



HMM200 THERMOSTATS



HMM200B (black)



# Heat Mat

## Underfloor Heating

Call 01444 247020  
to find out more or  
visit our website at  
[www.heatmat.co.uk](http://www.heatmat.co.uk)

## HMM200 WiFi Thermostat

### Remote operation via your smart phone

Heat Mat's HMM200 WiFi thermostat offers remote operation from anywhere in the world via its companion App while the touchscreen also allows easy in-home control. This electric underfloor heating thermostat can be used to control any of Heat Mat's underfloor heating systems.

The HMM200 provides fully-automated and flexible underfloor heating control to suit the owner's daily schedule.

The thermostat is supplied with various lifestyle modes including holiday, comfort, manual and boost for an hour of full-power warmth.

The wireless App control enables all aspects of the operation of the thermostat to be carried out via the simple to use App. You can choose to individually control a single thermostat, or combine multiple thermostats to create heating zones.

In addition to its standard mode of operation the controller offers a number of other program modes to enhance its usability.

The holiday mode enables the controller to turn off your underfloor heating while you are away from the property and to automatically turn it back on ready for your arrival home.

The controller also provides a temporary override of the target temperature for when you would like to boost or lower the temperature in the relevant room. The eco mode will lower the targeted temperature to save energy until you revert it back to the standard program settings.

Within the App, as well as having full control over the thermostat, you can also review all functions as well as the energy use of your heating system.

### HMM200 WiFi features

- Easy to use, quick to navigate
- Remote access and control via simple to use App
- Connects directly to wireless network, no gateway required
- Simple to set-up
- Features useful functions including holiday mode, comfort mode and eco mode
- See energy use over a week, a month or a year
- Switch the thermostat to manual for the simplest control
- Floor and room temperature sensors
- Controls up to 16 Amp of underfloor heating directly without the need for a contactor
- Compatible with all other manufacturers floor sensors operating between 3K $\Omega$  and 50K $\Omega$
- Available in black (HMM200B) and white (HMM200W)
- Covered by a 1-Year Warranty



HMM200W (white)

### Compatible with



Heating mats



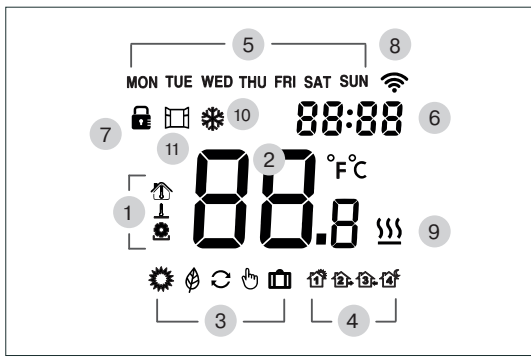
Undertile heating cables



Heating cables



Underlamine heating mats



**DISPLAY**

DISPLAY	DESCRIPTION
1	Temperature displayed Room  Floor  Target
2	Temperature
3	Current operating mode, Eco  Auto  Manual  Comfort  Holiday
4	When in "Auto", shows active "Event" Morning  Away  Home  Night
5	Day of the week
6	Time of day
7	"Screen lock" active
8	Steady when connected to App, blinking when connect- ing
9	Heating active
10	Frost protection active (Ensure safe room temperature)
11	Open window active



**Simple Connection**

The controller is designed to be straightforward to connect to your wireless network via the App and it does not require a separate hub.

If a wireless connection is not available for any reason you can still access all functions of the thermostat through the conventional touch screen.

**App control**

Through App control you can monitor and adjust your heating system from anywhere in the world and you can also review the energy usage of your system at any time.

**Sensor settings**

The thermostat has three sensor options. In most circumstances the thermostat will operate on the room temperature with floor temperature limitation, which prevents the floor from overheating.

For times when the thermostat is outside of the room being heated it is operated on floor temperature only, and for controlling other forms of heating the thermostat can be used on room temperature only.

The HMH200 can be used to replace nearly all other brands of electric underfloor controllers and is compatible with all floor temperature sensors operating between 3 KΩ and 50 KΩ.

**Lifestyle Modes**

The thermostat offers a number of 'modes' for easy temperature control. These modes override the programmed heating schedule and provide the homeowner with a quick way to adjust the thermostat, whilst retaining their day-to-day heating settings.

**Eco** - The eco mode drops the preset temperature down to a low level saving energy until you choose to revert to the standard programmed settings.

**Comfort** - the underfloor heating temperature you set will stay as the new target temperature overriding the heating schedule. At the end of that time period, the thermostat returns to the 'default schedule' or programmed operation. This could be used when returning to a cold room to warm the space as quickly as possible.

**Holiday mode** - this allows the heating to be set to a minimum while the homeowner is away on holiday, saving both energy and money. Holiday start and end dates must be set and the thermostat will ensure that the floor is kept above freezing and the home is warm when they return.

**Manual** - the controller operates as a simple up/down manual controller with no schedule.

**HMH200 WiFi Thermostat  
Technical Specification**

Supply Voltage	85-265 V AC + 10% 50/60Hz
Output relay	3600W/ 16A
Interrupter	1-pole, 16A
Temperature range	+5/ +40°C
Floor limit range	+5/ +45°C
Heating schedule	4-event program
Wireless	Yes
Battery backup	1 year
Ambient temperature	0/+40°C during operation
On/Off differential	0.5°C
Housing	IP21
External sensor type	NTC (10 KΩ) 3m
Dimensions (H/W/D)	86/86/39mm
Display	3.2" VCA LCD Backlit
WiFi	2.4Ghz

**Wiring**

Heating mats must always be controlled by a suitable electric underfloor heating thermostat with floor temperature limitation. Heat Mat thermostats are rated to 16 Amps, and if a system exceeds this loading a suitably rated contactor should be used. The circuit must be protected by a 30mA RCD and suitably rated fuse or circuit breaker.



Android



IOS

Control the system via an App - scan to download

**About Heat Mat**

Heat Mat is part of the Heatcom group of companies, one of Europe's largest underfloor heating manufacturers. With Heat Mat's 25 years' experience of the UK underfloor heating market and a wealth of knowledge on Scandinavian ice and snow melting systems, you can rely on Heat Mat to understand your needs and supply the products to satisfy your requirements.

This is why we are the Professionals' Choice, the number one supplier of electric underfloor heating and ice and snow melting systems to the UK's professional installation market.

**Contact us**

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To see all of our products use your smart phone to scan this code.

