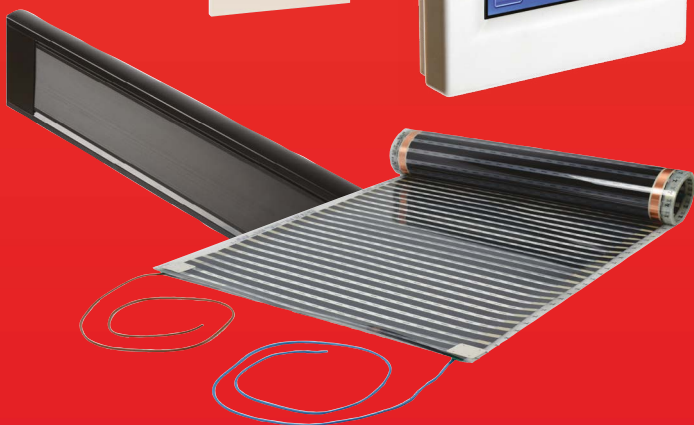
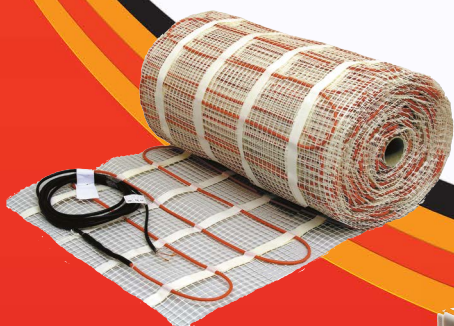


MYHEAT®

THE ELECTRIC HEATING SPECIALISTS

UNDERFLOOR & INFRARED HEATING
FOR THE PROFESSIONAL INSTALLER

NEW
INFRARED
HEATING
SECTION



EXCLUSIVE TO

Denmans

REXEL GROUP

WELCOME TO MYHEAT®

ELECTRIC HEATING FOR THE PROFESSIONAL INSTALLER

MYHEAT® comprehensive range of underfloor and infrared heating products and services that have been specifically developed for the professional installer.

EASY FIT PRODUCT RANGES:

With four decades of manufacturing experience we have developed products that are simple and easy to fit for a wide range of applications. From simple floor warming in a bathroom to a complete household heating system, we can provide a heating solution that is efficient and economical for your customer.

INSTALLER SUPPORT:

MYHEAT® provide a comprehensive pre and post sale support program for the professional installer. Our technical support team offer a FREE design and costing service, enabling you to offer the very best system value for your customer.

We can also provide free site visits to advise you on system design and specification. Finally, once the system is installed we look after the end user by providing a customer support helpline to advise on system usage and thermostat programming to ensure they maximise the benefits of their new heating system.

QUALITY ASSURED:

MYHEAT® products are manufactured in our UK and European based factories to the latest UK safety standards and are fully compliant with the 18th Edition Wiring Regulations.

AVAILABILITY:

MYHEAT® comprehensive product range and value added service is exclusive to Denmans and available nationally via an extensive local branch network.

For full details on your local branch go to:
www.denmans.co.uk Tel: 0800 1512775



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UNDERFLOOR HEATING MAT

MYHEAT® Underfloor Heating Mats are a combination of a heating cable attached to a fibreglass mesh scrim that makes installation easy.

The mat can simply be rolled out onto the floor saving precious time. The mats have double sided tape on the underside so they can easily be fixed to any clean surface.



FEATURES

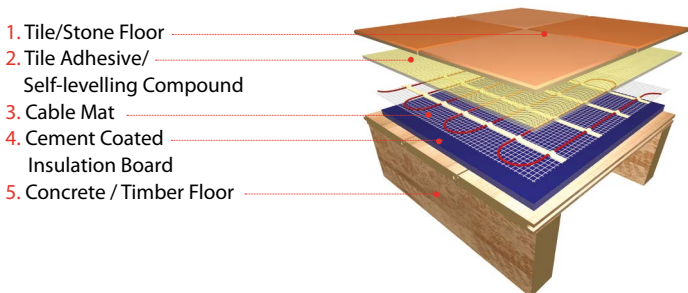
- ▶ Two heat outputs: - 150W/m² and 200W/m²
- ▶ Quick installation: - simply roll out the mat & fix to floor
- ▶ Continuous metallic earth screen to ensure electrical safety
- ▶ Suitable for use in wet areas
- ▶ Low build height: - minimal floor height build up

TECHNICAL DETAIL

- ▶ **Operating Voltage:** - 230V, 50Hz
- ▶ **Cable Diameter:** - 3.0mm – 4.0mm
- ▶ **Cold Tail Length:** - 3m
- ▶ **Approvals:** - EN60335-2-96. Part L and 18th Edition compliant.

FLOOR CONSTRUCTION

- ▶ **Suspended Floors** - To prevent floor movement all wooden floorboards must be covered with cement coated insulation board or 18mm plywood.
- ▶ **Concrete Floors** - It is recommended to fit a layer of cement coated insulation board to minimise heat loss & ensure quicker heat-up times.



"The quick and simple to install solution for all tile and stone floors"

PRODUCT CODES

150W/m² CABLE MAT

Area to be heated (m ²)	Mat References	Output (W)	Width (m)	Length (m)
0.5m ²	150MH0.5	75	0.5	1.0
1.0m ²	150MH1.0	150	0.5	2.0
1.5m ²	150MH1.5	225	0.5	3.0
2.0m ²	150MH2.0	300	0.5	4.0
2.5m ²	150MH2.5	375	0.5	5.0
3.0m ²	150MH3.0	450	0.5	6.0
3.5m ²	150MH3.5	525	0.5	7.0
4.0m ²	150MH4.0	600	0.5	8.0
4.5m ²	150MH4.5	675	0.5	9.0
5.0m ²	150MH5.0	750	0.5	10.0
6.0m ²	150MH6.0	900	0.5	12.0
7.0m ²	150MH7.0	1050	0.5	14.0
8.0m ²	150MH8.0	1200	0.5	16.0
9.0m ²	150MH9.0	1350	0.5	18.0
10.0m ²	150MH10.0	1500	0.5	20.0
11.0m ²	150MH11.0	1650	0.5	22.0
12.0m ²	150MH12.0	1800	0.5	24.0
14.0m ²	150MH14.0	2100	0.5	28.0
16.0m ²	150MH16.0	2400	0.5	32.0

200W/m² CABLE MAT

Area to be heated (m ²)	Mat References	Output (W)	Width (m)	Length (m)
1.0m ²	200MH1.0	200	0.5	2.0
1.5m ²	200MH1.5	300	0.5	3.0
2.0m ²	200MH2.0	400	0.5	4.0
2.5m ²	200MH2.5	500	0.5	5.0
3.0m ²	200MH3.0	600	0.5	6.0
3.5m ²	200MH3.5	700	0.5	7.0
4.0m ²	200MH4.0	800	0.5	8.0
4.5m ²	200MH4.5	900	0.5	9.0
5.0m ²	200MH5.0	1000	0.5	10.0
6.0m ²	200MH6.0	1200	0.5	12.0
7.0m ²	200MH7.0	1400	0.5	14.0
8.0m ²	200MH8.0	1600	0.5	16.0
9.0m ²	200MH9.0	1800	0.5	18.0
10.0m ²	200MH10.0	2000	0.5	20.0

ACCESSORIES

Product Code	Description
MHTBB06	6mm Cement Coated Insulation Board (600mm x 1200mm)
MHTBB10	10mm Cement Coated Insulation Board (600mm x 1200mm)
MH3500	Touch Screen Thermostat (16A)
MH3500 WiFi	Touchscreen WiFi Thermostat (16A)
MHCD3	Digital Programmable Thermostat (16A)

UNDERFLOOR HEATING CABLE KIT

MYHEAT® Underfloor Heating Kits provide an underfloor heating solution in your kitchen, bathroom or conservatory. The cables are ideal for smaller installations or in rooms with an irregular layout and can be fitted on top of existing wooden or concrete floors that are sound and suitably prepared. The flexibility of the loose cabling system makes it possible to heat the maximum floor area including hard to reach areas.



CABLE KIT INCLUDES:

- ▶ Heating cable
- ▶ Adhesive tape
- ▶ Floor primer & roller
- ▶ Conduit for floor sensor
- ▶ Installation instructions
- ▶ Lifetime guarantee

FEATURES

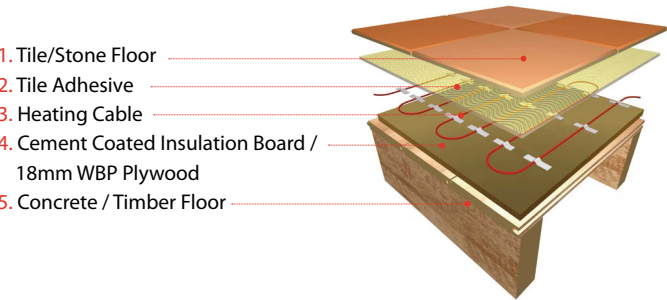
- ▶ Ultra-thin cable
- ▶ Twin conductor ultra flexible cable simplifies installation
- ▶ Single "cold tail" connection lead
- ▶ Suitable for use in wet areas
- ▶ Low build height – minimal floor height build up
- ▶ Two extremely tough, durable insulation layers which minimise the risk of damage during installation and ensure prolonged cable life

TECHNICAL DETAIL

- ▶ **Approximate Installed Loading:** - 160W/m²
- ▶ **Cable Diameter:** - 3mm
- ▶ **Operating Voltage:** - 230V, 50Hz
- ▶ **Twin Conductor Cable**
- ▶ **Cold Tail Length:** - 3m
- ▶ **Approvals:** IEC 60800

FLOOR CONSTRUCTION

"Complete electric underfloor heating kits for tile and stone floors"



PRODUCT CODES

HEATED FLOOR AREA TO BE COVERED (m ²)			Cable Kit without Thermostat		
coverage at 160W/m ²	coverage at 130W/m ²	coverage at 100W/m ²			
c-c 7.0cm	c-c 9.0cm	c-c 11.0cm	Product Code	Output (W)	Length (m)
0.4m ²	0.5m ²	0.6m ²	MHCKE65	65	6.6
0.7m ²	1.0m ²	1.2m ²	MHCKE120	120	11.4
1.4m ²	1.7m ²	2.1m ²	MHCKE200	200	18.9
1.7m ²	2.2m ²	2.6m ²	MHCKE250	250	23.6
2.3m ²	2.9m ²	3.5m ²	MHCKE320	320	31.6
2.6m ²	3.4m ²	4.1m ²	MHCKE400	400	36.9
3.3m ²	4.2m ²	5.1m ²	MHCKE450	450	45.7
3.4m ²	4.3m ²	5.2m ²	MHCKE520	520	49.6
4.5m ²	5.8m ²	7.1m ²	MHCKE600	600	63.9
5.4m ²	6.9m ²	8.4m ²	MHCKE750	750	75.8
6.1m ²	7.9m ²	9.6m ²	MHCKE950	950	87.0
8.1m ²	10.4m ²	12.6m ²	MHCKE1100	1100	114.5
9.2m ²	11.9m ²	14.5m ²	MHCKE1300	1300	131.3
11.2m ²	14.3m ²	17.5m ²	MHCKE1700	1700	158.8
13.7m ²	17.6m ²	21.4m ²	MHCKE2000	2000	194.5

ACCESSORIES

Product Code	Description
MHTBB06	6mm Cement Coated Insulation Board (600mm x 1200mm)
MHTBB10	10mm Cement Coated Insulation Board (600mm x 1200mm)
MH3500	Touch Screen Thermostat (16A)
MH3500 WiFi	Touchscreen WiFi Thermostat (16A)
MHCD3	Digital Programmable Thermostat (16A)
MHSW	25mm Fixing Screws and 35mm Washers (Packs of 50)

IN-SCREED UNDERFLOOR HEATING CABLE KIT

MYHEAT® In-Screed Underfloor Heating Cable Kit is an economical heating solution in new builds for screeded floors. Once installed the screed can be covered with any floor finish.



IN-SCREED CABLE KIT INCLUDES:

- ▶ 18W In-Screed Cable
- ▶ Screed-Fix Galvanised Fixing Strip

FEATURES

- ▶ 18W/lin metre provides heating to new builds
- ▶ Tough and durable thick heating cable
- ▶ Suitable for all floor finishes in wet and dry areas
- ▶ Full metallic earth screen for total safety

TECHNICAL DETAIL

- ▶ Cable Diameter: - 5.0 - 5.9mm
- ▶ Operating Voltage: - 230V, supply
- ▶ Cable Type: - Twin conductor cable
- ▶ Power Loading: - 18W/lin metre
- ▶ Cold Tail Length: - 5m
- ▶ Approvals: - IEC 60800

PRODUCT CODES

IN-SCREED CABLE KIT (NOT INCLUDING THERMOSTAT)

Product Code	Nom. 125W m ² Room Area:m ² Spacing: 16cm	Nom. 140W m ² Room Area:m ² Spacing: 14.3cm	Nom. 160W m ² Room Area: m ² Spacing: 12.5cm	Output (W)
MHKE160	1.3	1.1	1.0	160
MHKE260	2.0	1.9	1.6	260
MHKE320	2.5	2.2	2.0	320
MHKE420	3.3	3.0	2.6	420
MHKE520	4.1	3.7	3.2	520
MHKE600	4.8	4.2	3.7	600
MHKE740	5.9	5.2	4.6	740
MHKE830	6.6	5.9	5.1	830
MHKE1000	8.0	7.1	6.2	1000
MHKE1200	9.6	8.5	7.5	1200
MHKE1500	12.0	10.7	9.3	1500
MHKE1700	13.6	12.1	10.6	1700
MHKE2200	17.6	15.7	13.7	2200
MHKE2600	20.8	18.5	16.2	2600

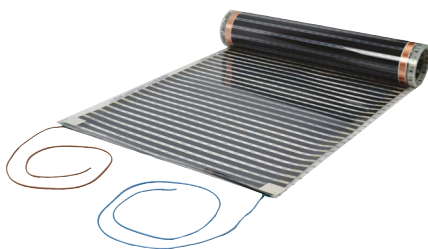
ACCESSORIES

Product Code	Description
MHSF10	Screed Fix Galvanised Fixing Strip 10m
MH3500	Touch Screen Thermostat (16A)
MH3500 WiFi	Touchscreen WiFi Thermostat (16A)
MHCD3	Digital Programmable Thermostat (16A)

PRE-WIRED CARBON FILM UNDERFLOOR HEATING ELEMENT

FEATURES

- ▶ Dry installation - no self levelling compound required
- ▶ Suitable for most laminate & engineered hardwood floors
- ▶ Extremely low build height – less than 7mm
- ▶ Quick installation – roll out the film & connect pre-wired elements
- ▶ Heat output -130W/m²
- ▶ Suitable for carpet & vinyl floors when used in conjunction with Dual Board Overlay System



TECHNICAL DETAIL

- ▶ **Construction:** - Carbon based flexible heating element
- ▶ **Operating Voltage:** - 230V, 50Hz
- ▶ **Output Rating:** - 130W/m²
- ▶ **Element Width(s):** - 300mm, 500mm & 1000mm for max coverage
- ▶ **Element Length:** - 2.0m to 10.0m in 0.5m increments
- ▶ **Cold Tail Length:** - 5m
- ▶ Approved to comply with the 18th Edition Wiring regulations.

PRODUCT CODES

300 MM WIDE ELEMENT

Length (m)	Product Code	Output (w)
2.00	130MH-320	70
2.50	130MH-325	88
3.00	130MH-330	105
3.50	130MH-335	123
4.00	130MH-340	140
4.50	130MH-345	158
5.00	130MH-350	176
5.50	130MH-355	193
6.00	130MH-360	211
6.50	130MH-365	228
7.00	130MH-370	246
7.50	130MH-375	263
8.00	130MH-380	281
8.50	130MH-385	298
9.00	130MH-390	316
9.50	130MH-395	333
10.00	130MH-3100	351

500 MM WIDE ELEMENT

Length (m)	Product Code	Output (W)
2.00	130MH-520	122
2.50	130MH-525	153
3.00	130MH-530	183
3.50	130MH-535	214
4.00	130MH-540	244
4.50	130MH-545	275
5.00	130MH-550	306
5.50	130MH-555	336
6.00	130MH-560	367
6.50	130MH-565	397
7.00	130MH-570	428
7.50	130MH-575	458
8.00	130MH-580	489
8.50	130MH-585	519
9.00	130MH-590	550
9.50	130MH-595	580
10.00	130MH-5100	611

1000 MM WIDE ELEMENT

Length (m)	Product Code	Output(W)
2.00	130MH-1020	252
2.50	130MH-1025	315
3.00	130MH-1030	378
3.50	130MH-1035	441
4.00	130MH-1040	504
4.50	130MH-1045	567
5.00	130MH-1050	631
5.50	130MH-1055	694
6.00	130MH-1060	757
6.50	130MH-1065	820
7.00	130MH-1070	883
7.50	130MH-1075	946
8.00	130MH-1080	1009
8.50	130MH-1085	1072
9.00	130MH-1090	1135
9.50	130MH-1095	1198
10.00	130MH-10100	1261

ACCESSORIES

Product Code	Description
MHEX06	Thermal Insulation (1000mm x 500mm x 6mm)
MHAT50	Adhesive Tape (50mm x 50m roll)
MHVB12	Polyester Vapour Barrier (1m x 12m)*
MHVB25	Polyester Vapour Barrier (1m x 25m)**
MH3500	Touch Screen Thermostat (16A)
MH3500 WiFi	Touchscreen WiFi Thermostat (16A)
MHCD3	Digital Programmable Thermostat (16A)

* 1m x 12m of MHVB12 covers 10m² of floor area

** 1m x 25m of MHVB25 covers 22m² of floor area

CARBON FILM PROFESSIONAL UNDERFLOOR HEATING KIT

MYHEAT® Carbon Film Kits for the professional installer are available in 5m², 10m², 15m² and 20m² and include all the tools for the installer. Simply cut the roll of 500mm wide film into lengths and make the wiring connections using the supplied crimping tool.



CARBON FILM KIT KIT INCLUDES:

- ▶ Roll of 500mm Wide Carbon Heating Film
- ▶ Cable-to-Film Connection Crimps
- ▶ Power Connection Leads (Brown & Blue)
- ▶ Mastic Tape
- ▶ Insulation Discs
- ▶ Ratchet Crimping Tool
- ▶ Installation Instructions

FEATURES

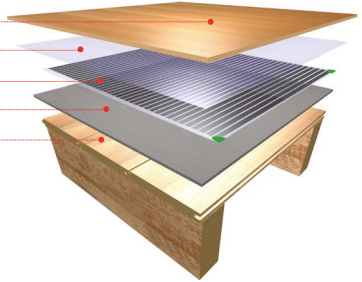
- ▶ Dry installation – no self levelling compound required
- ▶ Suitable for most laminate and engineered hardwood floors
- ▶ Extremely low build height – less than 7mm
- ▶ Available as – 5m², 10m², 15m² and 20m² kits
- ▶ Quick installation – simply cut the roll to length and connect
- ▶ Suitable for carpet and vinyl floors when used in conjunction with **MYHEAT® Dual Board Overlay System**
- ▶ Approved to comply with the 18th Edition Wiring regulations.

TECHNICAL DETAIL

- ▶ **Construction:** Carbon based flexible heating element
- ▶ **Operating Voltage:** 230V, 50Hz
- ▶ **Heat Output:** 130W/m²
- ▶ **Element Width:** 500mm

FLOOR CONSTRUCTION

1. Laminate/Timber Floor
2. Polyester Vapour Barrier
3. Carbon Film
4. Thermal Insulation
5. Wood/Concrete Sub Floor



PRODUCT CODES

HEATED FLOOR AREA TO BE COVERED (m²)

Product Code	Description
MHPK5	5m ² kit
MHPK10	10m ² kit
MHPK15	15m ² kit
MHPK20	20m ² kit

ACCESSORIES

Product Code	Description
MHEX06	Thermal Insulation (1000mm x 500mm x 6mm)
MHAT50	Adhesive Tape (50mm x 50m roll)
MHVB12	Polyester Vapour Barrier (1m x 12m)*
MHVB25	Polyester Vapour Barrier (1m x 25m)**
MH3500	Touch Screen Thermostat (16A)
MHCD3	Digital Programmable Thermostat (16A)
MH3131	Manual Room Thermostat (15A)

* 1m x 12m of MHVB12 covers 10m² of floor area

** 1m x 25m of MHVB25 covers 22m² of floor area

ADDITIONAL ACCESSORIES

A standard kit contains sufficient accessories to install the kit in a single rectangular room. If installing a larger sized kit in multiple smaller sized rooms or an irregular shaped room additional accessories will be required to complete the installation.

Product Code	Description
MH1001	10 x Connection Crimps
MH1002	1.5mm ² x 10m Cold Tail Leads (Blue)
MH1003	1.5mm ² x 10m Cold Tail Leads (Brown)
MH1004	1000mm x 101mm Mastic Tape
MH1005	20 x Green Termination Discs

NOTE: It is also necessary to buy Thermal Insulation, Vapour Barrier and a Floor Sensing Thermostat to complete an installation. See accessories.

ALUMINIUM FOIL HEATING MAT

MYHEAT® Aluminium Foil Heating Mats are designed for use under laminate floors which are installed in wet areas such as bathrooms and shower rooms. The mat consists of a heating cable encased in an aluminium foil. This aluminium foil acts as an earthing grid and heat dispersion layer, making the product suitable for use in wet areas like bathrooms or shower rooms where carbon elements should not be used.



FEATURES

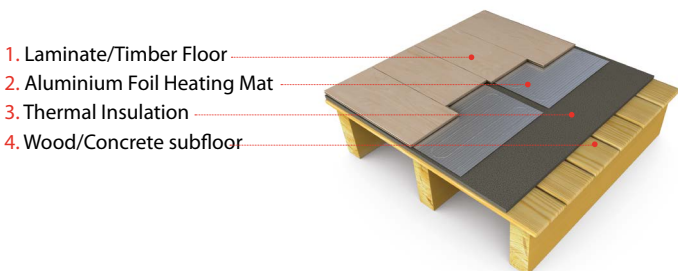
- ▶ Quick installation – simply roll out the mat and fix to the floor
- ▶ Suitable for use under laminate and engineered hardwood floors
- ▶ Fully earthed - suitable for use in wet areas
- ▶ Dry installation - no levelling compound required
- ▶ Low build height – keeps floor build up to a minimum

TECHNICAL DETAIL

- ▶ **Operating Voltage:** 230V, 50Hz
- ▶ **Heating Output:** 140W/m²
- ▶ **Cold Tail Length:** 3m
- ▶ **Approvals:** EN60335-2-96

FLOOR CONSTRUCTION

It is recommended to fit a layer of thermal insulation board to minimise heat loss & ensure quicker heat up times.



PRODUCT CODES

140W/m² ALUMINIUM FOIL CABLE MAT

Area to be heated (m²)	Mat References	Output (W)	Width (m)	Length (m)
1.0m²	140MH1.0	140	0.5	2.0
1.5m²	140MH1.5	210	0.5	3.0
2.0m²	140MH2.0	280	0.5	4.0
3.0m²	140MH3.0	420	0.5	6.0
4.0m²	140MH4.0	560	0.5	8.0
5.0m²	140MH5.0	700	0.5	10.0
6.0m²	140MH6.0	840	0.5	12.0
7.0m²	140MH7.0	980	0.5	14.0
8.0m²	140MH8.0	1120	0.5	16.0
9.0m²	140MH9.0	1260	0.5	18.0
10.0m²	140MH10.0	1400	0.5	20.0
12.0m²	140MH12.0	1540	0.5	24.0
14.0m²	140MH14.0	1680	0.5	28.0

ACCESSORIES

Product Code	Description
MHEX06	Thermal Insulation (1000mm x 500mm x 6mm)
MHAT50	Heavy Duty Adhesive Tape (50mm x 50m)
MH3500	Touch Screen Thermostat (16A)
MH3500 WiFi	Touchscreen WiFi Thermostat (16A)
MHCD3	Digital Programmable Thermostat (16A)

DUAL BOARD OVERLAY SYSTEM

MYHEAT® Dual Board System is a dry lay system that creates a free floating subfloor that is extremely stable and is instantly ready to receive the finished floor covering. Suitable for laying over carbon heating elements to provide a base to lay carpet, linoleum and luxury vinyl. Installation is quick, clean and simple. The system consists of a base board and top board, each with a layer of contact adhesive.



FEATURES

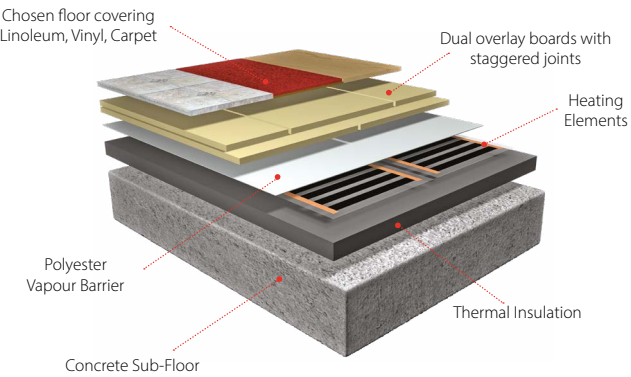
- ▶ Allows radiant heating film to be installed under carpet, linoleum and luxury vinyl
- ▶ Creates a stable sub-floor for laying a variety of floor coverings
- ▶ Simple installation
- ▶ Low build height – only 7mm
- ▶ Dual Board Overlay. Consists of a base board (3mm) and top board (4mm) with pre-applied contact adhesive to bond them together.

TECHNICAL DETAIL

- ▶ **Dimensions:** 600mm x 1200mm
- ▶ **Pack Contents:** 4 base boards & 4 top boards (2.88m²)
- ▶ **Material:** MDF coated with contact adhesive
- ▶ **Density:** 770 kg/m³
- ▶ **Thermal Resistance:** 0.07m² °K/W

FLOOR CONSTRUCTION

"The complete electric underfloor heating solution for under carpet & vinyl floors"



PRODUCT CODES

Product Code	Description
MHDB	4 base boards (3mm) & 4 top boards (4mm) Total coverage 2.88m ²

MH3500 TOUCH SCREEN THERMOSTAT

**The easy to use Touch Screen Floor Sensing
Thermostat for use with underfloor heating.**

The new MH3500 is designed to be the simplest to use electric floor heating control available. It comes packed with innovative features to optimise your comfort and minimise running costs with the simplest touch screen interface.

A large full colour backlit touch screen provides simple programming by guiding you through program setup and adjustment - no need for any complicated instructions.



FEATURES

► Easy to use

Touchscreen interface makes adjustment easy.

► Intuitive Programming

Simple to use graphical display with user configured screen colours.

► Easy Installation

Choice of 4 factory preset program schedules to get your heating working quickly and efficiently.

▶ Energy Monitor

Shows how much is being used and when.

▶ Energy Efficient

Optimise comfort and save energy with multiple time and temperature settings

▶ Attractive Styling

Choice of thermostat finishes and display option

TECHNICAL DETAIL

- ▶ Maximum Load: 16 Amps, 230V AC, 3680W
- ▶ Electrical Protection: Class II
- ▶ External Sensor Compatibility: 10K, 12K or 15K Ohms @25°C
- ▶ Floor Sensor Type: NTC, 10K Ohms, 3m cable
- ▶ Dimensions H/W/D: 90mm x 90mm x 19 mm
- ▶ Installation Depth: 22mm

PRODUCT CODES

Product Code	Description
MH3500W	White Touch Screen Thermostat (16A)
MH3500S	Silver Touch Screen Thermostat (16A)
MH3500B	Black Touch Screen Thermostat (16A)
RAS	Optional Remote Auxiliary Sensor
MH3500PR	Additional/Replacement Floor Probe*

* Each thermostat comes with a floor probe.

MYHEAT TOUCH WIFI THERMOSTAT

The MYHEAT Touch WiFi is an App controlled smart heating controller that works with your Smartphone to provide energy efficient heating by allowing you to take control of your electric floor heating system from anywhere.

You can remotely adjust temperatures and programs to ensure comfort conditions when you need them and run at lower temperatures when you don't. This reduces energy wastage



FEATURES

► Easy to use

Remote access and control via a simple App designed for easy management and suitable for every type of user.

► Easy Installation

Choice of 4 editable preset programs to get your heating working quickly.

► Intuitive Programming

Full capacitive colour touchscreen for clarity and ease of use.

► Manage Costs & Comfort Remotely

Complete control of your WiFi controlled heating system where and when you need it. Adjust temperatures and program schedules, monitor energy consumption all from the palm of your hand.

SPECIFICATION

- Maximum Load: 16 Amps, 230V AC, 3680W
- Electrical Protection: Class II
- External Sensor Compatibility: 10K, 12K or 15K @25°C
- Floor Sensor Type: NTC, 3M cable
- Dimensions H/W/D: 90 x 90 x 19mm
- Installation Depth: 22mm
- Warranty: 3 years
- Approvals: EN 60730-1:2003

PRODUCT CODES

Product Code	Description
MH3500 WiFi	Touchscreen Thermostat WiFi (16A)

CONTROLS

MHCD3 DIGITAL PROGRAMMABLE THERMOSTAT

The MHCD3 Digital Programmable Thermostat is a full feature, premium quality, digital programmable thermostat designed for the control of underfloor heating.



FEATURES

- ▶ Intuitive user - interface for trouble free programming and daily use
- ▶ Fully flexible “built-in” 4 event heating schedule that can be tailored to your daily/weekly needs
- ▶ “Manual Over-ride” function allows easy modification of heating schedule to match your actual needs
- ▶ Intelligent “adaptive start” function which automatically adjusts the heating to your specific environment
- ▶ Recommended for both tile and wooden floors
- ▶ Choice of operational modes: Air, Floor or Air & Floor Limit Sensor
- ▶ The MHCD3 is supplied with a 3M sensor cable
- ▶ 3600W @230V, 16A

PRODUCT CODES

Product Code
MHCD3

Description
Digital Programmable Thermostat (16A)

UNCOATED THERMAL INSULATION BOARD

MYHEAT® Uncoated Thermal Insulation Board are designed to reduce heat losses into the subfloor. It is ideal on concrete subfloors, in conjunction with cable mats where a more economical alternative to coated insulation boards is required. It should never be used on timber subfloors.

FEATURES

- ▶ Available in 6mm or 10mm
- ▶ Waterproof
- ▶ Lightweight and easy to handle
- ▶ Do not use on timber subfloors
- ▶ Adhere to concrete subfloor with tile adhesive
- ▶ Easy to work with - Simply cut with a knife
- ▶ Suitable for use on concrete subfloors with cable mats

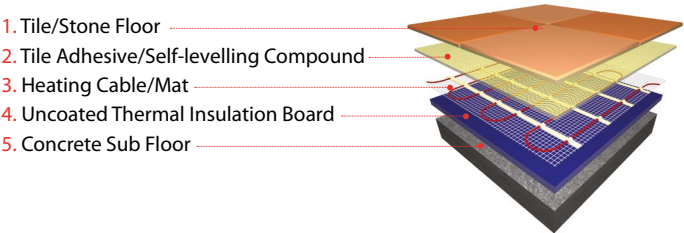


TECHNICAL DETAIL

- ▶ Dimensions: 600mm x 1200mm (0.72m²)
- ▶ Weight (kg/board): 0.10kg (6mm) or 0.15kg (10mm)
- ▶ Extruded Polystyrene
- ▶ Density: 3.4Kg/m³
- ▶ Thermal Conductivity: 0.03W/m⁰k

FLOOR CONSTRUCTION

The Thermal Insulation Board reduces downward heat losses to the sub-floor ensuring more of the heat is transferred through the finished floor surface.

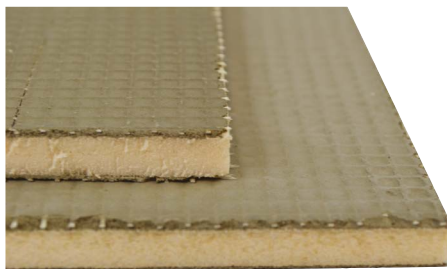


PRODUCT CODES

Product Code	Description
MHUB06	6mm Uncoated Thermal Insulation Board (600mm x 1200mm)
MHUB10	10mm Uncoated Thermal Insulation Board (600mm x 1200mm)

CEMENT COATED INSULATION BOARD

MYHEAT® Cement Coated Insulation Boards will significantly reduce heat losses into the subfloor, improve performance and the initial warm-up time reducing energy consumption. It is recommended when installing underfloor heating on all concrete subfloors.



FEATURES

- ▶ Available in 6mm or 10mm
- ▶ Waterproof
- ▶ Can be fixed to any surface
- ▶ Keyed surface ready to receive tile adhesive
- ▶ Easy to work with - Cut with a knife or saw
- ▶ Lightweight and easy to handle

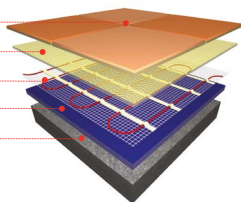
TECHNICAL DETAIL

- ▶ Dimensions: 600mm x 1200mm (0.72m²)
- ▶ Weight (kg/board): 1.8kg (6mm) or 2.0kg (10mm)
- ▶ Extruded polystyrene core with polymer cement coating
- ▶ Density: 32Kg/m³
- ▶ Thermal Conductivity: 0.033W/m⁰k

FLOOR CONSTRUCTION

Cement Coated Insulation Board reduces downward heat losses to the sub-floor ensuring more of the heat is transferred through the floor

1. Tile/Stone Floor
2. Tile Adhesive/Self-levelling Compound
3. Heating Cable/Mat
4. Cement Coated Insulation Board
5. Wood/Concrete Sub Floor



PRODUCT CODES

Product Code	Description
MHTBB06	6mm Cement Coated Insulation Board (600mm x 1200mm)
MHTBB10	10mm Cement Coated Insulation Board (600mm x 1200mm)
MHSW	25mm fixing screws and 35mm washers (Packs of 50)

THERMAL INSULATION FOR USE WITH CARBON FILM

MYHEAT®

Thermal Insulation is an extruded polystyrene insulation material for use below wood or laminate floors. The insulation is available in 6mm thick sheets and is manufactured from recycled material free from ozone depleting chemicals. It **MUST** be used below all Carbon Film Heating Systems.



FEATURES

- ▶ 6mm thick
- ▶ Excellent moisture resistance
- ▶ Excellent sound insulation
- ▶ Levels small floor imperfections
- ▶ Suitable for most floor constructions
- ▶ Easy to work with – cut with a knife
- ▶ Lightweight and easy to handle
- ▶ Required accessory for **MYHEAT®** Carbon Film

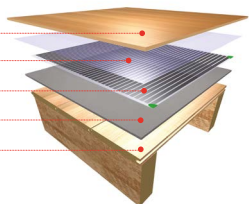
TECHNICAL DETAILS

- ▶ Dimensions: 1000mm x 500mm x 6mm (0.5m² coverage per sheet)
- ▶ Material: Close cell foamed polystyrene
- ▶ Density: 50Kg/m³
- ▶ Thermal conductivity: 0.0306W/m²K

FLOOR CONSTRUCTION

MYHEAT® Thermal Insulation reduces downward heat losses to the sub-floor ensuring more of the heat is transferred through the finished floor surface.

1. Laminate/Timber Floor
2. Polyester Vapour Barrier
3. Carbon Film
4. Thermal Insulation
5. Wood/Concrete Sub Floor



PRODUCT CODES

Product Code	Coverage (m ²)	Pack Size
MHEX06-3	3	6 boards
MHEX06-5	5	10 boards
MHEX06-18	18	36 boards

MYHEAT®

PIPE FREEZE PROTECTION

MYHEAT® Frost Protection Cables are a quick and easy way to protect pipes during cold weather. The cable is made up of a pre-terminated, fixed resistance cable, including an integrated thermostat which monitors the temperature of the pipe. This saves energy by ensuring the cable is only switched on when it is needed.



FEATURES

- ▶ Protects hot and cold water pipework that may be subject to freezing conditions
- ▶ Suitable for both metal and plastic pipe up to 50mm diameter
- ▶ Ready made with a 1.5m cold tail
- ▶ Integrated thermostat ensures system turns on when temperature falls below 3°C

PRODUCT CODES

Product Code	Length (m)	Watts
MHPFP2	2	20
MHPFP3	3	30
MHPFP4	4	40
MHPFP6	6	72
MHPFP10	10	136
MHPFP14	14	152
MHPFP21	21	281
MHPFP30	30	337
MHPFP42	42	490

ACCESSORIES

Product Code	Description
MHALU50	Aluminium foil tape for plastic pipes (45mm x 50mm)
MHPFPTAPE	Adhesive fixing tape (33mm x 18mm)

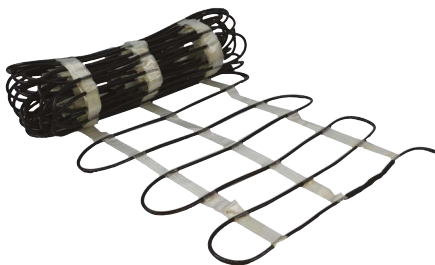
ICE PREVENTION & SNOW MELTING MAT

In the winter months, serious injury can occur from the formation of ice on work platforms in warehouse loading bays or on entrance walkways to busy public buildings etc. This potential hazard can easily be minimised by installing an ice prevention system. In the case of snow fall, an ice prevention system will quickly melt any snow that falls providing clear access for pedestrians and vehicles on pavements and drives.

MHS heating mats are rated at 300 Watts/m² and used for ice and snow melting of outdoor areas and other applications where the cable is embedded in concrete. The most common application in industry is the heating of ramp or loading platforms in factories and warehouses, where an ice prevention system can reduce the risk of accidents and ensure work can be carried out at all times. There are however a variety of applications for ice and snow melting. All these applications can be kept free from ice and snow so heavy salting and snow shovelling are avoided. These include: car parks; garage drive ways; pavements and outdoor steps.



Snow melting mat
under pathway



FEATURES

- ▶ Approved to IEC 60800
- ▶ 300W/m² power density provides clear, safe access for pedestrians and vehicles on pavements and drives.
- ▶ 500mm wide mat format with pre-spaced cables ensure even heat distribution and ease of installation
- ▶ Suitable under concrete, pavements and asphalt

MHS mats, 230V, 500mm wide

Product Code	Output (W)	Area (m ²)	Length (m)
MHS300/1.5	450	1.5	3.0
MHS300/2.0	600	2.0	4.0
MHS300/3.0	900	3.0	6.0
MHS300/4.0	1200	4.0	8.0
MHS300/5.0	1500	5.0	10.0
MHS300/6.0	1800	6.0	12.0
MHS300/7.0	2100	7.0	14.0
MHS300/8.0	2400	8.0	16.0
MHS300/9.0	2700	9.0	18.0
MHS300/10.0	3000	10.0	20.0
MHS300/12.0	3600	12.0	24.0
MHS300/15.0	4500	15.0	30.0
MHS300/20.0	6000	20.0	40.0

TECHNICAL DETAIL

- ▶ Single conductor cable with full protection screen
- ▶ Cold tails: 1 x 5m with other cold lead
1 x 5m + length of mat
- ▶ 5.0 - 5.5mm thick cable with
UV protective outer sleeve
- ▶ 230V supply, IP67 Rated
- ▶ Power density - 300W/m²



Ice Detector & Combined Sensor

ACCESSORIES

Simply melt away the ice and snow. An ice detector for the economical control of ice prevention and snow melting cables used on driveways, ramps and exterior steps.

The use of an ice detector will reduce energy consumption by approximately 80% compared to control by a simple air thermostat.

The ice detector, equipped with a combined temperature and moisture ground sensor, monitors conditions and determines the optimum switch-on time so that the heating comes on in good time to prevent ice formation. Unnecessary waste of energy is avoided as the system is only activated when there is ice or snow present.

Product Code	Description	Max Load (W)
MHID100	Single channel automatic ice detector	3600
MHID200	Two channel automatic ice detector	11000
MHCS	Combined temperature & moisture sensor	

UNIVERSAL INFRARED HEATING PANEL



The Universal Infrared Heating Panel is suitable for both wall and ceiling mounting. The infrared panel combines high energy efficiency with an improved heating comfort when compared to other traditional heating systems. Slimline and energy efficient, these heaters can be used as a complete heating system or as spot heaters for individual areas.

The UB range of slimline white panels are designed to compliment any environment and are equally appropriate in domestic, commercial and industrial applications.

FEATURES

- ▶ The panel is manufactured from steel with a white polyester powder finish which provides a durable easy to clean semi-smooth surface.
- ▶ The rear of the panel is fully insulated to maximise infrared emissions from the front panel surface.
- ▶ Suitable for wall or ceiling mounting
- ▶ Ceiling mounting frame comes with the panel as standard

TECHNICAL DETAIL

- ▶ 1.0m heat resistant cable attached
- ▶ Thermal over-load protection
- ▶ Mounting heights for ceiling products : 2.5m min to 4.0m max
- ▶ Colour: White (RAL 9016)

PRODUCT CODES

Product Code	Description	Power (W)
MH300UB	592mm x 592mm x 30mm	300
MH600UB	1192mm x 592mm x 30mm	600
MH850UB	1192mm x 800mm x 30mm	850



Ceiling mounted MH600UB Infrared heating panel



Wall mounted MH600UB Infrared heating panel

INFRARED STRIP HEATER

The Infrared Strip Heater is a no glare, long wavelength, infrared heater. Constructed using an aluminium heating lamella finished in matt black, its modern clean and elegant design allows it to be easily fitted in a multitude of domestic or commercial environments where heat is required without the glare. Ideal for enclosed terraces, conservatories, reception areas, churches, cafes, restaurants, shops, zoos and many more.



FEATURES

- ▶ Cost effective and efficient.
- ▶ Infrared heat can be directed onto seating areas and does not waste heat in a 360° circle like other heating options.
- ▶ Easy installation: electrical installation (230V) with mounting brackets.
- ▶ Clean modern design and the option of ceiling or wall mounting help the heater blend seamlessly into the surrounding environment.
- ▶ Zero light output is ideal for indoor applications where the light emitted from a conventional shortwave patio heater would be undesirable or intrusive.
- ▶ Tiltable brackets - with large field of effect.
- ▶ Available in 1000, 1500, 2000 and 3000 Watt versions.

TECHNICAL DETAIL

- ▶ Min. installation height is 1.8m above the floor (lower edge of panel)
- ▶ For ceiling installation there must be a min. gap of 30cm between the ceiling and the upper edge of the panel
- ▶ 2m heat resistant cable attached
- ▶ Protection: Cable gland to IP44

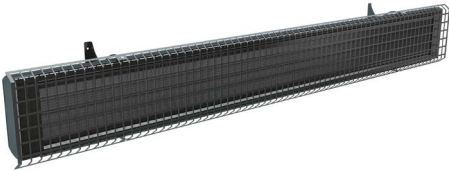
PRODUCT CODES

Product Code	Description	Watts (W)	Voltage (V)	Weight (Kg)
MH1000	1080mm x 140mm x 45mm	1000	230	3.2
MH1500	1580mm x 140mm x 45mm	1500	230	4.4
MH2000	1080mm x 240mm x 50mm	2000	230	6.1
MH3000	1585mm x 240mm x 50mm	3000	230	8.8



ACCESSORIES

Product Code	Description
MHTH1000GR	Protective Grill for the TH1000
MHTH1500GR	Protective Grill for the TH1500





High Output Space heaters are an ideal way of providing thermal comfort in commercial and industrial buildings. They are specifically designed for high level mounting. They can be horizontally ceiling mounted with an auxilliary frame or suspended on drop rods or chains. They are only 60mm deep and typical applications include large volume spaces where conventional warm air convection heating systems would be uneconomic. These include; Supermarkets, Gymnasiums, Showrooms, Factories and Warehouses.

FEATURES

Ecosun infrared panels offer many advantages over conventional warm air heating systems. These include:

- ▶ Localised Heating - only warm the area required e.g. work stations.
- ▶ Suspended or ceiling mounted. Ecosun panels provide totally usable floor & wall space and reduce the risk of damage or vandalism.
- ▶ Higher ventilation and air extract rates do not significantly effect the radiant performance of Ecosun panels which primarily warm the fabric of the heated area.
- ▶ Gentle infrared heat results in improved comfort conditions at lower inside ambient temperature providing comfort conditions at lower running costs.
- ▶ Infrared heating does not cause air convection currents, therefore minimising dust movement and providing a clean draft free environment.
- ▶ Ecosun panels are constructed using a rod heating element encapsulated within a special aluminium extrusion profile. The surface area of the aluminium profile is treated with a silicating process which substantially increases its surface area and its ability to emit heat. The result is a high efficiency, low maintenance heater suitable for commercial and industrial environments.

TECHNICAL DETAIL

- ▶ Attractive powder coated casing (RAL9010 off white) & grey radiating faceplate.
- ▶ Fully insulated galvanised casing with class 0 foil backed 25mm thick insulation
- ▶ Ceiling mounting frame included in installation kit
- ▶ Heating panel surface temperature - approx 350°C
- ▶ Protection: Class1, IP x 4, Cable gland to IP44
- ▶ Thermo crystal high emissivity heating panel
- ▶ Recommended mounting heights:
Full heating; 5m-8m, localised spot heating; 3.5m-4.5m



INSTALLATION

Due to the high power outputs Ecosun Infrared Panels must be installed the following minimum distances from:

- ▶ Radiant surfaces (up to 260°C) 1.0m
- ▶ Back side of panel 10cm
- ▶ Minimum distance from wall 1.5m
- ▶ Minimum height from the floor 3.5m

PRODUCT CODES

Product Code	Dimensions	Power (W)	Voltage (V)	Weight (Kg)
MHS+09	1550mm x 150mm x 60mm	900	230	8.15
MHS+12	1550mm x 150mm x 60mm	1200	230	8.15
MHS+18	1550mm x 250mm x 60mm	1800	230/400 2N	12.9
MHS+24	1550mm x 250mm x 60mm	2400	230/400 2N	12.9
MHS+30	1550mm x 350mm x 60mm	3000	230/400 2N	17.7
MHS+36	1550mm x 350mm x 60mm	3600	230/400 2N	17.7

ACCESSORIES

Product Code	Description
MHTB	Tiltable brackets for High Output Space Heater
MHG0912	Protective grill for High Output Space Heater 09-12
MHG1824	Protective grill for High Output Space Heater 18-24
MHG3036	Protective grill for High Output Heater 30-36

MYHEAT®

MIRROR DEMISTER PADS

MYHEAT® Mirror Demister Pads are the simple and totally safe answer to steamed-up mirrors in wet areas such as Bathrooms, Shower Rooms and En-Suites.



FEATURES

- ▶ Ultra-slim pad fits behind existing or new mirrors
- ▶ Self-adhesive for easy installation
- ▶ Integrate into lighting circuit for automatic operation when light is switched on.
- ▶ Very low energy consumption
- ▶ Multiple pads can be used to cover larger areas

TECHNICAL DETAIL

- ▶ IP44 rated
- ▶ Output rating: 200W/m²
- ▶ Operating Voltage: 230V, 50Hz
- ▶ Class II connection
- ▶ 1m mains connection lead
- ▶ CE and UKCA marked - complies with all relevant standards
- ▶ No transformers or thermostats required

PRODUCT CODES

Product Code	Description
MH1305	274mm x 150mm
MH1306	274mm x 274mm
MH1307	574mm x 274mm
MH1308	450mm x 400mm
MH1309	524mm x 524mm
MH1310	800mm x 300mm
MH1311	785mm x 524mm
MH1312	1040mm x 524mm
MH1313	1500mm x 524mm

Contact your local branch for a competitive quotation

MYHEAT®

TRAINING COURSES

Become a **MYHEAT®** approved electric underfloor heating installer with one of our FREE training days. Simply email sales@myheat.co.uk to book a training day.

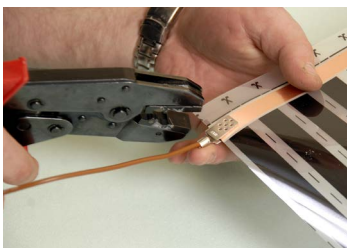
FEATURES

- ▶ Product demonstrations
- ▶ Hand-on installation practice
- ▶ Technical advice
- ▶ Fitting guidance
- ▶ Installer packs, including certificate
- ▶ Complimentary lunch and refreshments

TOPICS

- ▶ Cable Mat and Loose Cable Installation
- ▶ In-screed Cables
- ▶ Insulation
- ▶ Thermostats
- ▶ Frost Protection Cables
- ▶ Trace Heating
- ▶ Snow Melting Kits

Our experienced technical staff will be available to answer any questions and offer help with installation. This will give you invaluable advice and tips to use for your next underfloor heating installation.



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