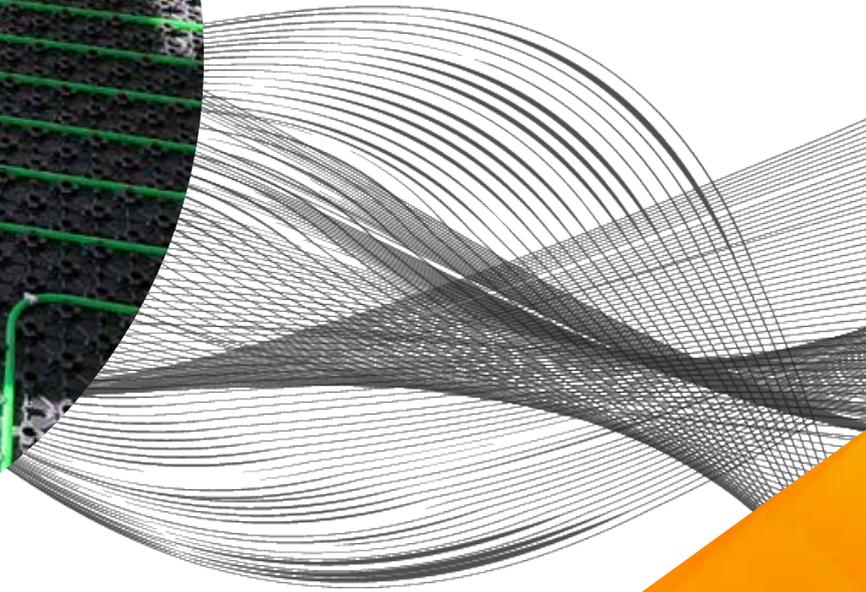
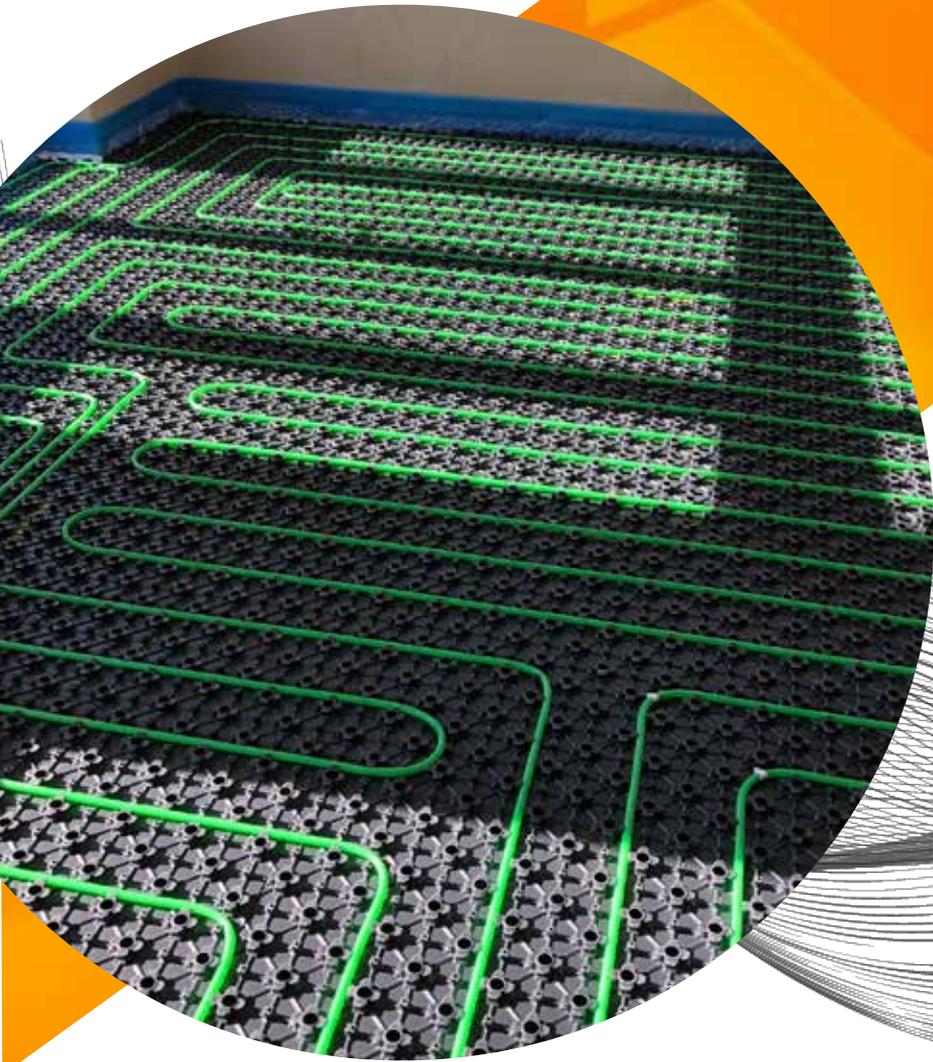
Code	Description	List Price(£)
CON-NEO230	Wired smart thermostat	£88.74
CON-NEOAIR	Wireless smart thermostat	£88.74
CON-NEOHUB	For smart phone capability	£185.00
CON-NEOULTRA	Central touchpad control	£198.71
CON-NEOPLUG	Control plugged in appliances	£61.86

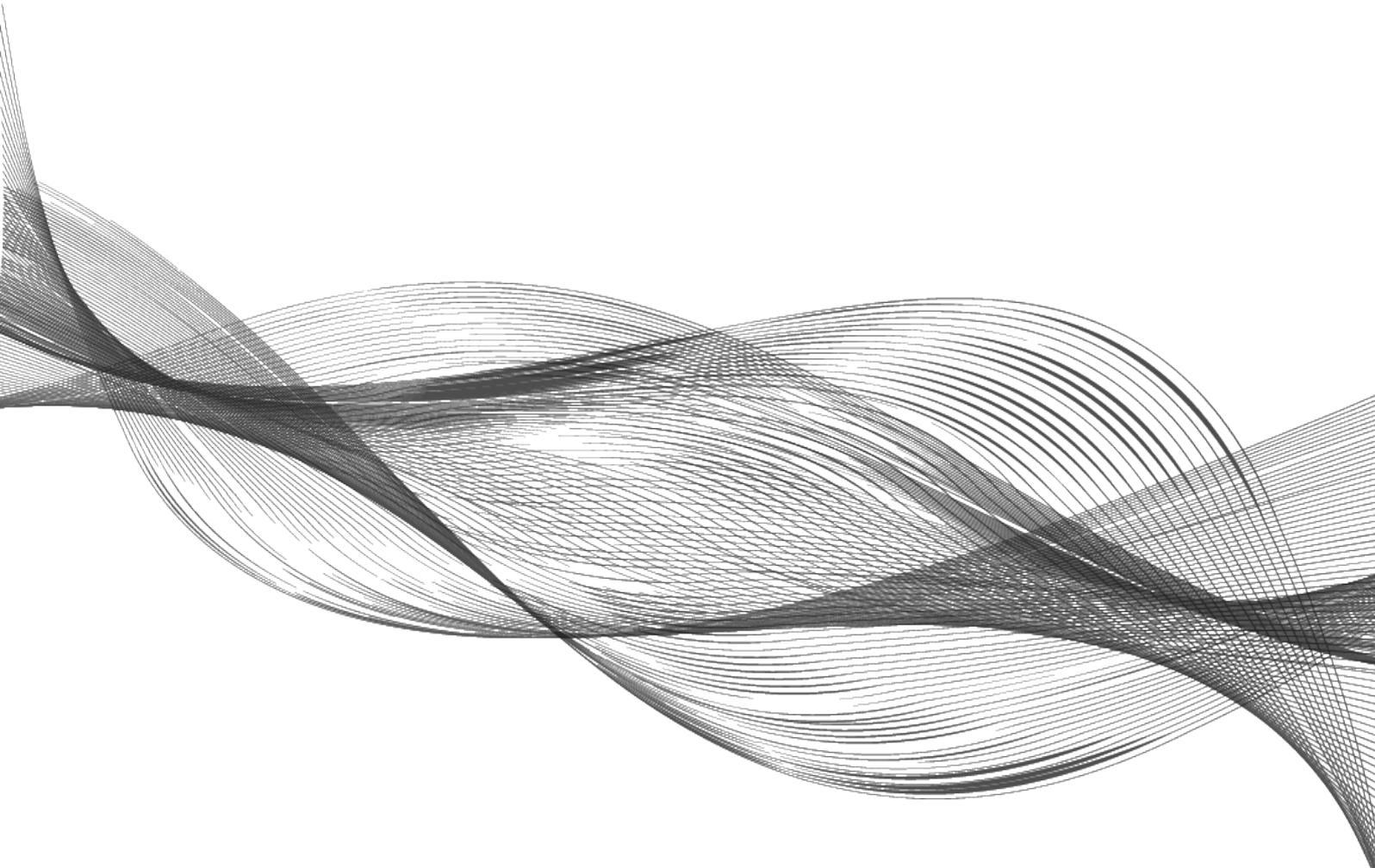
Heatmiser Controls

Heatmiser Wiring Centres		
Code	Description	List Price(£)
CON-UH4	4 zone wired wiring centre	£79.80
CON-UH8	8 zone wired wiring centre	£95.25
CON-UH8RF	8 zone wireless wiring centre	£161.25

Controls Accessories		
Code	Description	List Price(£)
CON-PROBE	2 meter sensor probe	£8.12
CON-ENCL	Sensor probe enclosure	£8.12
CON-STAND	Neo thermostat stand	£14.99
ACC-2PORT	ESI 2 port zone valve	£73.50







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