



Product Guide



About us

Uheat specialises in the supply of underfloor heating systems, frost protection and related products for industrial, commercial and domestic applications.

From its inception in 2003 the company ethos has been to offer exemplary customer service coupled with a wide range of products that meet or exceed the companies demands for exceptional quality and value.

Our extensive range of underfloor heating / frost protection products can provide solutions for virtually any type of project. Whether it be a complete new build, renovation/refurbishment or extension.

Our manufacturing partners have been selected to ensure the best quality products are provided at value for money prices. We have exclusive partnerships with European Manufacturers which gives us the opportunity to offer unique and bespoke solutions.

Uheat is a trading style of the long established, family owned and managed Pedarson Ltd (the Pedarson Group).



www.uheat.co.uk



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 www.tilefixstore.co.uk

Why us?

With our unique 5-Point Promise you'll be sure we WON'T let you down...

Let me tell you about the service we'll provide you:

- ✓ Full Design & Quote Service. Your tailored solution within 1 working day, no waiting around for days for quotes. You'll be able to respond to your customers quickly to win more business
- ✓ The Complete Package. We'll supply you with everything you'll need to install. No lost time waiting at trade counters for missing parts, we'll keep you installing and earning
- ✓ Unlimited Technical Support. We have over 75 years of combined expertise in UFH, if you get stuck we're here to help you every step of the way
- ✓ Industry Leading Warranty. Total peace of mind for you and your customers. The products we've put together provide you with the best solutions from the world's leading brands, fully guaranteed
- ✓ One Stop Shop. We're here to help you take advantage of every opportunity, to minimise your efforts and maximise your profits when it comes to Underfloor Heating

What we do



Design

From your plans, drawings or specifications, our professional staff can prepare a full & complete quotation for your Underfloor Heating project. Large or small, whole house, large multi floored buildings or just one single room are all possible.



Supply

All our products are from industry leading companies and with our multi courier partners working closely with us every day, you can be sure that all our stock is picked packed and with you in the time frame that you need to complete your project.



Technical Support

Our in-house personnel have built up many years knowledge of all our products, to enable us to not only supply, but also to help with expert advice, technical specification, download's and general information for you, your clients and all end users.



After Sales Service

We know our products & service and know what you need from your purchases, why you need them and that you need these items to give you a first class system that does the job that they are meant to do.



Heating Solutions

With quality products which carry both the CE mark for European compliance & also the European "VDE" quality mark, from both Electric and Water underfloor heating ranges, we have a heating solution to cover all areas - Domestic, Commercial & Industrial.

Why Underfloor?

Underfloor Heating v Radiators The Key Differences

Central Heating with radiators was introduced in the 30's and has since been used as the standard heating system for UK homes while remaining more or less unchanged for the past 8 decades. More recently, Underfloor Heating is being used in UK houses as the heating system of choice, offering unrivalled comfort and luxury. Below, you will find a comparison of these two systems, and an explanation of why we feel that Underfloor Heating is the best solution for heating a home.

Heat Distribution

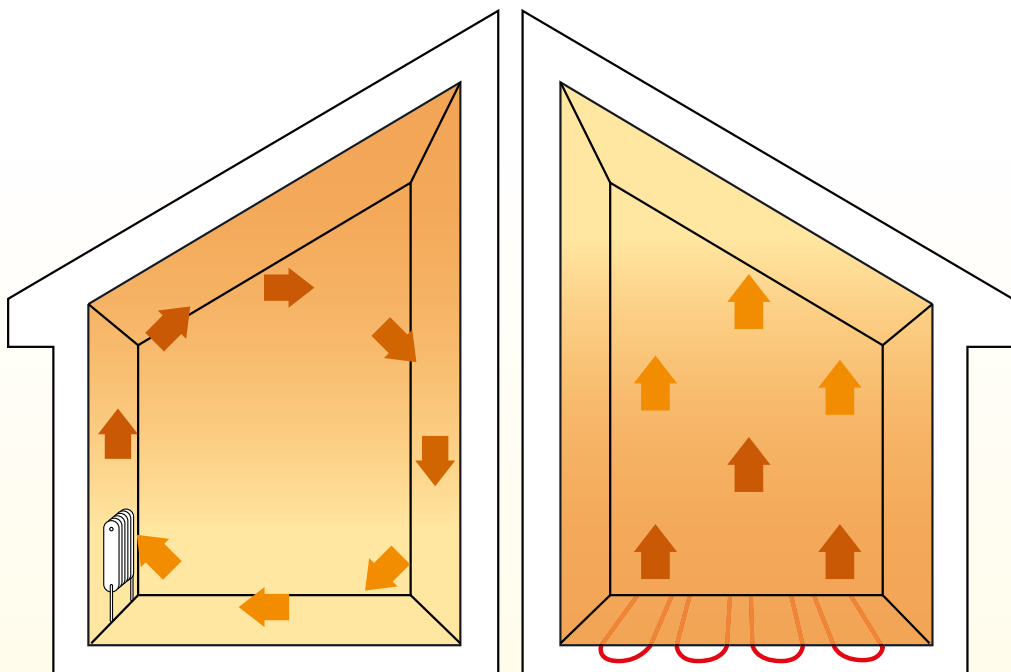
Your choice of a heating system determines the way heat is distributed. Underfloor Heating produces radiant heat which makes you feel warm. The term radiant heating is used as radiation is responsible for a significant proportion of the 'thermal comfort' achieved by this form of heating. Radiators work by heating the air surrounding them using convection. The air heated by a radiator rises towards the ceiling and once this warm air has cooled down, it falls down to the ground level to be heated by the convection of the radiator again. This

creates a flow of hot and cold air and inevitably, hot and cold spots where areas near to the radiators are warmer than the areas elsewhere in the room.

Efficiency & Comfort of a system

The way the heat is distributed impacts the efficiency and comfort of the heating system. Radiant heat heats objects directly and it maintains the natural humidity in a room, whereas convection of warm air tends to reduce humidity, which can make the heated area feel stuffy. If the whole floor of the room is heated then radiant heat gives a very even spread of heat, whereas conventional heating heats one area initially and then takes time to circulate to reach the required comfort levels. Rising air temperature through conventional heating can cause discomfort and overheating, which in turn can reduce oxygen levels, and ultimately breathing problems if the air is too warm.

Radiant floor heating provides heat where it is needed and reduces the risk of overheating the body and it is as close to ideal heating as possible.

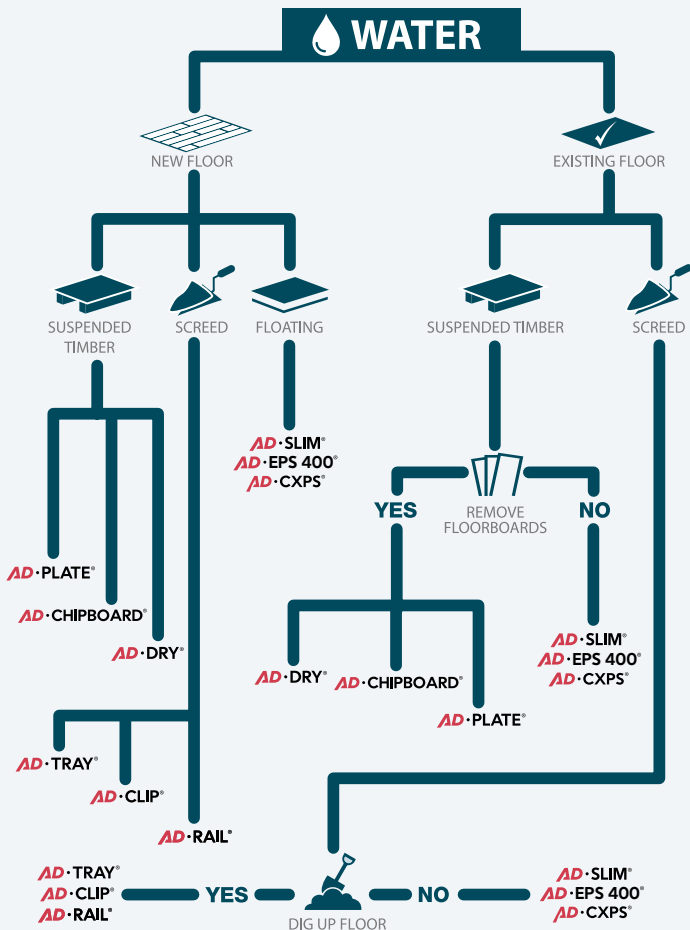


Underfloor heating provides a consistent even heating throughout the room.

Meaning no cold spots!

Water

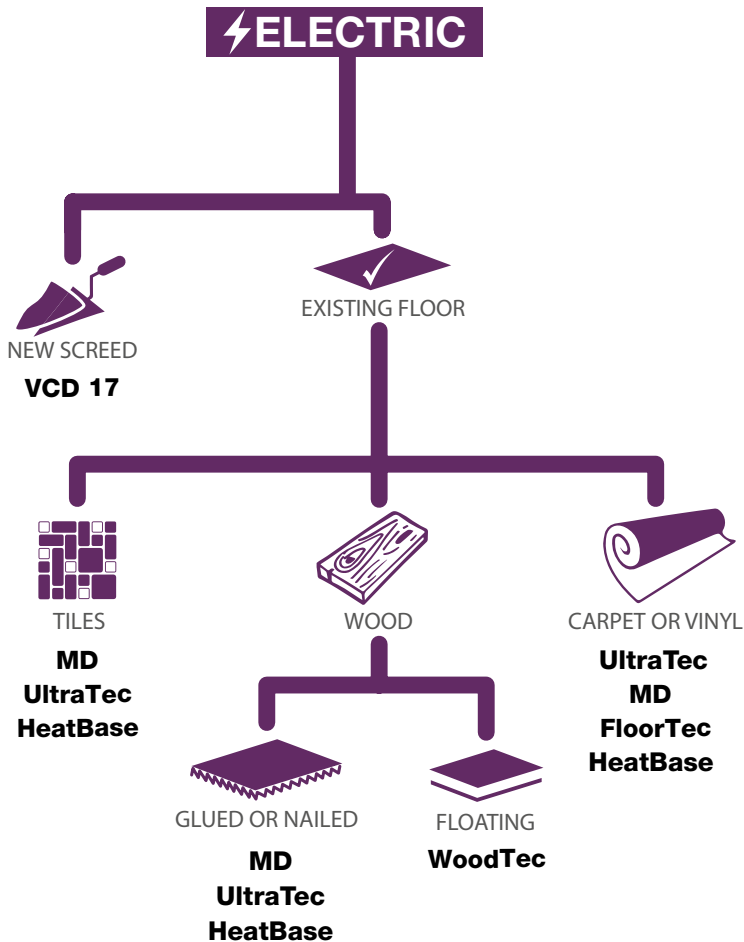
WATER UNDERFLOOR HEATING



See pages 21 - 37

Electric

ELECTRIC UNDERFLOOR HEATING



See pages 55 - 69

Complete House

New Build or refurbishment, we have a solution for every floor structure.

GROUND FLOORS

Ground floors are typically constructed with a floor screed so our in screed systems are perfect.

AD•CLIP® 1

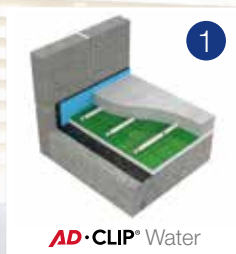
AD•RAIL® 2

UPPER FLOORS

Most upper floors have a timber suspended floor for which we have a variety of solutions.

AD•PLATE® 3

AD•DRY® 4



AD•CLIP® Water



AD•RAIL® Water



AD•PLATE® Water



AD•DRY® Water

Top tip

If you choose carpet as your floor finish, make sure the combined TOG value of the carpet and underlay does not exceed 2.5 TOG.

Other options

If you're not on mainline gas then you really should consider one of our electric underfloor heating solutions. They are economical to run and the maintenance costs are practically zero.

EXISTING FLOOR?

If your floor is existing and you can't or don't want to remove it, then use our AD-Slim system, which can be as thin as 18mm.

AD·SLIM®

5



5

AD·SLIM® Water

Neil

"AD Clip/Rail is fast & easy to install, reducing install time and costs. It has high efficiency because it utilises the thermal mass of the screed to provide maximum output"



uheat

Extension

GROUND FLOORS

Ground floors are typically constructed with a floor screed so our in screed systems are perfect.

AD·CLIP®

1

AD·RAIL®

2

UPPER FLOORS

Most upper floors have a timber suspended floor for which we have a variety of solutions.

AD·PLATE®

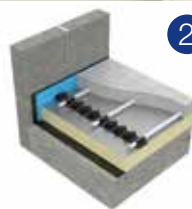
3

AD·DRY®

4



AD·CLIP® Water



AD·RAIL® Water



AD·PLATE® Water



AD·DRY® Water

Electric systems can be perfect for any extension as they can reduce initial costs and can be easier to install.

VCD17

5

MD Heating Mat

6



5

VCD17 Electric



6

MD Heating Mat
Electric

Top tip

If you're adding a water underfloor heating system to your existing central heating boiler, please ensure that it has sufficient capacity for the new load.

Other options

If you've already laid your base floor, then one of our retrofit systems would be an ideal solution.

Andy

"MD heating mats are fast and simple to install, saving time & money. As they are very thin, the floor height will be raised by the minimum amount."



Conservatory

CONSERVATORY & WINTER GARDEN

The easiest and most cost effective way to add underfloor heating to a conservatory, is to install an electric underfloor heating system.

MD Heat Mat ①

VCD17 ②

AD·CXPS® ③



/ Winter Garden

Top tip

Solid floor tiles or stone flooring have the lowest thermal resistance of all flooring types so use these to ensure maximum heat output. Especially important when heating higher heat loss areas.

Other options

If your conservatory is a new build with a new floor screed then you can use one of our AD Clip/Rail water underfloor heating solutions.

Jake

"VCD17 is our in-screed heating cable system which has the flexibility to work with most floor coverings and offers the opportunity to use off peak electricity tariffs"



Kitchen

KITCHEN

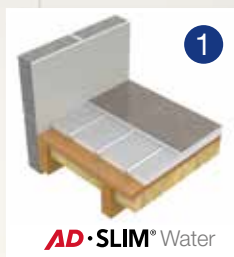
Underfloor heating in the kitchen just adds that touch of luxury. Once you've experienced warm tiles you'll never install tiles / stone without underfloor heating.

With this in mind, the easiest method is to install a very thin electric underfloor heating system.

AD·SLIM® ①

MD Heating Mat ②

WoodTec ③



Top tip

Installing a thin insulation such as Thermopanel or EkoBoard under the electric heating will improve the warmup time and reduce your running costs.

Other options

- If your kitchen is a new build, then you may have the opportunity to install an in screed system (water & electric) which can be more economical to purchase & operate.

Wojtek

"AD Slim is the perfect solution for renovation projects, being only 18mm deep and able to have some floor finishes installed with no further layers."



Bathroom / Wetr

BATHROOM / WETROOM / EN - SUITE

Typically underfloor heating is installed in a bathroom, wetroom or wc when they are being refurbished.

With this in mind, the easiest method is to install a very thin electric underfloor heating system.

UltraTec

1

HeatBase

2

MD Heating Mat

3



UltraTec Electric



HeatBase Electric



MD Heating Mat
Electric

oom / En-Suite

Top tip

Although it is permissible to install the thermostat inside the bathroom under certain conditions, we always recommend that the thermostat is installed outside the bathroom with the floor sensor in the bathroom. This will prevent steam / moisture causing any problems with the thermostat and ensure that it works efficiently.

Other options

A water based system can be installed in a small area and connected to the local radiator circuit, if it does not exceed 15m².

Neil

"UltraTec is probably the thinnest & strongest under tile heating cable available in the UK, reducing the amount of tile adhesive or self-levelling compound you need to cover the cable"



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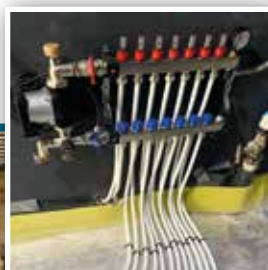
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Water Underfloor Heating

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WATER UNDERFLOOR HEATING

AD•RAIL®

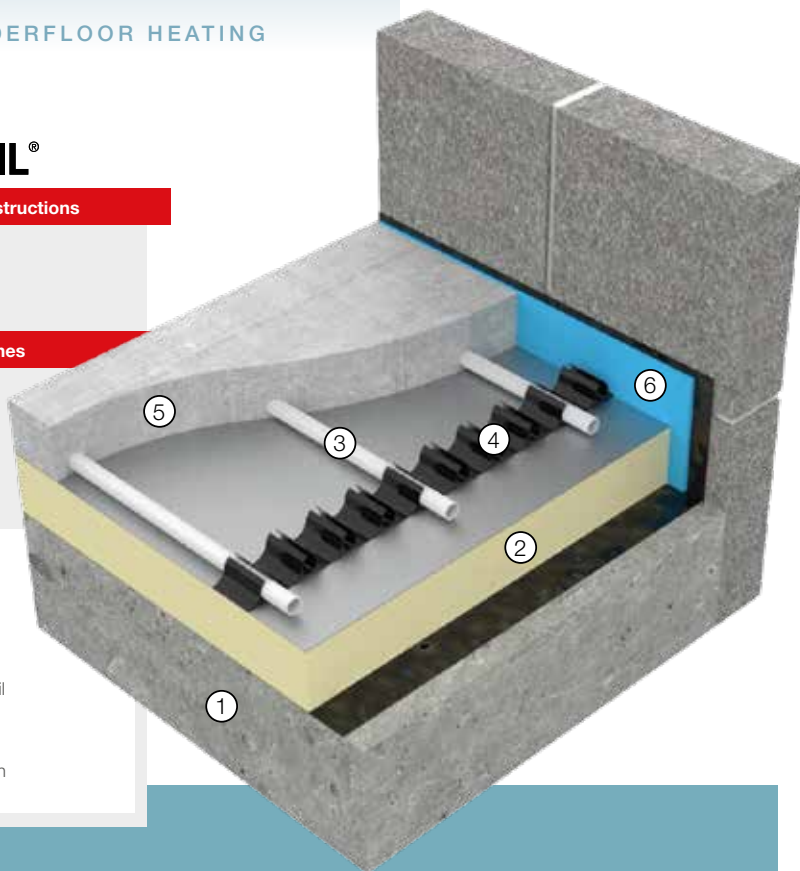
Suitable floor Constructions

Solid / Screed
Beam & Block

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

- ① Sub-Floor
- ② Insulation
- ③ Adept Pipe
- ④ Adept Grip Rail
- ⑤ Screed
- ⑥ Edge Insulation



Tools Required

Pipe Cutter
Pipe Reamer / Beveller
Power Drill
Spanner
Hydraulic Test Pump

Used for:-

Cut pipe to length
Prepare pipe for connection
Drill fixings for manifold
Tighten pipe fittings
Pressure test pipe loops

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Pipe
Pipe Clips
Manifolds
Pump / Mixer Sets
Pipe Fittings
Thermostats & Controls
Tools

Notes:

- Insulation should be rigid PIR
- Some insulation / screed combinations require a vapour barrier to be installed directly on the insulation before you install the pipe and lay the screed.
- To comply with building regulations, you should use a minimum 65mm sand / cement screed or 50mm pumped screed.

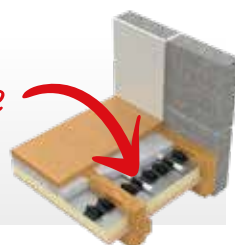
AD-RAIL Kits

Area (m2)	Part Number	RSP exc.VAT
20	UFHK20G	£447.49
40	UFHK40G	£699.39
60	UFHK60G	£843.73
80	UFHK80G	£1,005.90
100	UFHK100G	£1,154.14
120	UFHK120G	£1,316.31

	Kit size (m2)					
	20	40	60	80	100	120
Single Loop Control Pack	✓					
Manifold & Control Pack		✓	✓	✓	✓	✓
Manifold Ports		2	3	4	5	6
Pipe Length (m)	100	200	300	400	500	600
Pipe Connectors	✓	✓	✓	✓	✓	✓
Edge Insulation	25	25	50	50	75	75
Pipe Clips	200	400	600	800	1000	1200
Grip Rail	20	40	60	80	100	120



*Solution also available
for between joists*



WATER UNDERFLOOR HEATING

AD·CLIP®

Suitable floor Constructions

Solid / Screed
Beam & Block

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

- ① Sub-Floor
- ② Insulation
- ③ Adept Pipe
- ④ Adept Pipe Clip
- ⑤ Screed
- ⑥ Edge Insulation



Tools Required

Pipe Cutter
Pipe Reamer / Beveller
Power Drill
Spanner
Hydraulic Test Pump

Optional Tools

Tacker Gun

Used for:-

Cut pipe to length
Prepare pipe for connection
Drill fixings for manifold
Tighten pipe fittings
Pressure test pipe loops

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Pipe
Pipe Clips
Manifolds
Pump / Mixer Sets
Pipe Fittings
Thermostats & Controls
Tools

Notes:

- Insulation should be rigid PIR
- Some insulation / screed combinations require a vapour barrier to be installed directly on the insulation before you install the pipe and lay the screed.
- To comply with building regulations, you should use a minimum 65mm sand / cement screed or 50mm pumped screed.

AD-CLIP Kits

Area (m2)	Part Number	RSP exc.VAT
15	UFHK15S	£303.15
20	UFHK20S	£435.79
30	UFHK30S	£558.40
40	UFHK40S	£628.61
60	UFHK60S	£741.19
80	UFHK80S	£869.36
100	UFHK100S	£983.05
120	UFHK120S	£1,111.23
140	UFHK140S	£1,239.41

	Kit size (m2)								
	15	20	30	40	60	80	100	120	140
FHV Valve	✓								
Single Loop Control Pack		✓							
Manifold & Control Pack			✓	✓	✓	✓	✓	✓	✓
Manifold Ports			2	2	3	4	5	6	7
Pipe Length (m)	75	100	150	200	300	400	500	600	700
Pipe Connectors	✓	✓	✓	✓	✓	✓	✓	✓	✓
Edge Insulation	25	25	25	25	50	50	75	75	75
Pipe Clips	200	200	400	400	600	800	1000	1200	1400



AD•PLATE®

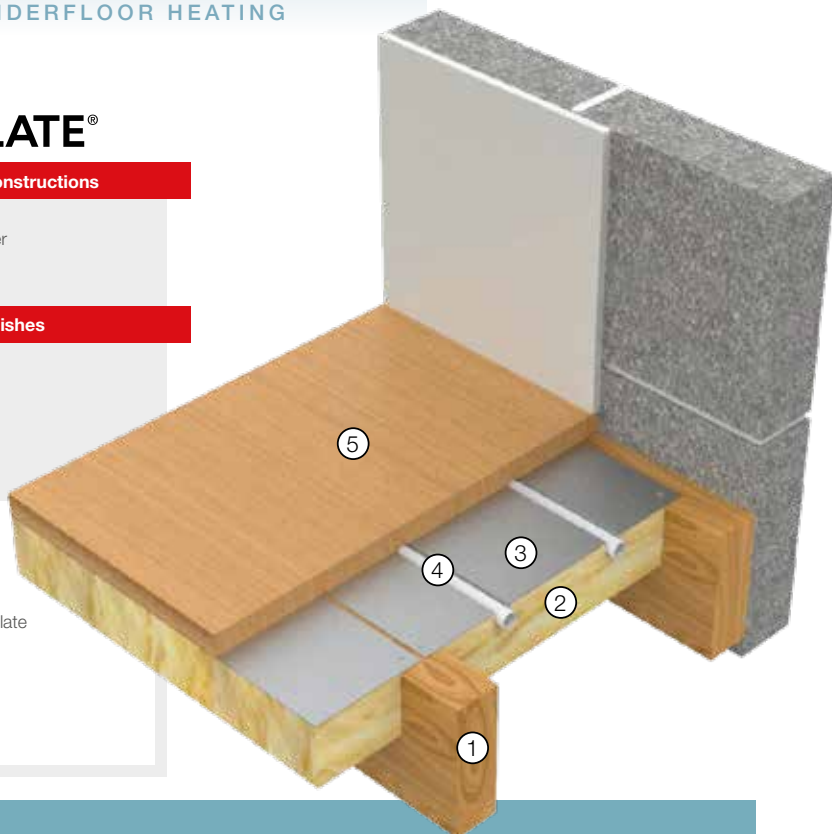
Suitable floor Constructions

Suspended Timber
Batten Floor

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

- ① Joist
- ② Insulation
- ③ Adept Alu Plate
- ④ Adept Pipe
- ⑤ Floorboard



Tools Required

Pipe Cutter
Pipe Reamer / Beveller
Power Drill
Spanner
Hydraulic Test Pump

Optional Tools

Hammer

Used for:-

Cut pipe to length
Prepare pipe for connection
Drill fixings for manifold
Tighten pipe fittings
Pressure test pipe loops

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Pipe
Pipe Clips
Manifolds
Pump / Mixer Sets
Pipe Fittings
Thermostats & Controls
Tools

Notes:

- Insulation is typically rockwool but rigid insulation can be used.

AD-PLATE Kits

Area (m2)	Part Number	RSP exc.VAT
15	UFHK15T	£472.57
20	UFHK20T	£637.53
40	UFHK40T	£1,093.40
60	UFHK60T	£1,457.31
80	UFHK80T	£1,941.04
100	UFHK100T	£2,357.89
120	UFHK120T	£2,771.96
140	UFHK140T	£3,184.91

	Kit size (m2)							
	15	20	40	60	80	100	120	140
DANFOSS FHV RADIATOR VALVE	✓							
SINGLE LOOP CONTROL PACK		✓						
MANIFOLD & CONTROL PACK			✓	✓	✓	✓	✓	✓
MANIFOLD PORTS			2	3	4	5	6	7
PIPE LENGTH (M)	75	100	200	300	400	500	600	700
PIPE CONNECTORS	✓	✓	✓	✓	✓	✓	✓	✓
ALUMINIUM SPREADER PLATES	31	42	83	124	165	205	250	290



AD•TRAY®

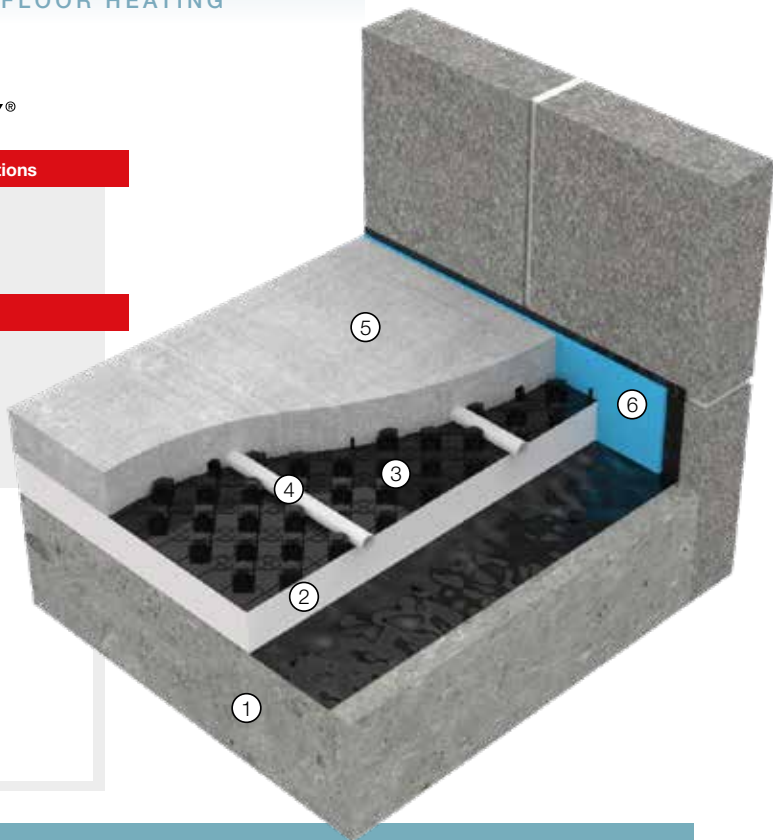
Suitable floor Constructions

Solid / Screed
Beam 7 Block

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

- ① Sub Floor
- ② Insulation
- ③ AD-TRAY
- ④ Adept Pipe
- ⑤ Screed
- ⑥ Edge Insulation



Tools Required

Pipe Cutter
Pipe Reamer / Beveller
Power Drill
Spanner
Hydraulic Test Pump

Optional Tools

Hammer

Used for:-

Cut pipe to length
Prepare pipe for connection
Drill fixings for manifold
Tighten pipe fittings
Pressure test pipe loops

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Pipe
Pipe Clips
Manifolds
Pump / Mixer Sets
Pipe Fittings
Thermostats & Controls
Tools

Notes:

- Insulation should be rigid PIR
- Some insulation / screed combinations require a vapour barrier to be installed directly on the insulation before you install the pipe and lay the screed.
- To comply with building regulations, you should use a minimum 65mm sand / cement screed or 50mm pumped screed.

AD-TRAY Kits

Area (m2)	Part Number	RSP exc.VAT
20	UFHK20TRAY	£712.21
40	UFHK40TRAY	£1,003.11
60	UFHK60TRAY	£1,310.74
80	UFHK80TRAY	£1,595.51
100	UFHK100TRAY	£1,887.54
120	UFHK120TRAY	£2,166.74

	Kit size (m2)					
	20	40	60	80	100	120
SINGLE LOOP CONTROL PACK	✓					
MANIFOLD & CONTROL PACK		✓	✓	✓	✓	✓
MANIFOLD PORTS		2	3	4	5	6
PIPE LENGTH (M)	100	200	300	400	500	600
PIPE CONNECTORS	✓	✓	✓	✓	✓	✓
EDGE INSULATION	25	25	50	50	75	75
TRAYS	20	40	60	80	100	120



AD•EPS 400®

Suitable floor Constructions

Solid / Screed
Beam & Block
Suspended Timber
Batten Floor

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

- ① Base-Floor
- ② AD-EPS 400
- ③ Adept Pipe
- ④ Floor Finish



Tools Required

Pipe Cutter
Power Drill
Spanner
Hydraulic Test Pump
Knife

Used for:-

Cut pipe to length
Drill fixings for manifold
Tighten pipe fittings
Pressure test pipe loops
Cut Panels

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Pipe
Pipe Clips
Manifolds
Pump / Mixer Sets
Pipe Fittings
Thermostats & Controls
Tools

Notes:

- Tile, Vinyl & Carpet floor finishes will need overboarding with minimum 6mm plywood before you install the floor finish

AD-EPS 400 Kits

Area (m2)	Part Number	RSP exc.VAT
15	UFHK15-EPS400	£915.57
30	UFHK30-EPS400	£1,516.52
45	UFHK45-EPS400	£2,104.27
60	UFHK60-EPS400	£2,692.01
75	UFHK75-EPS400	£3, 279.75
90	UFHK90-EPS400	£3,867.49
105	UFHK105-EPS400	£4,455.23

	Kit size (m2)						
	15	30	45	60	75	90	105
SINGLE LOOP CONTROL PACK	✓						
MANIFOLD & CONTROL PACK		✓	✓	✓	✓	✓	✓
MANIFOLD PORTS		2	3	4	5	6	7
PIPE CONNECTORS		4	6	8	10	12	14
EPS400 BOARDS	23	46	69	92	115	138	161



AD•SLIM®

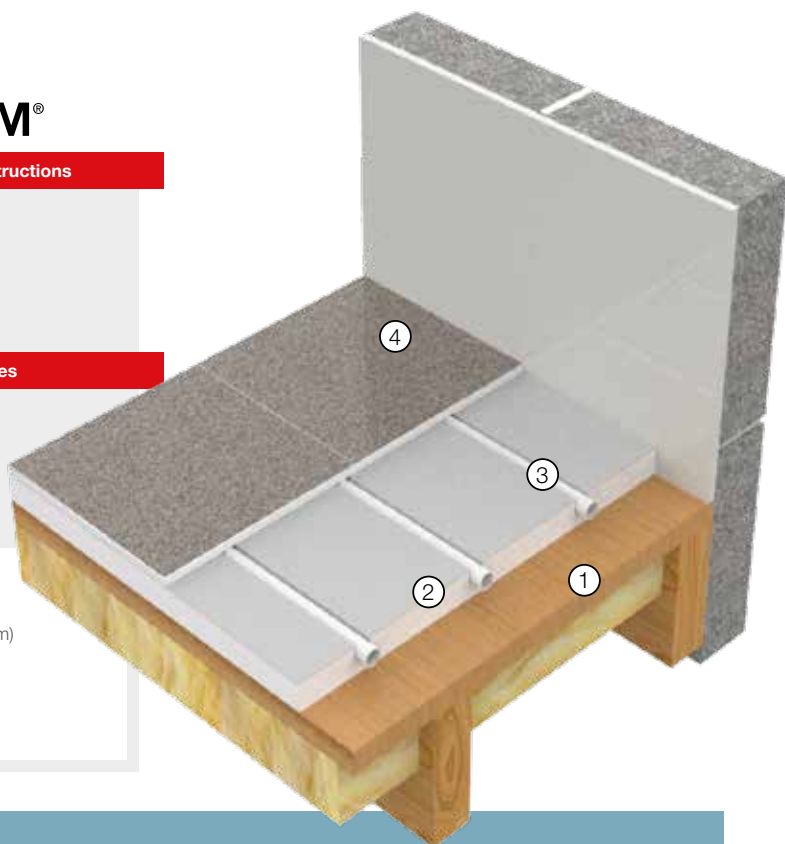
Suitable floor Constructions

Solid / Screed
Beam & Block
Suspended Timber
Batten Floor

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

- ① Base Floor
- ② AD-SLIM (18mm)
- ③ Adept Pipe
- ④ Floor Finish



Tools Required

Pipe Cutter
Power Drill
Spanner
Hydraulic Test Pump
Knife

Used for:-

Cut pipe to length
Drill fixings for manifold
Tighten pipe fittings
Pressure test pipe loops
Cut Panels

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Pipe
Pipe Clips
Manifolds
Pump / Mixer Sets
Pipe Fittings
Thermostats & Controls
Tools

Notes:

- Vinyl & Carpet floor finishes will need overboarding with minimum 6mm plywood before you install the floor finish

AD-SLIM Kits

Area (m2)	Part Number	RSP exc.VAT
12	UFHK120H	£902.24
21	UFHK210H	£1,310.74
24	UFHK240H	£1,496.87
33	UFHK330H	£1,874.72
39	UFHK390H	£2,105.99
51	UFHK510H	£2,668.86
63	UFHK630H	£3,092.40
75	UFHK750H	£3,766.72
84	UFHK840H	£4,165.19
90	UFHK900H	£4,433.80
97	UFHK970H	£4,762.05

	Kit size (m2)										
	12	21	24	33	39	51	63	75	84	90	97
SINGLE LOOP CONTROL PACK	YES										
MANIFOLD & CONTROL PACK		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MANIFOLD PORTS		2	2	3	4	5	6	7	8	8	9
PIPE LENGTH (M)	85	140	170	225	280	365	450	535	590	620	675
PIPE CONNECTORS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PANELS	18	31	37	49	57	75	92	110	123	132	142



AD-CHIPBOARD®

Suitable floor Constructions

Solid / Screed
Beam & Block
Suspended Timber
Batten Floor

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

- ① Sub Floor
- ② AD-CHIPBOARD (22mm)
- ③ 6mm Plywood
- ④ Floor Finish



Tools Required

Pipe Cutter
Power Drill
Spanner
Hydraulic Test Pump

Optional Tools

Hammer

Used for:-

Cut pipe to length
Prepare pipe for connection
Drill fixings for manifold
Tighten pipe fittings
Pressure test pipe loops

Materials Available from



Complete Kits (Standard & Bespoke)
Pipe
Pipe Clips
Manifolds
Pump / Mixer Sets
Pipe Fittings
Thermostats & Controls
Tools

Notes:

- AD-CHIPBOARD will require oboarding with 6mm plywood before installation of floor finishes

AD-CHIPBOARD Kits

Area (m2)	Part Number	RSP exc.VAT
12	UFHK12TG	Call us for price
21	UFHK21TG	
24	UFHK25TG	
33	UFHK33TG	
39	UFHK39TG	
51	UFHK51TG	
63	UFHK63TG	
75	UFHK75TG	
84	UFHK84TG	
90	UFHK90TG	
97	UFHK97TG	

	Kit size (m2)										
	12	21	25	33	39	51	63	75	84	90	97
SINGLE LOOP CONTROL PACK	YES										
MANIFOLD & CONTROL PACK		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MANIFOLD PORTS		2	2	3	4	5	6	7	8	9	9
PIPE LENGTH (M)	85	140	170	225	280	365	450	535	590	620	675
PIPE CONNECTORS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GROOVED CHIPBOARD PANELS	10	17	20	26	31	40	50	59	66	71	76



ALWAYS BY YOUR SIDE
WITH TECHNICAL SUPPORT

WATER UNDERFLOOR HEATING

AD·CXPS®

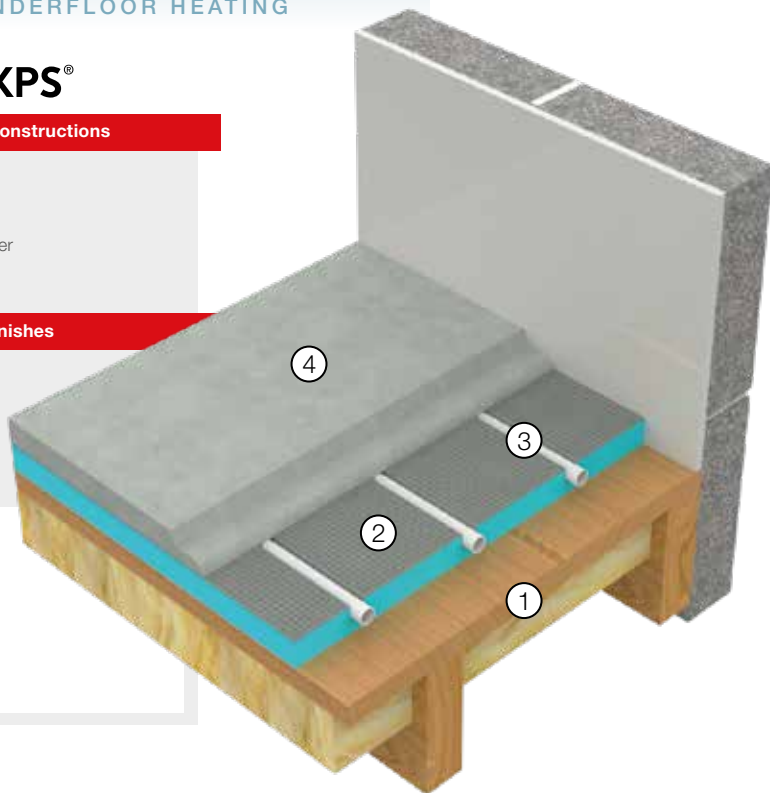
Suitable floor Constructions

Solid / Screed
Beam & Block
Suspended Timber
Batten Floor

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

- ① Sub Floor
- ② AD-CXPS
- ③ Adept Pipe
- ④ Floor Finish



Tools Required

Pipe Cutter
Power Drill
Spanner
Hydraulic Test Pump

Used for:-

Cut pipe to length
Drill fixings for manifold
Tighten pipe fittings
Pressure test pipe loops

Materials Available from

uheat

Complete Kits (Standard & Bespoke)
Pipe
Pipe Clips
Manifolds
Pump / Mixer Sets
Pipe Fittings
Thermostats & Controls
Tools

AD-CXPS kits

Area (m2)	Part Number	RSP exc.VAT
12	UFHK12-CXPS	£922.20
21	UFHK21-CXPS	£1,350.86
25	UFHK25-CXPS	£1,541.19
33	UFHK33-CXPS	£1,938.11
39	UFHK39-CXPS	£2,232.43
51	UFHK51-CXPS	£2,819.68
63	UFHK63-CXPS	£3,381.28
75	UFHK75-CXPS	£3,968.53
84	UFHK84-CXPS	£4,391.09
90	UFHK90-CXPS	£4,658.36
97	UFHK97-CXPS	£5,003.98

	Kit size (m2)										
	12	21	25	33	39	51	63	75	84	90	97
SINGLE LOOP CONTROL PACK	YES										
MANIFOLD & CONTROL PACK		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MANIFOLD PORTS		2	2	3	4	5	6	7	8	8	9
PIPE CONNECTORS		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CXPS BOARDS	18	31	37	49	57	75	92	110	123	132	142



ADEPT®

Thermostats

THERMOSTAT SOLUTIONS

Do you want to be able to program your Underfloor Heating using buttons?

T2670

Do you want smart control of your heating, with the option of manual programming?

T7000

Do you want wifi & smartphone control of your Underfloor Heating?

TW02**T6100****T2670**

The **T2670 Programmable Thermostat** that is ultra compact and provides precise control and is easily configured to control the temperature and timings for most Heating systems, including Electric or Wet Underfloor Heating Systems.

Features

- 2-pole safety power switch, On/off control output for heating device
- The room thermostat with built-in 10K NTC sensor, also have external floor sensor, three control mode available
- Shut down output when heating over limitation for protecting the wooden floor
- 7-days Programmable or non-programmable available
- Up to 6 heating periods per day.
- Keep user setting during power loss



version also available

Part Number	Description	Sensor	RSP exc.VAT
T2670W T2670B T2670S	Programmable Thermostat. White, Black or Silver	Air, Floor or Air & Floor	£54.69

TW02

The **Adept TW02 Thermostat** provides a uniform and comfortable temperature control for your Underfloor Heating. Suitable for Electric or Water Underfloor Heating systems, the TW02 WiFi Thermostat gives you maximum control over your heating while utilising modern technology to allow you control via your smartphone.



Control your heating via Amazon Echo or Google Home.

The TW02 allows you to set up to 6 heating periods per day and also allows you to set your temperatures from Monday to Friday, along with giving you extra flexibility with being able to control the settings for Saturday and Sunday separately.

Part Number	Description	Sensor	RSP exc.VAT
TW02W TW02B	Wifi Digital Programmable Thermostat. White or Black	Air, Floor or Air & Floor	£74.07

T6100

The **T6100 thermostat** allows you to remotely control your underfloor heating from anywhere you have an internet connection in the world. The T6100 has been designed to work with either water or electric underfloor heating without the need for a separate hub or gateway. It simply connects directly to your home wifi network.



You can control the T6100 singularly or in groups, making it fast and simple update your settings, times or required temperature. Complete with holiday mode and frost protection modes that can be set from the App (ios or Android) or on the thermostat.

Fully programmable for everyday of the week, with temperature sensing by air, floor or air & floor.

Part Number	Description	Sensor	RSP exc.VAT
T6100W T6100B	Wifi Digital Programmable Thermostat. White or Black	Air, Floor or Air & Floor	£108.26

T7000

The **Adept Smart Dial WiFi Thermostat** is a stylish programmable stat that gives you both manual and smartphone control of your underfloor heating system right at your fingertips. Featuring a textured finish and a smooth dial with an RGB ring light the T7000 thermostat to effortlessly blend into your home's aesthetic while giving you full control over your heating time schedule and temperatures.

Compatible with Voice Control via Amazon Alexa & and Google Home Assistant.



Features

- Elegant Display
- Premium Dial Control
- Durable Design
- Ambient Lighting
- Versatile Style
- Technical Excellence
- Wi-Fi
- Connectivity
- Energy Efficient
- Easy Installation

Part Number	Description	Sensor	RSP exc.VAT
T7000W T7000B T7000S T7000G	Smart Dial, Wifi Thermostat. White, Black, Silver or Gold	Air, Floor or Air & Floor	£108.26



Heatmiser Controls

Part Number	Description	RSP exc.VAT
UH4	4 Zone Wiring Centre	£60.99
UH8	8 Zone Wiring Centre	£72.76
UH8RF	8 Zone Wiring Centre - Wireless	£123.26
NEOPLUG	Wireless repeater for the UH8-RF, RF Switch and neoHub	£50.84
NEOAIR BLACK / WHITE / SILVER	Battery powered thermostat compatible with UH8-RF	£68.91
NEOSTAT-WHITE / BLACK	NeoStat Smartphone Controllable Programmable Thermostat	£68.91



UH8



UH4



NEOPLUG

NEOSTAT
BLACK / WHITENEOAIR
BLACK / WHITE / SILVER



FLEXIGAS CONTRACTOR KIT

15MM X 15MM, 22MM X 15MM & 28MM X 15MM

INCLUDED: PIPE COIL, ADAPTORS, SILICONE TAPE, INSTRUCTION SHEET

FLEXIGAS CSST COIL

VARIOUS SIZES AVAILABLE

CALL US FOR AVAILABILITY



THE FAST AND TRULY VERSATILE SYSTEM FOR GAS

Flexigas

Available from

uheat
providing underfloor heating since 2003

Pipe

High Specification MLCP pipe perfect for Underfloor Heating.

Adept MLCP Underfloor Heating Pipe is a high quality 5-layer composite pipe that combines the benefits of both metal and plastic pipes.

Specification

Service temperatures up to 95°C

Maximum working pressure: 10bar

Five-layer composite pipe

Combines the benefits of both metal and plastic pipes

Aluminium core prevents the ingress of oxygen

Flexible yet form stable

Full 25 Year Manufacturer's Guarantee

Manufactured in Europe



WRAS Approved PERT-AL-PERT Pipe

Product Code	Coil Sizes	RSP exc.VAT
MLCP162/25	25m	£31.34
MLCP162/50	50m	£62.68
MLCP162/75	75m	£94.02
MLCP162/100	100m	£125.35
MLCP162/120	120m	£150.42
MLCP162/150	150m	£188.03
MLCP162/200	200m	£250.70
MLCP162/500	500m	£626.75
MLCP202/25	25m	£41.02
MLCP202/50	50m	£82.04
MLCP202/100	100m	£164.09
MLCP202/200	200m	£323.56



Pipe

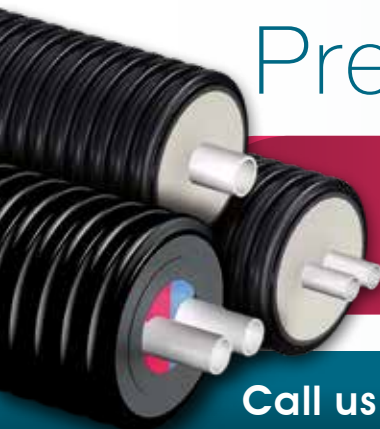
PERT Pipe

12mm diffusion resistant PERT pipework system for underfloor heating installations. Manufactured to strict European standards.

Part Number	Diameter	Coil Sizes	RSP exc.VAT
PERT12/85	12mm	85m	£96.86
PERT12/140	12mm	140m	£157.29

Pipe Conduit

Part Number	Dimensions	Length (m)	RSP exc.VAT
PC24/19	External Diameter 24mm, Internal Diameter 19mm	1m	£2.11



Pre-insulated Pipe

**Highly flexible
and supplied
cut to length**

Designed for heating water, hot tap water & cooling water. Suitable for use with remote boilers, heat pumps, biomass & district heating / cooling.

Call us for pricing on 01394 384 077

Fixings

We supply a range of different fixings for screed and timber, including pipe clips and grip rail.



Part Number	Description	RSP exc.VAT
PTCLIP40	Tacker Pipe Clip 40mm	£20.51
PTCLIP50	Tacker Pipe Clip 50mm	£21.36
PTCLIP60	Tacker Pipe Clip 60mm	£30.77
PCLIP50	Nylon Pipe Clips 50mm	£12.23
PCLIP65	Nylon Pipe Clips 65mm	£16.85
GRAIL16-23	1 Metre Grip Rail / Clamp Track	£2.15
ECLIP16 ECLIP20 ECLIP32	White Hinged Pipe Clip 16mm White Hinged Pipe Clip 20mm White Hinged Pipe Clip 32mm	£19.68 £22.15 £27.07
EDGE1508	25m, Edge / Perimeter Insulation	£17.15

Installation Tools

From pipe cutters to decoilers, we have everything in stock

	Part Number	Description	RSP exc.VAT
	REAMER	Tek Tools Underfloor Heating Pipe Reamer 16mm, 20mm, 25mm	£9.11
	REAMER20-32	Tek Tools Underfloor Heating Pipe Reamer 20mm, 25mm, 32mm	£11.39
	RM-TOOL 16 20 25 32	Tek Tools Reamer Bevelling Tool 16mm 20mm 25mm 32mm	£10.00 £11.00 £12.00 £14.00
	PCUTTER	ABS Pipe Cutter, ratchet action, die cast aluminium body and hardened steel blade. Cuts up to 20mm pipe without crushing.	£8.98
	PCUTTER- PRO	Piper Cutter for 16-32mm Pipe	£16.85
	TACKER	Lightweight aluminium alloy tacker gun, suitable for use with tacker clips such as PTCLIP's	£145.31
	DECOILER-2	Galvanised steel decoiler suitable for multilayer and PEX pipe.	£273.00

Manifolds

Stainless steel manifolds for use on underfloor heating systems. These consist of two manifold bars, one for the flow and one for the return, complete with ball valves and drain/filling valves.

On the flow bar each port has a flow indicator, with isolator including an easy to read gauge glass. Each port on the return bar is equipped with an integral control valve and protection cap which allows the user to adjust volume of water or can be removed to accept a thermoelectric actuator.



Specification

High Quality 1.4301 Stainless Steel
High Resistance to Chloride Ions

Modern Design with 180° without the need to Disassemble

**Simple Circuit Identification Thanks to Laser
Numbering on Beams**

Durable Clamps with Vibration Damping for Quiet Operation

Use with 3/4" Eurocone Adaptors

**Can be used with Electric Servomotors Mounted on the
Lower Beam of the Manifold**

Stainless Steel Manifolds

Part Number	Ports	RSP exc.VAT
UFHM2/A	2 Port	£127.80
UFHM3/A	3 Port	£149.10
UFHM4/A	4 Port	£170.40
UFHM5/A	5 Port	£191.70
UFHM6/A	6 Port	£213.00
UFHM7/A	7 Port	£234.30
UFHM8/A	8 Port	£255.60
UFHM9/A	9 Port	£276.90
UFHM10/A	10 Port	£298.20
UFHM11/A	11 Port	£319.50
UFHM12/A	12 Port	£340.80

Pipe Connectors & Accessories

Part Number	Description	RSP exc.VAT
PCM122	12mm 3/4"	£2.85
PCM152	15mm 3/4"	£2.85
PCM162	16mm 3/4"	£2.85
PCM172	17mm 3/4"	£2.85
PCM202	20mm 3/4"	£2.85



Control Packs & Pumps

We supply a wide range of control packs and pumps, covering all types of manifold and single zone circuits. We also have two mixing valves which help blend hot and cold water.



Part Number	Description	RSP exc.VAT
CPHP	'A' rated 20kW Control Pack	£216.51
CP15KW	'A' rated pump 15kW Control Pack	£269.14
CP5KW	'A' rated pump 5kW Control Pack	£348.28
BVCP2	3/4" Ball Valves for Control Pack	£18.35
PUMP-WILO	'A' Rated WILO Pump	£144.84
219-058	22mm Mixing Valve	£84.40
115-002	28mm Mixing Valve	£133.67

Part Number	Description	Volts	RSP exc.VAT
TA230-2	2 Wire Thermal Actuator	230v	£22.79
TA230-4	4 Wire Thermal Actuator	230v	£27.34
2PV22H	22mm 2 Port Motorised Valve	230v	£74.90
2PV28H	28mm 2 Port Motorised Valve	230v	£96.30
GPV22	22mm Pump Valve Gate Type	For Use With Pump	£6.44
GPV28	28mm Pump Valve - Gate Type	For Use With Pump	£9.45
SS1216X1/2M	16mm x 1/2" Male Compression Connection	Connects 16mm MLCP pipe to CP5KW	£3.32
S1216X15CU	16mm MLCP - 15cu Coupling Compression Fitting	Connects 16mm MLCP pipe to 15mm Copper Pipe	£4.97





ADEY

BEST PRACTICE



Amendments to the UK Buildings Regulations (2010), Part L – Conservation of Fuel and Power – took effect on 15th June 2022. Part L states that domestic heating systems should be prepared and commissioned by the British Standard BS 7593:2019.

Our Adey product range includes an assortment of award-winning filters, chemicals, and water testing solutions. These products, trusted by heating engineers worldwide, are designed to shield your heating system from boiler breakdown, decrease carbon emissions, and ultimately, reduce energy bills.

Available from **uheat**
providing underfloor heating since 2003

Product Code	Product Description	RSP exc.VAT
MCTT22	Adey MagnaClean TwinTech (22mm)	£152.00
MCHP28	Adey MagnaClean HP (28mm)	£164.00
MC3+	Adey MC3+ Cleaner 500ml	£16.65
MC1+	Adey MC1+ Central Heating Inhibitor 500ml	£16.65
MC10+	ADEY MC10+ BIOCID 500ML	£22.90
MC10+R	ADEY MC10+ RAPIDE BIOCID 300ML	£29.99
Procheck	ADEY Procheck Kit	£118.00
Procheck-R	ADEY Procheck Kit Refils	£75.00



TEST

This next-generation water testing kit provides lab-style reporting and interpretation instantly to a smartphone, enabling installers and engineers to test and treat water quality issues in one site visit.

PROCHECK KITS



CLEAN

MC3+ gets to work on breaking down debris fast. Its powerful formula is designed specifically to clear all debris. With its highly concentrated formula, the MC3+ restores your heating efficiency, reducing your heating and maintenance bills.

MC3+



PROTECT

Adey **MC1+** Central Heating Protector is non-hazardous, non-toxic and biodegradable. It is a high-performance corrosion and scale inhibitor formulated to protect your central heating system.

MC1+



MAINTAIN

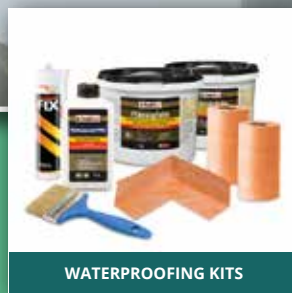
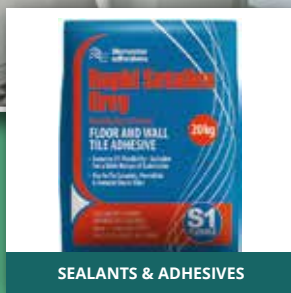
If you're using underfloor or renewable heating systems powered by heat pumps, it's crucial to capture not just magnetite but also other types of debris. If left untreated, magnetite can accumulate in central heating systems, resulting in reduced efficiency, cold spots on radiators, and potentially leading to boiler breakdowns.

MCTT22 MCHP28




MC10+



WATERPROOFING & Tiling Essentials



CONTACT US

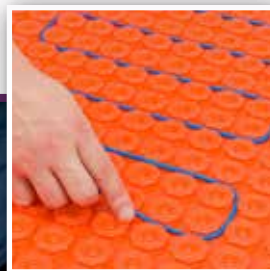
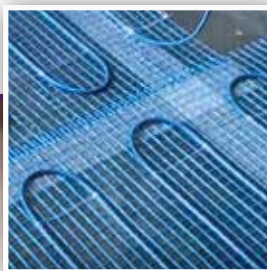
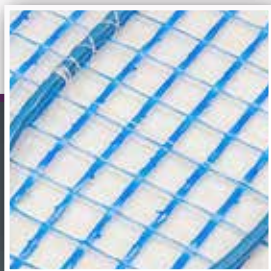
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 01394 330929
 www.tilefixstore.co.uk

OR VISIT OUR TRADE COUNTER

Mon-Fri 8am-5pm
Unit 16 Martlesham Creek Industrial
Estate, Sandy Ln, Woodbridge IP12 4SD

Electric Underfloor Heating

MD	56	Accessories	73
WoodTec	60	Thermostats & Controls	74
FloorTec	62	Thermopanel	76
UltraTec	64	EkoBoard	77
HeatBase	66	Mirror Demisters	78
VCD 17	68		
Thermostats	70		



ELECTRIC UNDERFLOOR HEATING

MD

Suitable floor Constructions

Solid / Screed
Beam & Block
Suspended Timber
Batten Floor

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

-
- ① Base Floor
 - ② Flexible Tile Adhesive
 - ③ Insulation
 - ④ MD Heating Mat
 - ⑤ Flexible Tile Adhesive and / or Compound
 - ⑥ Floor Finish

Tools Required

Multimeter
Insulation Resistance
Tester
Scissors
Screwdrivers

Used for:-

Testing Resistance
Testing Insulation Resistance

Cutting Heating Mat
Connecting Thermostat

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Heating Mats
Thermostats with Floor Sensor
Insulation
Flexible Tile Adhesive
Levelling Compound
Tools

Notes:

- Insulation is optional underneath the heating mats but it will reduce the warmup time and reduce running costs so it should always be used if possible.
- If the floor finish is tiles, then you can either use flexible tile adhesive directly on the heating mat or self-level over the heating mat then fix the tiles with flexible tile adhesive.
- If you're going to use MD heating mats under wood, vinyl or carpet, then you will need to use a levelling compound over the mat before installing the floor finish.

100 W/m² Underfloor heating mat

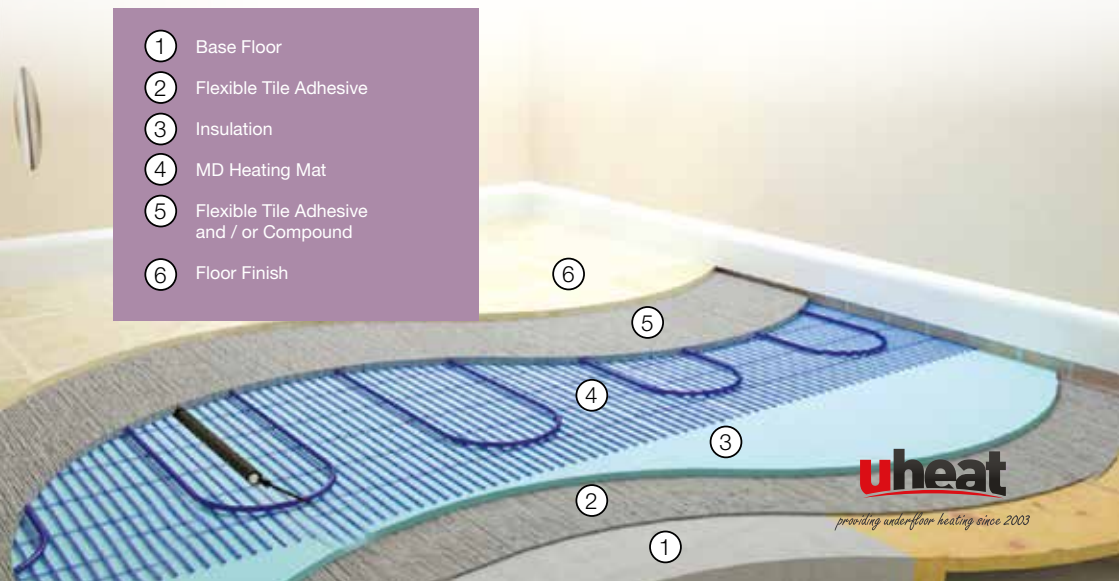
Part Number	Area (m ²)	Power (w)	Width (m)	Length (m)	RSP exc.VAT
MD100/1	1	100	0.5	2	£78.63
MD100/1.5	1.5	150	0.5	3	£87.50
MD100/2	2	200	0.5	4	£99.98
MD100/2.5	2.5	250	0.5	5	£112.48
MD100/3	3	300	0.5	6	£124.98
MD100/3.5	3.5	350	0.5	7	£135.93
MD100/4	4	400	0.5	8	£149.98
MD100/5	5	500	0.5	10	£180.71
MD100/6	6	600	0.5	12	£193.21
MD100/7	7	700	0.5	14	£201.03
MD100/8	8	800	0.5	16	£230.71
MD100/10	10	1000	0.5	20	£271.86
MD100/12	12	1200	0.5	24	£313.01



FOR THERMOSTATS

CHECK WEBSITE
FOR LATEST OFFERS

- ① Base Floor
- ② Flexible Tile Adhesive
- ③ Insulation
- ④ MD Heating Mat
- ⑤ Flexible Tile Adhesive and / or Compound
- ⑥ Floor Finish

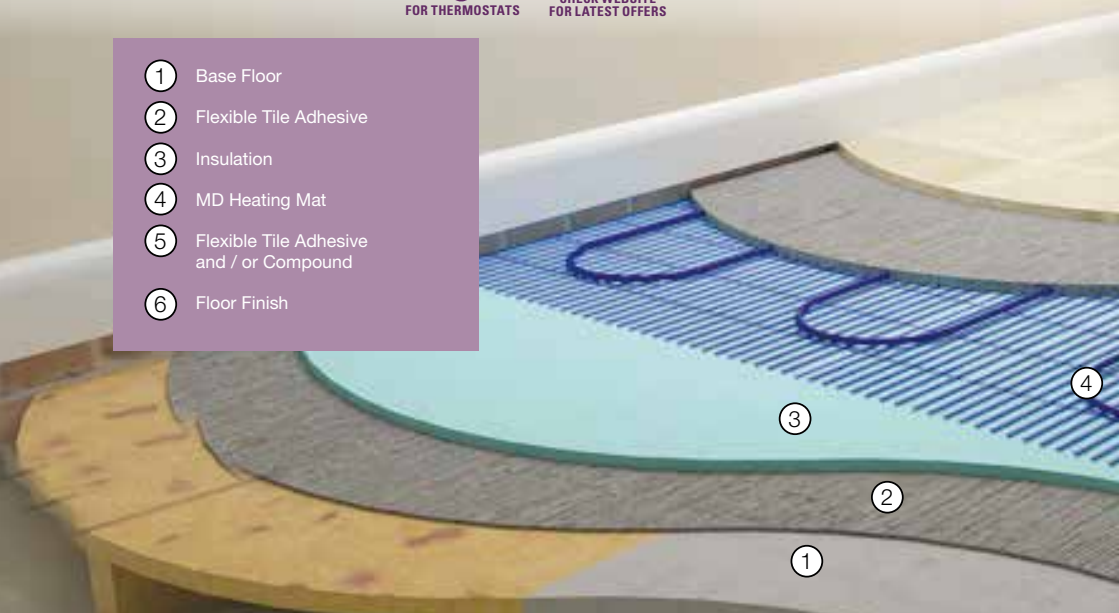

uheat
providing underfloor heating since 2003

160 W/m² Underfloor heating mat

Part Number	Area (m ²)	Power (w)	Width (m)	Length (m)	RSP exc.VAT
MD160/0.5	0.5	80	0.5	1	£68.73
MD160/1	1	160	0.5	2	£87.48
MD160/1.5	1.5	240	0.5	3	£106.23
MD160/2	2	320	0.5	4	£117.17
MD160/2.5	2.5	400	0.5	5	£127.59
MD160/3	3	480	0.5	6	£138.53
MD160/3.5	3.5	560	0.5	7	£149.98
MD160/4	4	640	0.5	8	£167.17
MD160/5	5	800	0.5	10	£197.38
MD160/6	6	960	0.5	12	£214.57
MD160/7	7	1120	0.5	14	£229.67
MD160/8	8	1280	0.5	16	£254.67
MD160/9	9	1440	0.5	18	£277.07
MD160/10	10	1600	0.5	20	£310.40



- ① Base Floor
- ② Flexible Tile Adhesive
- ③ Insulation
- ④ MD Heating Mat
- ⑤ Flexible Tile Adhesive and / or Compound
- ⑥ Floor Finish



200 W/m² Underfloor heating mat

Part Number	Area (m ²)	Power (w)	Width (m)	Length (m)	RSP exc.VAT
MD200/1	1	200	0.5	2	£90.09
MD200/1.5	1.5	300	0.5	3	£109.36
MD200/2	2	400	0.5	4	£118.73
MD200/2.5	2.5	500	0.5	5	£129.15
MD200/3	3	600	0.5	6	£143.73
MD200/3.5	3.5	700	0.5	7	£153.63
MD200/4	4	800	0.5	8	£168.73
MD200/5	5	1000	0.5	10	£178.63
MD200/6	6	1200	0.5	12	£205.71
MD200/7	7	1400	0.5	14	£243.21
MD200/8	8	1600	0.5	16	£268.21
MD200/10	10	2000	0.5	20	£318.21



uheat

powering under floor heating since 2003

WoodTec

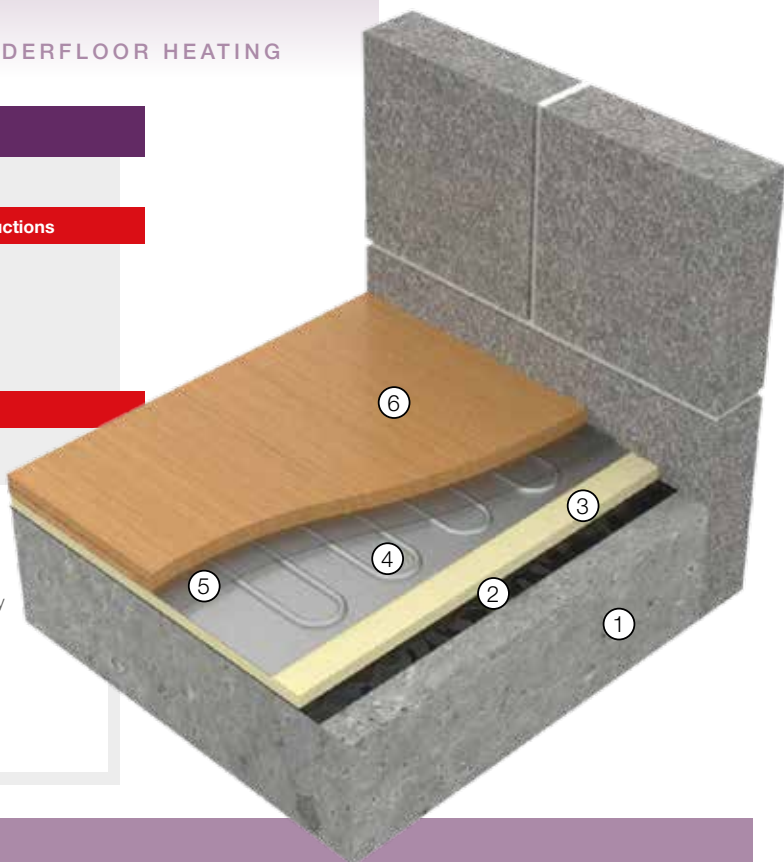
Suitable floor Constructions

Solid / Screed
Beam & Block
Suspended Timber
Batten Floor

Suitable floor finishes

Wood

- ① Sub-floor
- ② Vapour Barrier
- ③ Insulated Underlay
- ④ Foil Heater
- ⑤ Protective Sheet
- ⑥ Floor Finish



Tools Required

Multimeter
Insulation Resistance
Tester
Scissors
Screwdrivers

Used for:-

Testing Resistance
Testing Insulation Resistance

Cutting Heating Mat
Connecting Thermostat

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Heating Mats
Thermostats with Floor Sensor
Insulation
Tools

Notes:

- It is essential that a 6mm XPS insulating underlay, such as Izotherm, is used under the WoodTec heating mats.
- Your laminate or engineered wood flooring can be laid directly on to the WoodTec system without the need for any other underlay.



140 W/m² Underfloor heating mat

Part Number	Area (m ²)	Power (w)	Width (m)	Length (m)	RSP exc.VAT
WT140/3	3	420	0.5	6	£145.82
WT140/4	4	560	0.5	8	£170.82
WT140/5	5	700	0.5	10	£193.21
WT140/6	6	840	0.5	12	£224.46
WT140/8	8	1120	0.5	16	£280.71
WT140/10	10	1400	0.5	20	£330.71

IZ05	9.76	5mm Isotherm Insulating Underlay			£27.07
VP2	10	Vapour Barrier			£12.54



- ① Sub Floor
- ② Vapour Barrier
- ③ Insulated Underlay
- ④ Foil Heater
- ⑤ Protective Sheet
- ⑥ Floor Finish



uheat

providing underfloor heating since 2003

FloorTec

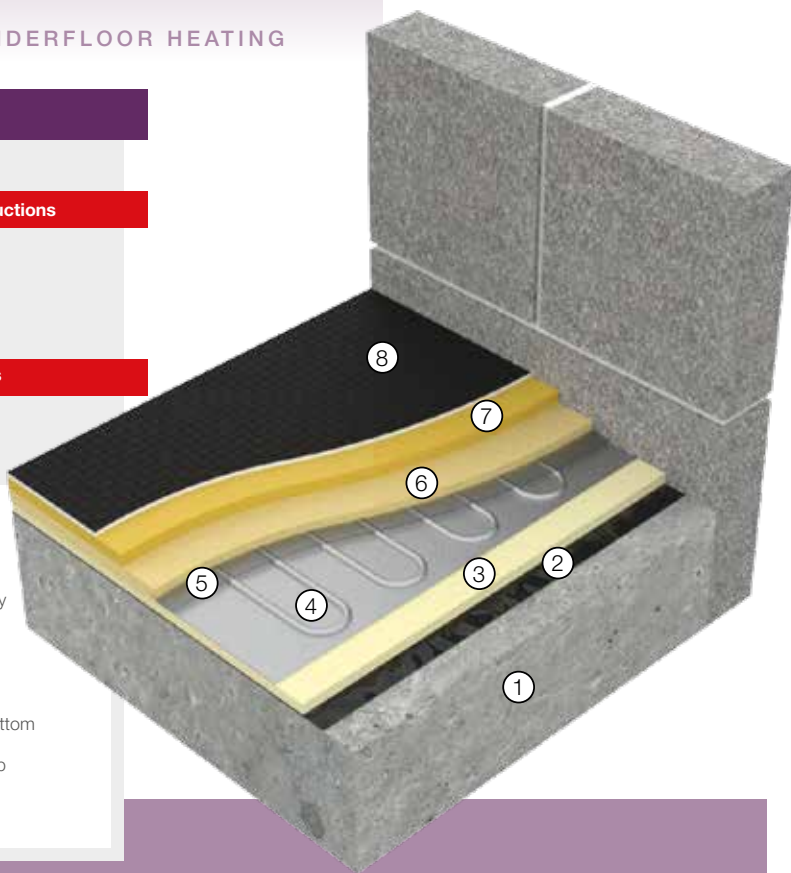
Suitable floor Constructions

Solid / Screed
Beam & Block
Suspended Timber
Batten Floor

Suitable floor finishes

Vinyl
Carpet

- ① Sub-floor
- ② Vapour Barrier
- ③ Insulated Underlay
- ④ Foil Heater
- ⑤ Protective Sheet
- ⑥ Dual Overlay - Bottom
- ⑦ Dual Overlay - Top
- ⑧ Floor Finish



Tools Required

Multimeter
Insulation Resistance
Tester
Scissors
Screwdrivers

Used for:-

Testing Resistance
Testing Insulation Resistance

Cutting Heating Mat
Connecting Thermostat

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Heating Mats
Thermostats with Floor Sensor
Insulation
Tools

Notes:

- It is essential that a 6mm XPS insulating underlay, such as Izotherm, is used under the WoodTec heating mats.
- The thermal resistance of your floor covering (Carpet + Underlay) should not exceed 2.5 TOG.



Underfloor heating mat prices

Part Number	Area (m ²)	Power (w)	Width (m)	Length (m)	RSP exc.VAT
FT140/3	3	420	0.5	6	£169.49
FT140/4	4	560	0.5	8	£241.99
FT140/5	5	700	0.5	10	£259.99
FT140/6	6	840	0.5	12	£284.99
FT140/8	8	1120	0.5	16	£382.49
FT140/10	10	1400	0.5	20	£475.00
IZ05	9.76	5mm Izotherm Insulating Underlay			£27.07
VP2	10	Vapour Barrier			£11.00
FloorTec2	3.6	FloorTec Overlay Boards			£63.77



- ① Sub Floor
- ② Vapour Barrier
- ③ Insulated Underlay
- ④ Foil Heater
- ⑤ Protective Sheet
- ⑥ Dual Overlay - Bottom
- ⑦ Dual Overlay - Top
- ⑧ Floor Finish



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providing underfloor heating since 2003

UltraTec

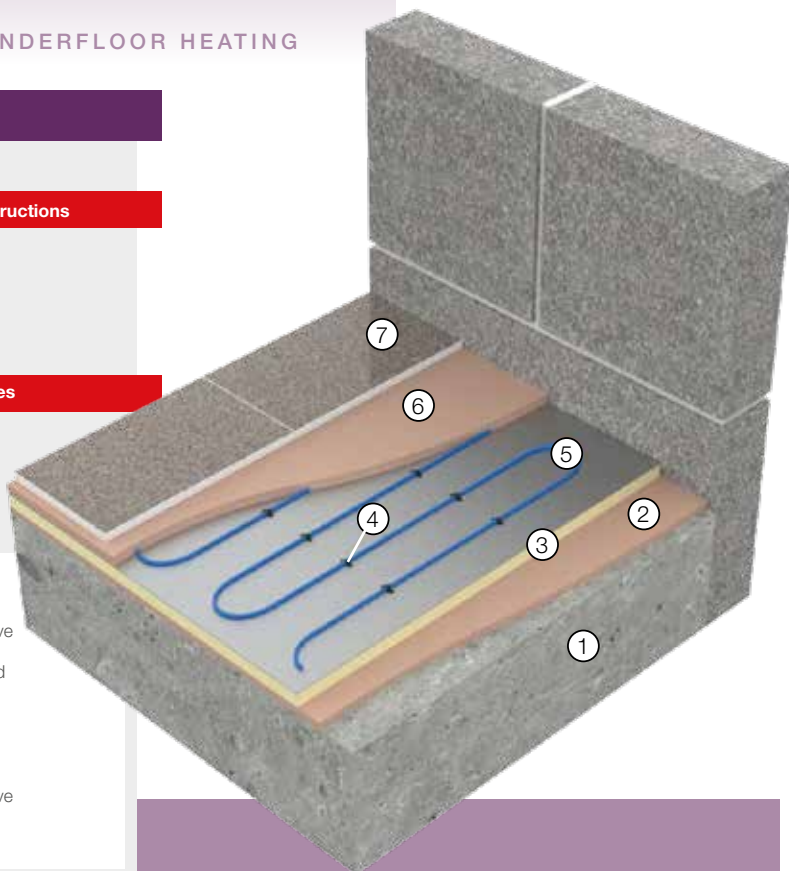
Suitable floor Constructions

Solid / Screed
Beam & Block
Suspended Timber
Batten Floor

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

- ① Sub-floor
- ② Flexible Adhesive
- ③ Insulation Board
- ④ Tape
- ⑤ Loose wire
- ⑥ Flexible Adhesive
- ⑦ Floor Finish



Tools Required

Multimeter
Insulation Resistance
Tester
Screwdrivers

Used for:-

Testing Resistance
Testing Insulation Resistance
Connecting Thermostat

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Heating Cables
Thermostats with Floor Sensor
Insulation
Flexible Tile Adhesive
Levelling Compound
Tools

Notes:

- Insulation is optional underneath the heating cables but it will reduce the warmup time and reduce running costs so it should always be used if possible.
- If the floor finish is tiles, then you can either use flexible tile adhesive directly on the heating mat or self-level over the heating cable then fix the tiles with flexible tile adhesive.
- If you're going to use UltraTec heating cables under wood, vinyl or carpet, then you will need to use a levelling compound over the cable before installing the floor finish.

Underfloor heating cable prices

Part Number	Cable Length (m)	Power (w)	Area (m2) Concrete Base	Area (m2) Wood Base	RSP exc. VAT
UT10/90	9	90	0.45-0.65	0.7-1	£36.45
UT10/135	13.5	135	0.65-0.9	1-1.2	£68.74
UT10/145	15	145	0.9-1.1	1.2-1.7	£70.82
UT10/220	22.5	220	1.1-1.5	1.7-2.2	£72.91
UT10/285	28.5	285	1.5-1.9	2.2-2.8	£79.16
UT10/320	32	320	1.9-2.1	2.8-3.3	£86.45
UT10/400	40	400	2.1-2.5	3.3-4	£95.82
UT10/450	45	450	2.5-2.8	4-4.5	£104.16
UT10/555	55	555	2.8-3.6	4.5-5.5	£110.41
UT10/690	70	690	3.6-4.5	5.5-6.9	£118.74
UT10/780	78	780	4.5-5.2	6.9-7.8	£124.99
UT10/980	98	980	5.2-6.5	7.8-9.8	£149.99
UT10/1100	110	1100	6.5-7.3	9.8-11	£171.86
UT10/1320	132	1320	7.3-8.8	11-13.2	£197.91
UT10/1650	165	1650	8.8-11	13.2-16.5	£260.41
UT10/2050	203	2050	11-13.6	16.5-20.5	£310.00

- ① Sub-floor
- ② Flexible Adhesive
- ③ Insulation Board
- ④ Tape
- ⑤ Loose wire
- ⑥ Flexible Adhesive
- ⑦ Floor Finish



CHECK WEBSITE
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HeatBase

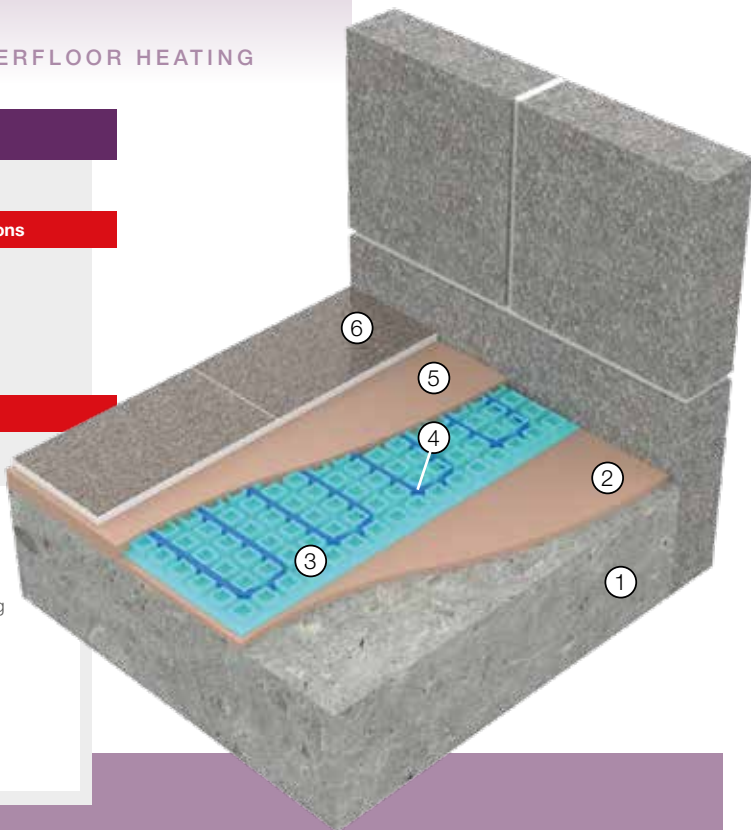
Suitable floor Constructions

Solid / Screed
Beam & Block
Suspended Timber
Batten Floor

Suitable floor finishes

Tiles

- ① Sub-floor
- ② Flexible Tile Adhesive
- ③ Heat Base Decoupling Membrane
- ④ Heating Cable
- ⑤ Flexible Tile Adhesive
- ⑥ Floor Tiles



Tools Required

Multimeter
Insulation Resistance
Tester
Screwdrivers

Used for:-

Testing Resistance
Testing Insulation Resistance

Connecting Thermostat

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Heating Cables
Thermostats with Floor Sensor
Insulation
Flexible Tile Adhesive
Levelling Compound
Tools
Decoupling Membrane

Notes:

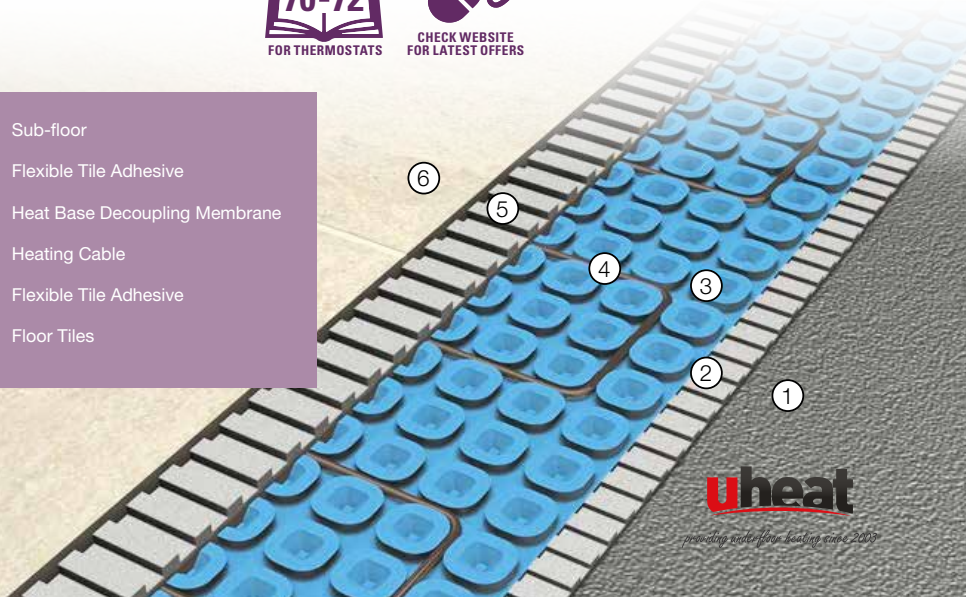
- You must use flexible tile adhesive to secure the HeatBase mat to the floor and to fix the tiles on top of the heating cable / HeatBase mat
- As you are using Heatbase, you will not need any other decoupling membrane.

HeatBase kit prices

Part Number	Area (m ²)	Cable Length (m)	Heatbase (m ²)	Power (w)	RSP exc.VAT
HBDM10/90	0.55 to 0.82	8.5	1	90	£45.16
HBDM10/135	0.87 to 1.31	13.5	2	135	£90.32
HBDM10/145	0.98 to 1.45	15	2	145	£92.41
HBDM10/220	1.45 to 2.18	22.5	3	220	£110.49
HBDM10/285	1.84 to 2.76	28.5	4	285	£115.70
HBDM10/320	2.06 to 3.09	32	4	320	£137.95
HBDM10/400	2.58 to 3.87	40	4	400	£147.32
HBDM10/450	2.9 to 4.35	45	5	450	£170.61
HBDM10/555	3.55 to 5.32	55	6	555	£191.82
HBDM10/690	4.52 to 6.77	70	7	690	£216.16
HBDM10/780	5.03 to 7.54	78	8	780	£237.36
HBDM10/980	6.32 to 9.48	98	10	980	£292.28
HBDM10/1100	7.1 to 10.56	110	11	1100	£327.03
HBDM10/1320	8.51 to 12.76	132	14	1320	£398.99
HBDM10/1650	10.64 to 15.96	165	17	1650	£440.95
HBDM10/2050	13.09 to 19.63	203	21	2050	£554.95



- ① Sub-floor
- ② Flexible Tile Adhesive
- ③ Heat Base Decoupling Membrane
- ④ Heating Cable
- ⑤ Flexible Tile Adhesive
- ⑥ Floor Tiles



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VCD 17

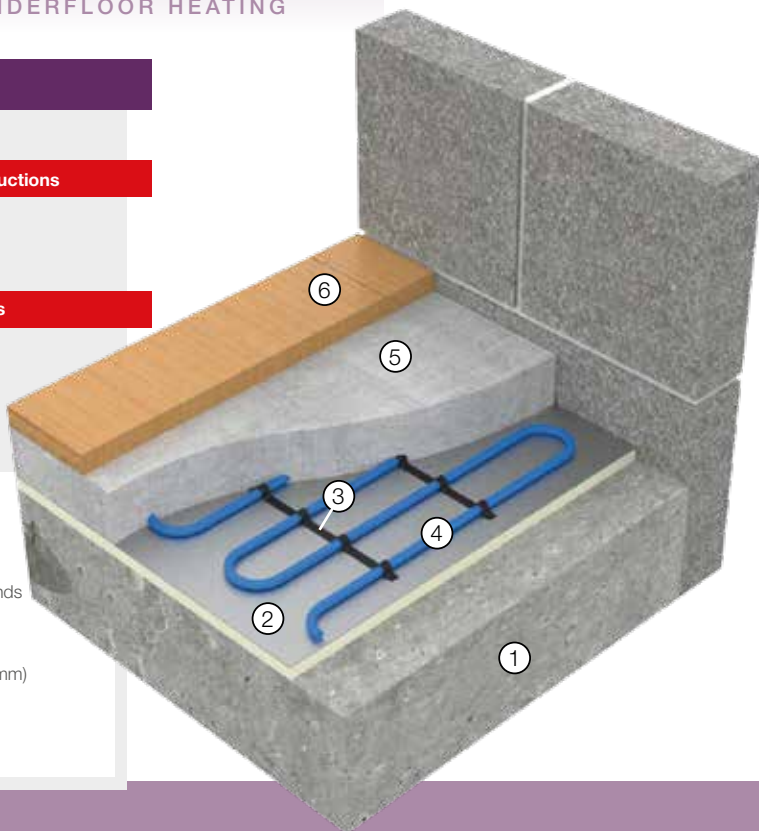
Suitable floor Constructions

Solid / Screed
Beam & Block

Suitable floor finishes

Tiles
Wood
Vinyl
Carpet

- ① Sub-floor
- ② Insulation
- ③ Metal Fixing Bands
- ④ Heating cable
- ⑤ Screed (min 50mm)
- ⑥ Floor Finish



Tools Required

Multimeter
Insulation Resistance
Tester
Screwdrivers

Used for:-

Testing Resistance
Testing Insulation Resistance
Connecting Thermostat

Materials Available from **uheat**

Complete Kits (Standard & Bespoke)
Heating Cables
Thermostats with Floor Sensor
Insulation
Flexible Tile Adhesive
Levelling Compound
Tools

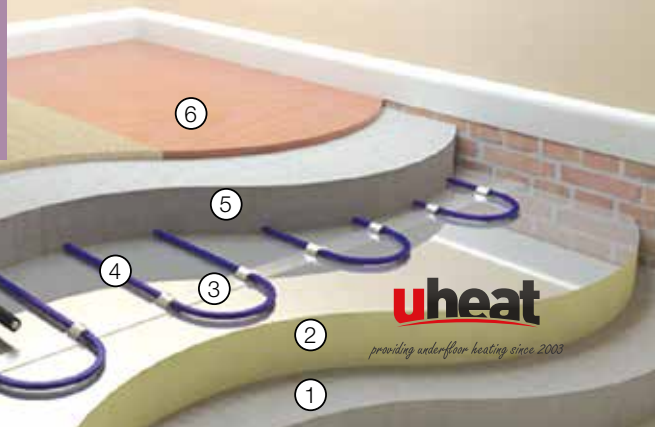
Notes:

- Insulation should be rigid PIR
- Some insulation / screed combinations require a vapour barrier to be installed directly on the insulation before you install the cable and lay the screed.
- To comply with building regulations, you should use a minimum 65mm sand / cement screed or 50mm pumped screed.

Underfloor heating cable prices

Part Number	Cable Length (m)	Power (w)	Area (m2) Within House	Area (m2) Conservatory	RSP exc.VAT
VCD17/260	15.5	260	1.7 - 2.0	1.2 - 1.5	£80.20
VCD17/305	18	305	2.0 - 2.3	1.5 - 1.8	£88.53
VCD17/350	20.5	350	2.3 - 2.7	1.8 - 2.1	£91.66
VCD17/410	24.5	410	2.7 - 3.2	2.1 - 2.4	£94.78
VCD17/480	28	480	3.2 - 3.6	2.4 - 2.8	£98.95
VCD17/545	32	545	3.6 - 4.3	2.8 - 3.1	£104.16
VCD17/610	35	610	4.3 - 4.7	3.1 - 3.8	£109.36
VCD17/745	43	745	4.7 - 5.9	3.8 - 4.6	£124.99
VCD17/910	54	910	5.9 - 7.6	4.6 - 6	£142.70
VCD17/1200	70	1200	7.6 - 9.5	6 - 7.2	£182.28
VCD17/1430	85	1430	9.5 - 10.6	7.2 - 8.0	£192.70
VCD17/1590	93	1590	10.6 - 12.8	8.0 - 9.5	£208.32
VCD17/1900	110	1900	12.8 - 14	9.5 - 10.2	£231.24
VCD17/2030	120	2030	14 - 15	10.2 - 11.4	£239.57
VCD17/2280	133	2280	15 - 16.5	11.4 - 12.5	£257.28
VCD17/2490	147	2490	16.5 - 17.5	12.5 - 13.3	£270.82
VCD17/2660	155	2660	17.5 - 19.5	13.3 - 14.8	£287.49
VCD17/2950	172	2950	19.5 - 21	14.8 - 15.9	£296.86

- ① Sub-floor
- ② Insulation
- ③ Metal Fixing Bands
- ④ Heating cable
- ⑤ Screed (min 50mm)
- ⑥ Floor Finish



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providing under-floor heating since 2003

ADEPT® Thermostats

THERMOSTAT SOLUTIONS

Do you want to be able to program your Underfloor Heating using buttons?

T2670

Do you want smart control of your heating, with the option of manual programming?

T7000

Do you want wifi & smartphone control of your Underfloor Heating?

TW02

T6100

T2670

The **T2670 Programmable Thermostat** that is ultra compact and provides precise control and is easily configured to control the temperature and timings for most Heating systems, including Electric or Wet Underfloor Heating Systems.

Features

- 2-pole safety power switch, On/off control output for heating device
- The room thermostat with built-in 10K NTC sensor, also have external floor sensor, three control mode available
- Shut down output when heating over limitation for protecting the wooden floor
- 7-days Programmable or non-programmable available
- Up to 6 heating periods per day.
- Keep user setting during power loss



version also available

Part Number	Description	Sensor	RSP exc.VAT
T2670W T2670B T2670S	Programmable Thermostat. White, Black or Silver	Air, Floor or Air & Floor	£54.69

TW02

The Adept TW02 Thermostat provides a uniform and comfortable temperature control for your Underfloor Heating. Suitable for Electric or Water Underfloor Heating systems, the TW02 WiFi Thermostat gives you maximum control over your heating while utilising modern technology to allow you control via your smartphone.



Control your heating via Amazon Echo or Google Home.

The TW02 allows you to set up to 6 heating periods per day and also allows you to set your temperatures from Monday to Friday, along with giving you extra flexibility with being able to control the settings for Saturday and Sunday separately.

Part Number	Description	Sensor	RSP exc. AT
TW02W TW02B	Wifi Digital Programmable Thermostat. White or Black	Air, Floor or Air & Floor	£74.07

T6100

The T6100 thermostat allows you to remotely control your underfloor heating from anywhere you have an internet connection in the world. The T6100 has been designed to work with either water or electric underfloor heating without the need for a separate hub or gateway. It simply connects directly to your home wifi network.



You can control the T6100 singularly or in groups, making it fast and simple update your settings, times or required temperature. Complete with holiday mode and frost protection modes that can be set from the App(ios or Android) or on the thermostat.

Fully programmable for everyday of the week, with temperature sensing by air, floor or air & floor.

Part Number	Description	Sensor	RSP exc.VAT
T6100W T6100B	Wifi Digital Programmable Thermostat. White or Black	Air, Floor or Air & Floor	£108.26

ELECTRIC UNDERFLOOR HEATING

T7000

The Adept Smart Dial WiFi Thermostat is a stylish programmable stat that gives you both manual and smartphone control of your underfloor heating system right at your fingertips. Featuring a textured finish and a smooth dial with an RGB ring light the T7000 thermostat to effortlessly blend into your home's aesthetic while giving you full control over your heating time schedule and temperatures.

Compatible with Voice Control via Amazon Alexa & and Google Home Assistant.



Features

- Elegant Display
- Premium Dial Control
- Durable Design
- Ambient Lighting
- Versatile Style
- Technical Excellence
- Wi-Fi
- Connectivity
- Energy Efficient
- Easy Installation

Part Number	Description	Sensor	RSP exc.VAT
T7000W T7000B T7000S T7000G	Smart Dial, Wifi Thermostat. White, Black, Silver or Gold	Air, Floor or Air & Floor	£108.26



Accessories

Electric Underfloor Heating Accessories, everything from fixing straps to multimeters.

Part Number	Description	RSP exc.VAT
TME10	10m Aluminium Fixing Strap	£12.00
TME15	15m Aluminum Fixing Strap	£18.00
TME25	25m Aluminium Fixing Strap	£30.00
TUB2	1 x 1.5 Flexible Conduit	£2.59
SA10	50m x 50mm Gaffer Tape	£1.55
SA20	50m x 50mm Gaffer Tape	£2.59
SA50	50m x 50mm Gaffer Tape	£4.99
IM60	Heating Cable / Mat Monitor	£17.17



TME10
TME15
TME25



TUB2



IM60



SA10
SA20
SA50

Thermostats & Controls

Elektra Thermostats



The Elektra MCD5-1999 offers heating comfort with minimal consumption of power. It has a 4-event temperature controller specifically designed for electric underfloor heating, the controller comes with a built-in air sensor and a 3m floor sensor / probe. The air sensor on the controller can also be disabled which makes it perfect for rooms such as bathrooms where the controller is placed outside the room requiring heat.



The MWD-5 WiFi is the new version of the acclaimed MCD-5 (above) touchscreen temperature controller, giving it WiFi functionality on top of all its familiar benefits. This allows users to control electric underfloor heating systems on any scale via an app, giving them easy access to full control.

Part Number	Description	Sensor	RSP exc.VAT
MCD5-1999	Digital Programmable Thermostat	Air, Floor or Air & Floor	£121.86
MWD5-WIFI	WiFi Digital Programmable Thermostat	Air, Floor or Air & Floor	£176.03

Heatmiser Controls

Part Number	Description	Sensor	RSP exc.VAT
SLIMLINE-E	Programmable Thermostat Slimline V4	Air, Floor or Air & Floor	£56.92
NEOSTAT-E-BLACK NEOSTAT-E-WHITE NEOSTAT-E-SILVER	NeoStat Electric UFH White, Black or Silver		£73.19



NEOSTAT-E
BLACK, WHITE OR SILVER



SLIMLINE-E





Tile Backer Board

Tile backerboard can be used for waterproofing, insulating and drylining. Backerboards can be used to insulate and waterproof walls, floors and ceilings. Especially useful when used with electric underfloor heating to reduce your heating costs. The thicker the construction board the better the insulation. Tile backerboards can be used all over the house as an insulation board and then simply tiled over or plaster finished.

Part Number	Thickness	Dimensions	RSP exc.VAT
TP04	4mm	1250mm x 600mm	£11.76
TP06	6mm	1250mm x 600mm	£11.76
TP08	8mm	1250mm x 600mm	£12.28
TP10	10mm	1250mm x 600mm	£12.80
TP12	12mm	1250mm x 600mm	£13.95
TP15	15mm	1250mm x 600mm	£16.66
TP20	20mm	1250mm x 600mm	£17.91
TP30	30mm	1250mm x 600mm	£20.82
TP40	40mm	1250mm x 600mm	£21.76
TP50	50mm	1250mm x 600mm	£23.95

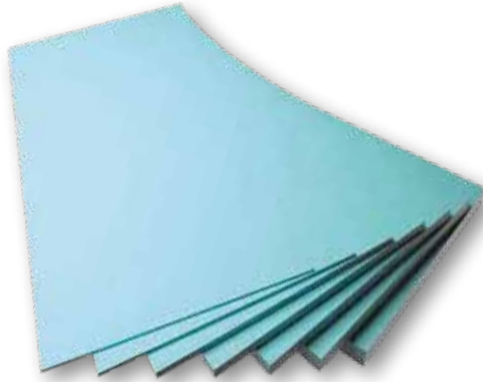
Accessories

Part Number	Description	Dimensions	RSP exc VAT
MSW36	Stainless Steel Washers	36mm	£12.49
IJT90	Board Joint Tape	90mm x 50mm	£5.20

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EkoBoard

EkoBoard insulation has been designed to ensure that your underfloor heating system works as efficiently as possible. Ekoboard is suitable for solid base floors, such as screed and concrete.



What will EkoBoard do for you?

- Reduce your energy bills.
- Improve the performance of your heating.
- Feel the warmth faster

Why use EkoBoard?

- Inexpensive
- Easy to install
- Safe
- Thin

Part Number	Description	Dimensions	RSP exc.VAT
EKB06	Underfloor Heating Floor Insulation - 6mm	1250mm x 600mm	£6.23
EKB10	Underfloor Heating Floor Insulation - 10mm	1250mm x 600mm	£7.28
EKB20	Underfloor Heating Floor Insulation - 20mm	1250mm x 600mm	£10.92
EKB30	Underfloor Heating Floor Insulation - 30mm	1250mm x 600mm	£16.65
EKB40	Underfloor Heating Floor Insulation - 40mm	1250mm x 600mm	£16.63
EKB50	Underfloor Heating Floor Insulation - 40mm	1250mm x 600mm	£18.73



Mirror Demisters



Product Features

- Ensures a completely condensation free mirror
- Fully self adhesive backing ensures maximum contact for efficient heat transfer.
- Just 0.4mm thick
- Adept Mirror Demisters can be wired up to switch on automatically with your light switch, PIR movement sensor or even a home automation system or BMS.
- Wire multiple demister pads in parallel for large mirrors
- Mains voltage 230V

Part Number	Description	Width (mm)	Height (mm)	Power (W)	RSP exc. VAT
DFM03	300mm Round Demister - 10.61W - 230V	300	300	10.61	£34.18
DFM04	400mm Round Demister - 20.34W - 230V	400	400	20.34	£39.88
DFM0303	300 x 300mm Square Demister - 13.52W - 230V	300	300	13.52	£34.18
DFM0404	400 x 400mm Square Demister - 25.92W - 230V	400	400	25.92	£39.88
DFM0505	500 x 500mm Square Demister - 42.32W - 230V	500	500	42.32	£43.30
DFM0306	300 x 600mm Rectanglar Demister - 29.12W - 230V	300	600	29.12	£47.18
DFM0406	400 x 600mm Rectanglar Demister - 40.32W - 230V	400	600	40.32	£44.94
DFM0507	500 x 700mm Rectanglar Demister - 60.72W - 230V	500	700	60.72	£62.68
DFM0608	600 x 800mm Rectanglar Demister - 85.12W - 230V	600	800	85.12	£85.47
DFM1008	1000 x 800mm Rectanglar Demister - 145.92W - 230V	1000	800	145.92	£113.95

Frost Protection

SnowTec	80
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Elektra SnowTec way Heating Mats

300W/m²

For **CONCRETE, BLOCK PAVING
DRIVEWAYS & PATHS**



ELEKTRA SnowTec Heating Mats are ready to install heating elements. The Elektra SnowTec Heating Mat is constructed using ELEKTRA VCD heating cable secured with unique tape in the mat shape. This system is designed for outdoor use to protect driveways, walkways, ramps, etc. from snow and ice.

Specification

Type of Heating Cable:	Double-core of Dia. ~5 x 7mm
Number of Cold Tails:	1
Power output:	300W/m ²
Power supply:	230V~50/60Hz
Minimum installation temperature:	0°C
Maximum operating temperature:	+80°C
Power output of heating cable:	30W/m
Insulation:	XLPE
Outer Sheath:	heat resistant PVC
Resistance tolerance:	±5%
Minimum radius of bending cable:	5 D
Protection:	IPX7

Part Number	Power (w)	Width (m)	Length (m)	RSP exc.VAT
SNOWTEC 300/2	400	0.6	2	£89.57
SNOWTEC 300/3	520	0.6	3	£105.19
SNOWTEC 300/4	670	0.6	4	£124.98
SNOWTEC 300/5	930	0.6	5	£159.36
SNOWTEC 300/7	1140	0.6	7	£173.94
SNOWTEC 300/10	1860	0.6	10	£285.40
SNOWTEC 300/13	2560	0.6	13	£352.07
SNOWTEC 300/16	2890	0.6	16	£388.53
SNOWTEC 300/21	3730	0.6	21	£469.78



Elektra SnowTec TUFF Driveway Heating Mats

400W/m²

For **ASPHALT DRIVEWAYS & PATHS**



ELEKTRA SnowTec Tuff Heating Mats are ready to install heating elements, composed of an ELEKTRA TuffTec heating cable produced in accordance with EN 60335-1. The cable is secured with unique tape to a 600mm wide mat. This system is designed for outdoor use to protect against snow and ice on asphalt / tarmac driveways, walkways, ramps, etc.

Specification

Type of Heating Cable:	Double-core of Dia. ~6.8mm
Number of Cold Tails:	1
Power output:	400W/m ²
Power supply:	230V, 400V~50/60Hz
Minimum installation temperature:	-25°C
Maximum operating temperature:	+110°C
Power output of heating cable:	40W/m
Insulation:	double layer, FEP + HDPE
Outer Sheath:	HFFR
Resistance tolerance:	±5% -10%
Minimum radius of bending cable:	3.5 D
Protection:	IPX7

Part Number	Power (w)	Width (m)	Length (m)	RSP exc.VAT
SNOWTEC-TUFF400/1.5	310	0.6	1.5	£94.42
SNOWTEC-TUFF400/3	730	0.6	3	£160.40
SNOWTEC-TUFF400/6	1350	0.6	6	£278.63
SNOWTEC-TUFF400/9	2150	0.6	9	£319.26
SNOWTEC-TUFF400/12	2750	0.6	12	£395.30
SNOWTEC-TUFF400/14	3370	0.6	14	£413.01
SNOWTEC-TUFF400/16	3650	0.6	16	£513.01
SNOWTEC-TUFF400/18	4400	0.6	18	£558.84



Elektra FreezeTec Heating Cable

12 W/m

PIPE HEATING CABLE



Ready made frost protection kit complete with 12W/m heating cable, thermostat, flex & plug. Suitable for the protection from frost of pipes such as condensate pipes from boilers.

Specification

Type of Heating Cable
Number of Cold Tails
Power output
Power supply
Minimum installation temperature
Maximum operating temperature
Insulation
Outer Sheath
Resistance tolerance
Minimum radius of bending cable
Protection

double-core, conductor screen,
single side power supply
1
12W/m (+5°C)
230V~50/60Hz
-5°C
+70°C
XLPE
Heat resistant PVC
±5% -10%
3.5 D
IPX7

Part Number	Cable Length (m)	Power (w)	Cold Tail Length (m)	RSP exc.VAT
FREEZETEC12/2	2	24	1.5	£51.55
FREEZETEC12/3	3	36	1.5	£59.36
FREEZETEC12/5	5	60	1.5	£69.26
FREEZETEC12/7	7	84	1.5	£80.71
FREEZETEC12/10	10	120	1.5	£95.82
FREEZETEC12/15	15	180	1.5	£124.46
FREEZETEC12/21	21	252	1.5	£148.42
FREEZETEC12/30	30	360	1.5	£206.23
FREEZETEC12/42	42	504	1.5	£250.51



Elektra SelfTec Heating Cable

16 W/m

SELF REGULATING CABLE



ELEKTRA SelfTec Self regulating Heating Cables are ready-to install heating sets. An antifrost protection system for pipes, gutters, downpipes, valves and other objects which could be damaged by low temperatures.

Specification

Type of Heating Cable	self regulating, single-side power supply
Number of Cold Tails	1
Power output	16W/m (+5°C)
Power supply	230V~50/60Hz
Minimum installation temperature	0°C
Maximum operating temperature	+65°C
Conductor	tin-coated copper 2 x 0.6 mm2
Insulation	modified polyolefin
Outer Sheath	UV resistant, halogen free polyolefin
Resistance tolerance	±5%
Minimum radius of bending cable	3.5 D
Protection	IPX7

Part Number	Cable Length (m)	Power (w)	Cold Tail Length (m)	RSP exc.VAT
SELFTEC 16/1	1	16	1	£36.44
SELFTEC 16/2	2	32	1	£48.94
SELFTEC 16/3	3	48	1	£59.88
SELFTEC 16/5	5	80	1	£84.88
SELFTEC 16/7	7	112	1	£103.63
SELFTEC 16/10	10	160	1	£142.69
SELFTEC 16/15	15	240	1	£180.71
SELFTEC 16/20	20	320	1	£257.28



Elektra DIN-Rail Controllers

To control your Snow & Ice Protection Mats and Cables, you need a controller and we have a range of Elektra DIN-Rail controllers

Part Number	Description	RSP exc.VAT
ET02-4550	Digital Din Rail Mounted Snow & Ice Thermostat (Sensor Not Included)	£476.03
ETR2	Manual Din Rail Mounted Snow & Ice Thermostat (Sensor Not Included)	£406.23
ETOG-56T	External Ground Sensor	£389.57
ETN4-1999	Din Rail Mounted Temperature Controller (Sensor not Included)	£148.94
ETOR-55	Gutter Humidity Sensor	£240.61
ETF144/99T	Ultra Thin Floor Sensor - 3m	£20.30
ETF744/99	External remote sensor	£46.34
ETOK-T	Mounting tube for ETOG-56T	£71.32



ETR2



ETN4-1999



ET02-4550



ETF144/99T



ETF744/99



ETOR-55



ETOG-56T



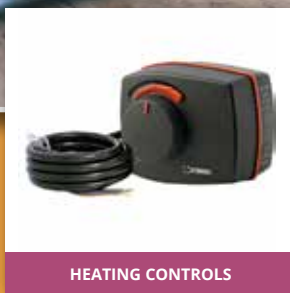
ALWAYS BY YOUR SIDE
WITH TECHNICAL SUPPORT

MODERN & TRADITIONAL

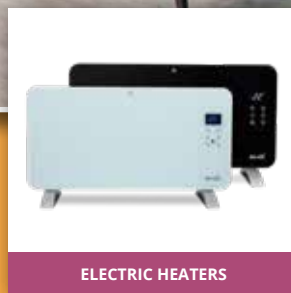
Heating Solutions



ALUMINIUM RADIATORS



HEATING CONTROLS



ELECTRIC HEATERS

CONTACT US

-  mail@tradeheat.co.uk
-  01394 330920
-  www.tradeheat.co.uk

OR VISIT OUR TRADE COUNTER

Mon-Fri 8am-5pm
Unit 16 Martlesham Creek Industrial
Estate, Sandy Ln, Woodbridge IP12 4SD

Flexible Plumbing

MLCP Pipe	87
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MLCP Pipe

Our PERT-AL-PERT WRAS Approved Pipe is suitable for all types of plumbing and heating. Being WRAS Approved our pipe can be used for drinking water applications. PERT-AL-PERT is easy to bend and holds shape with a thin layer of aluminium, which also acts as a core to prevent the ingress of oxygen.



Specification

High Specification MLCP pipe.
 Service temperatures: 40°C - 95°C
 Maximum working pressure: 10bar
 Five-layer composite pipe
 Combines the benefits of both metal and plastic pipes

Aluminium core prevents the ingress of oxygen
 Flexible yet form stable
 Full 25 Year Manufacturer's Guarantee
 Manufactured in Europe
 WRAS Approved



WRAS Approved PERT-AL-PERT Pipe

Product Code	Coil Sizes	RSP exc.VAT
MLCP Coils		
MLCP162/25	25m	£31.34
MLCP162/50	50m	£62.68
MLCP162/75	75m	£94.02
MLCP162/100	100m	£125.35
MLCP162/120	120m	£150.42
MLCP162/150	150m	£188.03
MLCP162/200	200m	£250.7
MLCP162/500	500m	£626.75
MLCP202/25	25m	£41.02
MLCP202/50	50m	£82.04
MLCP202/100	100m	£164.09
MLCP202/200	200m	£323.56
MLCP252/25	25m	£63.81
MLCP252/50	50m	£127.63
MLCP252/100	100m	£255.26
MLCP323/25	25m	£93.44
MLCP323/50	50m	£186.89



Compression Fittings

Part Number	Size	RSP exc.VAT
Nickel Plated Brass Fitting		
SS1216x1216	16mm	£4.47
SS1620x1620	20mm	£5.87
SS2025x2025	25mm	£9.41
Male compression adapter		
SS1216x1/2M	16mm x 1/2"	£3.38
Compression stop end		
SE1216/p	16mm	£3.52
SE1620/p	20mm	£4.78
SE2025/p	25mm	£7.68
SE2632/p	32mm	£11.24
MTA adaptor		
SMTA15x16	15-16mm	£3.55
Transition to copper pipe		
S1216x15cu	16x15Cu	£4.98
S1620x15cu	20x15Cu	£6.63



Press Fittings

Part Number	Size	RSP exc.VAT
Press coupling		
PS1216x1216	16mm	£2.13
PS1620x1620	20mm	£2.85
PS2025x2025	25mm	£5.02
PS2632x2632	32mm	£7.20
Press coupling reducer		
PS1620x1216	20 x 16mm	£3.11
PS2025x1216	16 x 25mm	£5.07
PS2632x1216	16 x 32mm	£7.20
PS1620x2025	20 x 25mm	£5.07
PS2632x1620	20 x 32mm	£7.09
PS2632x2025	25 x 32mm	£7.20



Press Fittings

Part Number	Size	RSP exc.VAT
Male press adapter		
PS1216x1/2M	16mm x 1/2"	£2.73
PS1216x3/4M	16mm x 3/4"	£3.45
PS1216x1M	16mm x 1"	£5.17
PS1620x1/2M	20mm x 1/2"	£3.33
PS1620x3/4M	20mm x 3/4"	£4.06
PS1620x1M	20mm x 1"	£6.11
PS2025x1/2M	25mm x 1/2"	£4.61
PS2025x3/4M	25mm x 3/4"	£5.25
PS2025x1M	25mm x 1"	£5.09
PS2632x3/4M	32mm x 3/4"	£6.78
PS2632x1M	32mm x 1"	£7.98
PS2632x1-1/2M	32mm x 1 1/2"	£14.05
PS2632x1-1/4M	32mm x 1 1/4"	£10.77
Female press adapter		
PS1216x1/2F	16mm x 1/2"	£3.33
PS1216x3/4F	16mm x 3/4"	£3.99
PS1216x1F	16mm x 1"	£6.27
PS1620x1/2F	20mm x 1/2"	£3.76
PS1620x3/4F	20mm x 3/4"	£4.54
PS1620x1F	20mm x 1"	£6.36
PS2025x1/2F	25mm x 1/2"	£4.94
PS2025x3/4F	25mm x 3/4"	£5.81
PS2025x1F	25mm x 1"	£6.77
PS2632x3/4F	32mm x 3/4"	£6.99
PS2632x1F	32mm x 1"	£9.19
Press screw connection with female swivel thread		
PS1216x1/2F-H	16mm x 1/2"	£4.33
PS1620x3/4F-H	20mm x 3/4"	£5.81
PS1620x1F-H	20mm x 1"	£8.26
PS2025x3/4F-H	25mm x 3/4"	£7.55
PS2025x1F-H	25mm x 1"	£8.80
PS2632x1F-H	32mm x 1"	£11.95



Press Fittings

Part Number	Size	RSP exc.VAT
Press elbow 90		
PL1216x1216	16mm	£2.96
PL1620x1620	20mm	£4.11
PL2025x2025	25mm	£6.27
PL2632x2632	32mm	£9.06
Press elbow 90 with male thread		
PL1216x1/2M	16mm x 1/2"	£3.88
PL1216x3/4M	16mm x 3/4"	£5.45
PL1620x1/2M	20mm x 1/2"	£4.62
PL1620x3/4M	20mm x 3/4"	£6.10
PL2025x1/2M	25mm x 1/2"	£6.13
PL2025x3/4M	25mm x 3/4"	£7.20
PL2025x1M	25mm x 1"	£8.78
PL2632x1M	32mm x 1"	£11.87
Press elbow 90 with female thread		
PL1216x1/2F	16mm x 1/2"	£4.16
PL1216x3/4F	16mm x 3/4"	£5.60
PL1620x1/2F	20mm x 1/2"	£5.39
PL1620x3/4F	20mm x 3/4"	£6.40
PL2025x1/2F	25mm x 1/2"	£6.57
PL2025x3/4F	25mm x 3/4"	£7.24
PL2025x1F	25mm x 1"	£8.96
Press elbow 90 reducer		
PL1620x1216	20mm x 16mm	£3.99
PL2025x1216	25mm x 16mm	£5.88
PL2025x1620	25mm x 20mm	£6.49
PL2632x1620	32mm x 20mm	£8.16
Press wall plate elbow		
PZL1216x1/2F	16mm x 1/2"	£5.59
PZL1620x1/2F	20mm x 1/2"	£6.27
PZL1620x3/4F	20mm X 3/4"	£8.04



Press Fittings

Part Number	Size	RSP exc.VAT
Press tee		
PT1216x1216x1216	16mm	£3.35
PT1620x1620x1620	20mm	£5.87
PT2025x2025x2025	25mm	£9.58
PT2632x2632x2632	32mm	£14.13
Press tee with reducer		
PT1216x2025x1216	16 x 25 x 16mm	£6.44
PT1216x1620x1216	16 x 20 x 16mm	£5.56
PT1620x1216x1216	20 x 16 x 16mm	£5.47
PT1620x1216x1620	20 x 16 x 20mm	£5.48
PT1620x1620x1216	20 x 20 x 16mm	£5.48
PT1620x2025x1620	20 x 25 x 20mm	£7.48
PT2025x1216x2025	25 x 16 x 25mm	£7.59
PT2025x1620x2025	25 x 20 x 25mm	£8.38
PT2025x1620x1620	25 x 20 x 20mm	£7.59
PT2025x2025x1620	25 x 25 x 20mm	£8.38
PT2025x2632x2025	25 x 32 x 25mm	£12.54
PT2632x1216x2632	32 x 16 x 32mm	£11.34
PT2632x1620x2632	32 x 20 x 32mm	£11.34
PT2632x2025x2632	32 x 25 x 32mm	£11.34



PRESS TEE



PRESS TEE WITH REDUCER

Press Fittings

Part Number	Size	RSP exc.VAT
Press tee with female thread		
PT1216x1/2Fx1216	16mm x 1/2" x 16mm	£5.81
PT1620x1/2Fx1620	20mm x 1/2" x 20mm	£6.91
PT1620x3/4Fx1620	20mm x 3/4" x 20mm	£8.46
PT2025x1/2Fx2025	25mm x 1/2" x 25mm	£9.91
PT2025x3/4Fx2025	25mm x 3/4" x 25mm	£10.37
PT2025x1Fx2025	25mm x 1" x 25mm	£12.96
PT2632x3/4Fx2632	32mm x 3/4" x 32mm	£13.26
PT2632x1Fx2632	32mm x 1" x 32mm	£15.91
Press tee with male thread		
PT1216x1/2Mx1216	16mm x 1/2" x 16mm	£5.09
PT1620x1/2Mx1620	20mm x 1/2" x 20mm	£6.52
Press Transition to Copper Pipe with Tail		
PS1216x15cu-T	16x15Cu	£2.66
PS1620x15cu-T	20x15Cu	£3.85
PS1620x22cu-T	20x22Cu	£5.52
PS2025x22cu-T	25x22Cu	£5.98
PS2025x28cu-T	25x28Cu	£11.11
PS2632x28cu-T	32x28Cu	£12.54
Press Radiator Connection		
PL1216x15S	16mm x 15Cu	£14.98



PRESS TEE WITH FEMALE THREAD



PRESS TEE WITH MALE THREAD



PRESS TRANSITION TO COPPER PIPE WITH TAIL



PRESS RADIATOR CONNECTION

Installation Tools

Part Number	Description	Size	RSP exc.VAT
Pipe Cutters			
PCUTTER	Ratchet Pipe Cutter	16 to 20mm	£8.98
PCUTTER-PRO	Ratchet Pipe Cutter	16 to 32mm	£16.85
Pipe Reamers			
REAMER	Reamer for 16, 20, 25mm pipe	16 to 22mm	£9.11
REAMER20-32	Reamer for 20, 25, 32mm pipe	20 to 32mm	£11.39
RM-TOOL 16 20 25 32	Tek Tools Reamer Bevelling Tool	16mm	£10.00
		20mm	£11.00
		25mm	£12.00
		32mm	£14.00



RM-TOOL16-32



PCUTTER



PCUTTER-PRO



REAMER



REAMER20-32

Installation Tools

Part Number	Description	Size	RSP exc.VAT
Bending Springs			
BS16I	Internal Bending Spring	16mm	£2.86
BS20I	Internal Bending Spring	20mm	£4.90
BS25I	Internal Bending Spring	25mm	£5.70
BS32I	Internal Bending Spring	32mm	£8.55
BS16E	External Bending Spring	16mm	£7.07
BS20E	External Bending Spring	20mm	£10.68
BS25E	External Bending Spring	25mm	£11.97
Manual Press Tools			
SYQ1420	Manual Press Tool for 14 to 20mm MLC Pipe	14 to 20mm	£113.95
SYQ1632	Manual Press Tool for 16 to 32mm MLC Pipe	16 to 32mm	£116.23
Pipe Decoiler			
DECOILER-2	Galvanised Steel Pipe Decoiler	-	£273.00



BENDING SPRING



SYQ1420 / SYQ1632



DECOILER-2

tektools TZ1550

Battery Powered Press Tool

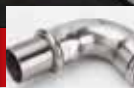
PIPE HEATING CABLE



Copper Pipe

Multi-Layer
Composite
Pipe

PEX Pipe

Stainless
Steel Pipe

- Battery press tool with in-line grip
- Only 3-4.5S to finish one cycle press
- As standard this tool comes with two 18v, 4.0Ah Lion-batteries and one charger.
- Over 350 cycles per charge
- OLED screen and double valve hydraulic system

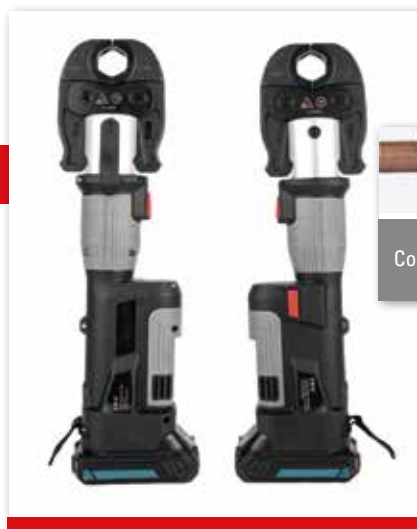
Part Number	Description	RSP exc.VAT
TZ1550	Battery Powered Press Tool	£877.00
Jaws for TZ1550		
TZ1550/U16	16mm 'U' Jaws	£69.00
TZ1550/U20	20mm 'U' Jaws	£69.00
TZ1550/U25	25mm 'U' Jaws	£69.00
TZ1550/U32	32mm 'U' Jaws	£69.00
TZ1550/U40	40mm 'U' Jaws	£83.00
TZ1550/U50	50mm 'U' Jaws	£100.00
TZ1550/U63	63mm 'U' Jaws	£118.00
TZ1550/U75	75mm 'U' Jaws	£118.00
TZ1550/M15	15mm 'M' Jaws	£69.00
TZ1550/M22	22mm 'M' Jaws	£69.00
TZ1550/M28	28mm 'M' Jaws	£69.00
TZ1550/M35	35mm 'M' Jaws	£69.00
TZ1550/M42	42mm 'M' Jaws	£118.00
TZ1550/M54	54mm 'M' Jaws	£118.00

FLEXIBLE PLUMBING

tektools TZ1930

Battery Powered Press Tool

PRECISE PRESSING WITH LIGHTER BODY



Copper Pipe



Multi-Layer
Composite
Pipe



PEX Pipe



Stainless
Steel Pipe

Part Number	Description	RSP exc.VAT
TZ1930	Battery Powered Press Tool	£877.00
Jaws for T1930		
TZ1930/U16	16mm 'U' Jaws	£63.00
TZ1930/U20	20mm 'U' Jaws	£63.00
TZ1930/U25	25mm 'U' Jaws	£63.00
TZ1930/U32	32mm 'U' Jaws	£63.00
TZ1930/M15	15mm 'M' Jaws	£63.00
TZ1930/M22	22mm 'M' Jaws	£63.00
TZ1930/M28	28mm 'M' Jaws	£63.00
TZ1930/M35	35mm 'M' Jaws	£63.00

Handy Quote Form

Job ref	Room type	Date
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Also need? Frost Protection ☐ Installation Tools ☐ Mirror Demister ☐ Shower Niches ☐ Wetroom Trays ☐

This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin black lines. There are 20 columns and 20 rows of these squares, creating a total of 400 square units. The margins are consistent on all sides, and there are no markings or text on the paper.

1. Which insulation board Thermopanel Tile ☐ EkoBoard ☐
Backer Board

2. Floor finish

3. How much underfloor heating is required? _____

$$\frac{\text{Floor area}}{(\text{m}^2)} - \frac{\text{Area taken by fixed units}}{(\text{m}^2)} = \frac{\text{Total}}{(\text{m}^2)}$$

4. How many bags of self-levelling are needed?

(required for non-tile finishes & 10mm depth recommended)

$$\frac{\text{Floor area (m}^2\text{)} \times 1.8 \times \text{Depth (mm)}}{25} = \text{No. of bags}$$

5. Which thermostat Manual ☐ Programmable ☐

Model no. _____ WiFi ☐ Smart Dial ☐

6. What is the load of the underfloor heating system?

$$\frac{\text{Heated area (m}^2\text{)} \times \text{Wattage of cable (w)}}{25} = \text{Load (A)}$$

Important: If the load of the underfloor heating circuit exceeds the maximum load of the thermostat, then you must install a suitable rated contactor/snubber.

Notes



providing underfloor heating since 2003



Please visit www.uheat.co.uk to
see our latest offers

