

heatmiser

Dial Type Thermostats

Our range of electronic dial type thermostats are simple to use and offer a greater level of accuracy when compared with standard bi-metallic versions. These thermostats are used in conjunction with a separate programmer.



Surface Mount with LED Indication
DS1 Series

- 2 Models, suitable for water & electric heating systems

Surface Mount for easy installation

The DS1 and DS1-L series are surface mounting for easy installation. Modern styling remains, in keeping with the rest of the Heatmiser range.

Power and Heating Indication

The DS1 series provides power and heating on indication in the form of LEDs.



Surface Mount with LCD Indication
DS1-L Series

- 2 Models, suitable for water & electric heating systems

Dial Lock Facility

The DS1-L series offers a dial lock, allowing you to reduce tampering of the heating system. A simple way of reducing your energy costs.

LCD - Temperature Readout

The DS1-L is equipped with an LCD. A turn of the dial will display the set temperature for 5 seconds before reverting back to the actual room temperature readout.



Flush Mount with Set Back Function
DS-SB

- 1 Model, suitable for radiator and water underfloor heating

Set Back Function

Standard dial thermostats are either on or off according to the time clock controlling the system. A set back thermostat is different. It will follow the temperature set on the dial during the timed period and will automatically reduce the set temperature by 4°C when its timed to be off.

On/Off/Time Clock Switch

A slide switch on the side of the thermostat allows you to switch between On, Permanent Off or Time Clock. In On mode, the thermostat will maintain the set temperature on the dial, but will ignore the time clock input.

	Air Only Models			Air & Floor Models	
	DS1	DS1-L	DS-SB	DS1-E	DS1-EL
Temperature Range	05-35°C	05-35°C	05-35°C	05-35°C	05-35°C
Mounting Type	Surface	Surface	Flush	Surface	Surface
Set Back Function	No	No	Yes	No	No
Digital Display	No	Yes	No	No	Yes
Time Clock Override Switch	No	No	Yes	No	No
Dial Lock	No	Yes	No	No	Yes
Built In Air Sensor	Yes	Yes	Yes	Yes	Yes
Floor Sensing Mode	No	No	No	Yes	Yes
Floor Probe Included	No	No	No	Yes	Yes
Built In Air & Floor	No	No	No	Yes	Yes
Adjustable Switching Differential	Yes	Yes	No	Yes	Yes
Accuracy	+/-1.5 °C	+/-1.5 °C	+/-1.5 °C	+/-1.5 °C	+/-1.5 °C
Dimensions	92x92x34mm	92x92x34mm	92x92x34mm	92x92x34mm	92x92x34mm
Max Switching Current	3A	3A	3A	13A	13A
Supply	230v	230v	230v	230v	230v
Weight	150g	150g	150g	150g	150g

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Slimline Thermostats

Our range of mains thermostats are "standard" products enabling the replacement of existing thermostats. These products can be used in conjunction with the UH2 and UH3 mains voltage wiring centres.



Available in 3 plastic finishes:



Silver



White



Brass



Three ranges

230v Models can be used to upgrade existing thermostats and can be used in conjunction with our UH2 and UH3* wiring centres.

12v Network Models have been designed to work as part of a network system, and can be used in conjunction with our UH1 wiring centre and network products. See pages 12 & 13 for our system overview.

Electric Floor Model

Supplied with a remote floor sensor, the PRT-E offers the ability to measure room temperature, floor temperature or both. The PRT-E is rated at 16A making it ideal for electric floor heating.

Modern Slimline Appearance

The slimline thermostat series is flush mounting, resulting in a depth of only 13mm after installation.

Energy Saving Optimum Start

Most home owners manually allow for a heat up time when programming their heating system. This manual method does not allow for seasonal changes. Optimum start is an energy saving feature that calculates the amount of heat up time required to ensure your home is warm when you wake and return home from

work. The thermostat will automatically adjust the heat up time throughout the year, saving you energy.

Temperature Hold Facility

This function allows you to hold a set temperature for a specific duration - ideal for parties. After the hold duration, the thermostat will revert back to the programmed setting.

Holiday Function

The holiday function reduces the set temperature in your home for the duration of your holiday. At the end of your holiday, the thermostat will revert back to the programmed setting, ensuring your home is warm on your return.

Optional Remote Control

All models within our slimline series are compatible with our Infrared remote control (Part Reference: RM1).

Temperature Override

The override facility allows you to adjust the desired temperature in your home without the need to fully re-program the thermostat. This new set temperature will be maintained until the next programmed setting. An override limit function allows you to limit the use of temperature override keys.

	230v Models			12v Network Models				Electric Floor Model
	DT	PRT	PRT/HW	DT-N	PRT-N	PRT/HW-N	PRT-EN	PRT-E
Temperature Range	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F
5/2 Day Programming Mode	No	Yes	Yes	No	Yes	Yes	Yes	Yes
7 Day Programming Mode	No	Yes	Yes	No	Yes	Yes	Yes	Yes
No of Heating Levels	1	4	4	1	4	4	4	4
Optimum Start	No	Yes	Yes	No	Yes	Yes	Yes	Yes
No of HW Times	0	0	4	0	0	4	0	0
Holiday Function	No	Yes	Yes	No	Yes	Yes	Yes	Yes
Keylock Function	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Hold Function	No	Yes	Yes	No	Yes	Yes	Yes	Yes
Temperature Override	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Override Limit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Frost Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Networking Facility	No	No	No	Yes	Yes	Yes	Yes	No
°C / °F Option	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Built In Air Sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Floor Sensing Mode	No	No	No	No	No	No	Yes	Yes
Floor Sensor Included	No	No	No	No	No	No	Yes	Yes
Max Switching Current	3A	3A	3A	3A	3A	3A	3A	16A
Accuracy	+/-1°C	+/-1°C	+/-1°C	+/-1°C	+/-1°C	+/-1°C	+/-1°C	+/-1°C
Infrared Remote Control Option	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Adjustable Switching Differential	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Changeover Output Option	Yes	Yes	No	No	No	No	No	No
Supply	230v	230v	230v	12v	12v	12v	12v	230v
Dimensions	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm
Weight	195g	195g	195g	195g	195g	195g	195g	195g

*The PRT-E is not compatible with the UH3.

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Central Wiring Switch Boxes

Our central wiring switch boxes have been designed to simplify the wiring process. Using the UH1, UH2 or UH3 in your application means that the actuator, boiler and pump connections are wired from a single point.



12v Network Thermostat Wiring Centre

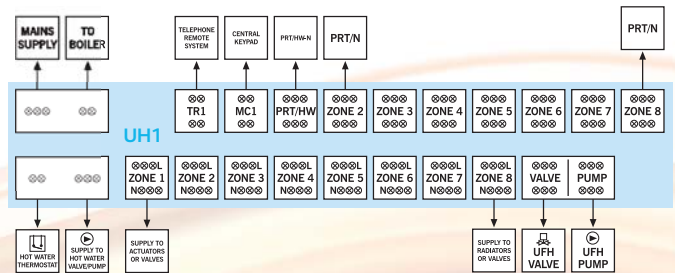
Part Ref: Heatmiser UH1

The UH1 is designed to be used in conjunction with our 12v network thermostats. The UH1 provides central switching and is therefore ideally

situated next to the underfloor heating manifold. 8 zones can be controlled as well as providing an output for a hot water cylinder. On demand from any zone, a 230v output is provided to switch the relevant zone actuators, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers.. Up to 6 actuators can be connected to each zone.

An option is provided to turn zone 8 into a radiator zone. In this mode the underfloor heating pump, valve and boiler are not enabled when there is a call for heat from zone 8.

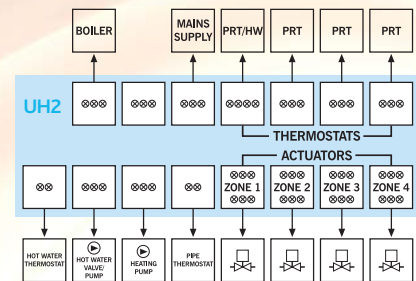
The UH1 provides a network port allowing connection to our network products, including the central Touch Pad, NetMonitor and PCLink.



230v 4 Zone Wiring Centre

Part Ref: Heatmiser UH2

The UH2 can be used in conjunction with our mains thermostats. The UH2 provides central switching of up to 4 zone actuators as well as providing an output for a hot water cylinder and the heating system boiler and pump. When used for underfloor heating, an option is available to use zone 4 for conventional radiator control. Up to 6 actuators can be connected to each zone.



230v 8 Zone Wiring Centre

Part Ref: Heatmiser UH3

The UH3 is designed to work with our 4 channel 230v time clock (TM4) and 230v Set back thermostat (DS-SB) but equally could be used with any 230v room thermostat. Up to 8 zones can be controlled from the UH3. On board the UH3 are two heating time channels, each zone allows you to specify which time channel it should follow. 2 additional time channel connections are provided for hot water control or other auxiliary devices.

On demand from any zone, a 230v output is provided to switch the relevant zone actuator, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers.

A simple slide switch makes zone 8 suitable for controlling a radiator zone. When used for controlling radiators, zone 8 does not enable the underfloor heating pump, valve and boiler. Up to 4 actuators can be connected to each zone.

