Dial Type Thermostats

Stylish Dial Type Thermostats

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

**Headline Information**

- **Mounting Type**
  - Surface mounting: DS1 v2
  - Flush mounting: DS1-L v2 / DS-SB v3

- **Temperature Range**
  - 5-35°C

- **Indication Type**
  - LED: DS1 v2 / DS-SB v3
  - LCD: DS1 v2

- **Set Back Facility**
  - DS-SB v3

- **Installed Dimensions**
  - DS1 v2: 92x92x26mm
  - DS1-L v2: 92x92x14mm
  - DS-SB v3: 92x92x14mm

**Key Features**

- **Modern Family Appearance**
  The new Dial Series are designed to be a single family, with the same modern slim profile design. So, you can be sure whichever model you select it will blend into your home décor.

- **On / Off Time Clock Switch (DS-SB v3)**
  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 remain the set temperature but will ignore the time clock input.

- **Set Back Function (DS-SB v3)**
  Standard dial thermostats are either on or off according to the time clock controlling the system. A set-back thermostat is different as they follow the set temperature during the timed period whilst reducing the set temperature by 4°C when its timed to be off.

- **Surface Mount for Easy Installation**
  The DS1 v2 is surface mounting for easy installation. Modern styling remains in keeping with the rest of the Heatmiser range.

- **Power and Heating Indication**
  The DS1 v2 provides power and heating on indication in the form of coloured LEDs.

- **Remote Air Sensor**
  All Dial Series allow for a remote air sensor to be wired into the thermostat, making it possible to measure the air temperature remote from the thermostat. Our Thimble Sensor provides a discreet way of measuring the air temperature in your home.

- **Wiring Centre Compatible**
  Our Dial Thermostats are compatible with our wiring centres on pages 30-33. The DS-SB v3 offers set back facility when used with the UH8 or UH6.

- **Adjusted Switching Differential**
  All Dial Series allow the switching differential to be adjusted from 1-3°C. The switching differential is the point when the heating turns back on after the heating has switched off.

- **Digital Display**
  The DS1-L v2 incorporates a digital LCD. In its normal state the room temperature is shown, whilst the set temperature is shown when the dial is turned.

- **Adjustable Switching Differential**
  All Dial Series allow the switching differential to be adjusted from 1-3°C. The switching differential is the point when the heating turns back on after the heating has switched off.
<table>
<thead>
<tr>
<th>Feature</th>
<th>DS1 v2</th>
<th>DS1-L v2</th>
<th>DS-SB v3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Range</td>
<td>05-35 °C</td>
<td>05-35 °C</td>
<td>05-35 °C</td>
</tr>
<tr>
<td>Mounting Type</td>
<td>Surface</td>
<td>Flush</td>
<td>Flush</td>
</tr>
<tr>
<td>Set Back Function</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Digital Display</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Time Clock Override Switch</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Built In Air Sensor</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Remote Air Sensor</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Adjustable Switching Differential</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Accuracy</td>
<td>+/- 1.5°C</td>
<td>+/- 1.5°C</td>
<td>+/- 1.5°C</td>
</tr>
<tr>
<td>Dimensions</td>
<td>92x92x26mm</td>
<td>92x92x14mm</td>
<td>92x92x14mm</td>
</tr>
<tr>
<td>Max Switching Current</td>
<td>3A</td>
<td>3A</td>
<td>3A</td>
</tr>
<tr>
<td>Supply</td>
<td>230VAC</td>
<td>230VAC</td>
<td>230VAC</td>
</tr>
<tr>
<td>Weight</td>
<td>150g</td>
<td>150g</td>
<td>150g</td>
</tr>
</tbody>
</table>

**DS1 v2 Surface Mount Dial Thermostat.**

**DS1-L v2 Dial Thermostat with Digital LCD**

**DS-SB v3 Dial Thermostat with Set Back Function**
Slime line Thermostats

Models for Conventional and Floor Heating Systems

Three ranges are available in our Slimline series. The standard Slimline caters for standard 230v systems, the Slimline-e is designed for electric floor heating systems and the N models are powered by 12v and work in conjunction with our UH8-N 12v Wiring Centre.

Headline Information

<table>
<thead>
<tr>
<th>Product Ranges</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mounting Type</strong></td>
<td><strong>230v</strong></td>
</tr>
<tr>
<td>- Flush mounting</td>
<td></td>
</tr>
<tr>
<td><strong>Temperature Range</strong></td>
<td><strong>12v</strong></td>
</tr>
<tr>
<td>- 05-35°C/41-95°F</td>
<td></td>
</tr>
<tr>
<td><strong>Lock Facility</strong></td>
<td><strong>Modern Slimline Appearance</strong></td>
</tr>
<tr>
<td>- Yes - All models</td>
<td>- The slimline thermostat series is flush mounting, resulting in a depth of only 13mm after installation.</td>
</tr>
<tr>
<td><strong>Indication Type</strong></td>
<td><strong>12v Models</strong></td>
</tr>
<tr>
<td>- LCD with White Back Light</td>
<td>- Our 12v models are compatible with our UH8-N wiring centre and are perfect for those systems being wired in low voltage cabling.</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td><strong>Holiday Function</strong></td>
</tr>
<tr>
<td>- 98x85x16mm (L,H,D) (13mm Installed)</td>
<td>- Reduces the set temperature in your home for the duration of your holiday and returns to programmed settings to ensure your home is warm on your return.</td>
</tr>
<tr>
<td><strong>E.U. Back Box</strong></td>
<td><strong>Frost Protection</strong></td>
</tr>
</tbody>
</table>

Electric Floor Model

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

Temperature Override

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.

Temperature Hold Facility

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

Energy Saving Optimum Start

Calculates the amount of heat up time required to ensure your home is warm when you wake and return home. This is automatically optimised throughout the year to save you money.

Frost Protection

A function designed to protect your home against frost. An adjustable frost temperature level can be programmed, between 7°C - 17°C, ensuring your home is always protected against the elements whilst you are away.

Holiday Function

Reduces the set temperature in your home for the duration of your holiday and returns to programmed settings to ensure your home is warm on your return.

Lock Facility

Yes - All models

Indication Type

LCD with White Back Light

Dimensions

98x85x16mm (L,H,D) (13mm Installed)

E.U. Back Box

Headline Information

<table>
<thead>
<tr>
<th>Headline Information</th>
<th>Product Ranges</th>
<th>Key Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Type</td>
<td><strong>230v</strong></td>
<td><strong>Modern Slimline Appearance</strong></td>
</tr>
<tr>
<td>- Flush mounting</td>
<td>- The slimline thermostat series is flush mounting, resulting in a depth of only 13mm after installation.</td>
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</tr>
<tr>
<td><strong>Temperature Range</strong></td>
<td><strong>12v</strong></td>
<td><strong>Frost Protection</strong></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td><strong>Lock Facility</strong></td>
<td><strong>Modern Slimline Appearance</strong></td>
<td><strong>Holiday Function</strong></td>
</tr>
<tr>
<td>- Yes - All models</td>
<td>- The slimline thermostat series is flush mounting, resulting in a depth of only 13mm after installation.</td>
<td>- Reduces the set temperature in your home for the duration of your holiday and returns to programmed settings to ensure your home is warm on your return.</td>
</tr>
<tr>
<td><strong>Indication Type</strong></td>
<td><strong>12v Models</strong></td>
<td><strong>Energy Saving Optimum Start</strong></td>
</tr>
<tr>
<td>- LCD with White Back Light</td>
<td>- Our 12v models are compatible with our UH8-N wiring centre and are perfect for those systems being wired in low voltage cabling.</td>
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</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td><strong>Holiday Function</strong></td>
<td><strong>Frost Protection</strong></td>
</tr>
<tr>
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</tr>
<tr>
<td><strong>E.U. Back Box</strong></td>
<td><strong>Frost Protection</strong></td>
<td><strong>Energy Saving Optimum Start</strong></td>
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Temperature Hold Facility

Allows you to hold a set temperature for a specific duration - ideal for parties. After which, the thermostat will revert back to the programmed setting.
### FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Slimline</th>
<th>Slimline-N</th>
<th>Slimline-HW-N</th>
<th>Slimline-E</th>
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</thead>
<tbody>
<tr>
<td>Temperature Range</td>
<td>05-35 °C 41-95 °F</td>
<td>05-35 °C 41-95 °F</td>
<td>05-35 °C 41-95 °F</td>
<td>05-35 °C 05-95 °F</td>
</tr>
<tr>
<td>White Back Lit Screen</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>5/2 Day Programming Mode</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>7 Day Programming Mode</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Number of Heating Levels</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Optimum Start</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Number of HW Times</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Holiday Function</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Keylock Function</td>
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<td>Y</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Temperature Hold Function</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Temperature Override</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Temperature Override Limit</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Frost Protection</td>
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<td>Y</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Networking Facility</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
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<tr>
<td>°C / °F Option</td>
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<td>Y</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Remote Air Sensor Connection</td>
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<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Remote Air Sensor Included</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Built In Air Sensor</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Floor Sensing Mode</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Floor Sensor Included</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Max Switching Current</td>
<td>3A</td>
<td>3A</td>
<td>3A</td>
<td>3A</td>
</tr>
<tr>
<td>Accuracy</td>
<td>+/-1 °C</td>
<td>+/-1 °C</td>
<td>+/-1 °C</td>
<td>+/-1 °C</td>
</tr>
<tr>
<td>Adjustable Switching Differential</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Supply</td>
<td>230VAC</td>
<td>12VDC</td>
<td>12VDC</td>
<td>230VAC</td>
</tr>
<tr>
<td>Installed Dimensions</td>
<td>98x85x13mm(L,H,D)</td>
<td>98x85x13mm(L,H,D)</td>
<td>98x85x13mm(L,H,D)</td>
<td>98x85x13mm(L,H,D)</td>
</tr>
</tbody>
</table>

### Thimble Sensor

**Part Ref: Heatmiser Thimble Sensor**

The Heatmiser Thimble sensor is ideal for discrete temperature monitoring and is compatible with all Heatmiser Thermostats with a remote sensor connection. Supplied with a 3 meter cable.

### Remote Sensor Probe

**Part Ref: Heatmiser MISC103**

This remote sensor probe can be used to measure air and floor temperature. This probe is supplied with a 3 meter cable which can be extended to 20 meters if required.
Modbus Heat & Cool Thermostats

Models for Conventional, Floor Heating and Fan Coil Systems

The edge is our 3A conventional heating model whereas the edge-e has been designed for electric floor heating. Fan Coil systems are catered for with the Edge-HC and Edge-HC Modbus

Headline Information

Mounting Type
Flush mounting

Temperature Range
05-35°C
41-95°F

Lock Facility
Yes – PIN Code

Indication Type
LCD with White Back Light

Dimensions
90x90x40mm

Key Features

Modern Appearance
The Edge Thermostat Series has been designed to offer an ultra slim profile after installation. With a depth of only 15mm once installed, the floating edge design of the edge series will complement the décor in any home.

Wireless Air Sensor Function (excluding edge-HC)
A wireless air sensor function is available with 2 operating modes. A single wireless air sensor can be used to measure the air temperature from a different location to the thermostat or a wireless air sensor can be used in conjunction with the built in thermostat sensor to provide an averaged air temperature.

Door & Window Contact (excluding edge-HC)
With rising energy costs, it really doesn’t make sense to heat the street when we have our windows and doors open.

PIN Code
Locking the Edge Thermostats with a 4-digit PIN Code is the best way to save energy, giving access to only those that require it.

Energy Saving Optimum Start
Calculates the amount of heat up time required to ensure your home is warm when you wake and return home. This is automatically optimised throughout the year to save you money.

Modbus Connection
The Edge Thermostat Series offer a Modbus RTU RS-485 Network connection, allowing control of up to 32 thermostats from a central system master. (Excluding edge-HC)

Temperature Hold Facility
Allows you to hold a set temperature for a specific duration – ideal for parties. After which, the thermostat will revert back to the programmed setting.

Holiday Function
Reduces the set temperature in your home for the duration of your holiday and returns to programmed settings to ensure your home is warm for your return.

Electric Floor Model (edge-e)
Supplied with a 3M floor probe, the edge-e offers the ability to measure room temperature, floor temperature or both. The edge-e is rated at 16A making it ideal for electric floor heating.

Fan Coil Support
The edge-HC and Edge-HC Modbus have been designed specifically for fan coil systems, offering support for 2 and 4 pipe systems.

Door & Window Contact
Yes – PIN Code

Indication Type
LCD with White Back Light

Dimensions
90x90x40mm
<table>
<thead>
<tr>
<th>FEATURES</th>
<th>230V</th>
<th>ELECTRIC FLOOR MODEL</th>
<th>FAN COIL SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating and Cooling</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>Heating Temp Range</td>
<td>05-35°C</td>
<td>05-35°C</td>
<td>18-35°C</td>
</tr>
<tr>
<td>Cooling Temp Range</td>
<td>NA</td>
<td>NA</td>
<td>18-35°C - 64-95°F</td>
</tr>
<tr>
<td>White Backlight</td>
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<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Heating Only</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Timer Only</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Fan Speed Control</td>
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<td>Non Programmable</td>
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<td>Y</td>
<td>Y</td>
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<tr>
<td>24 hour Programming</td>
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<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>5/2 Day Programming</td>
<td>Y</td>
<td>Y</td>
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</tr>
<tr>
<td>7 Day Programming</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Number of Heating Levels</td>
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<td>4 or 6</td>
<td>4 or 6</td>
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<tr>
<td>Number of Timer Levels</td>
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<td>4</td>
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<tr>
<td>Optimum Start</td>
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<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Holiday Function</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Temperature Hold Function</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Temperature Override</td>
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<td>Y</td>
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<td>Override Limit</td>
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<tr>
<td>Frost Protection</td>
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<tr>
<td>Modbus Connectivity</td>
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<tr>
<td>C/F Option</td>
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<tr>
<td>Wireless Air Sensor</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Wireless Door Contact</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Built in Air Sensor</td>
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<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Floor Sensing Mode</td>
<td>Y</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Floor Sensor Included</td>
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<td>N</td>
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<tr>
<td>Max Switching Current</td>
<td>3A</td>
<td>16A</td>
<td>3A</td>
</tr>
<tr>
<td>Accuracy</td>
<td>+/-1°C</td>
<td>+/-1°C</td>
<td>+/-1°C</td>
</tr>
<tr>
<td>Adjustable Switching Differential</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Supply</td>
<td>230V AC</td>
<td>230V AC</td>
<td>230V AC</td>
</tr>
<tr>
<td>Installed Dimensions</td>
<td>90x90x15mm</td>
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</tr>
<tr>
<td>Key Card Input Override</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
</tbody>
</table>

**Wireless Air Sensor**

**Wireless Door & Window Contact Switch**

Not compatible with the edge-HC.
TouchScreen Thermostats

The Touch Series can be paired to the optional remote air / door contact sensor, offering a more efficient way of controlling your heating system. The neoUltra can be used as a standalone thermostat or as a central controller for the Multi Zone Neo System.

Key Features

5/2 & 7 Day Programming
5/2 Day mode is ideal for those who keep to one schedule Monday - Friday and another for the weekend. 7 Day mode allows you to have a different schedule for each day of the week. Ideal for families with changing schedules.

Door & Window Contact (Touch Series)
With rising energy costs, it really doesn’t make sense to heat the street when we have our windows and doors open.

Adjustable Switching Differential
Our TouchScreen Series has an adjustable switching differential from 0.5°C - 3°C. This function allows you to get even tighter control of your heating system.

Modbus Connection
The Touch Series offer a Modbus RTU RS-485 Network connection, allowing control of up to 32 thermostats from a central system master.

Frost Protection
A function designed to protect your home against frost. An adjustable frost temperature level can be programmed, between 7°C - 17°C, ensuring your home is always protected against the elements whilst you are away.

Wireless Air Sensor (Touch Series)
A wireless air sensor function is available with 2 operating modes. A single wireless air sensor can be used to measure the air temperature from a different location to the thermostat or a wireless air sensor can be used in conjunction with the built in thermostat sensor to provide an averaged air temperature, perfect for larger rooms.

Headline Information

Mounting Type
Flush mounting

Temperature Range
05-35°C
41-95°F

Lock Facility
Yes - All models

Indication Type
LCD with White Back Light

Adjustable Switching Differential
0.5-3°C

Dimensions
107x86x15mm (L,H,D)
### FEATURES

- **Heating Temp Range**: 05-35°C / 41-95°F
- **White Backlight**: Y
- **Negative LCD**: N
- **Full Colour TFT LCD**: Y
- **Non-Programmable Mode**: Y
- **24 Hour Programming**: Y
- **5/2 Day Programming**: Y
- **7 Day Programming**: Y
- **Number of Heating Levels**: 4 or 6
- **Number of Hot Water Levels**: 4
- **Optimum Start**: Y
- **Holiday Feature**: Y
- **Temperature Hold Function**: Y
- **Temperature Override**: Y
- **Override Limit**: Y
- **Frost Protection**: Y
- **Modbus Connectivity**: Y
- **Central Control of Neo System**: N
- **C/F Option**: Y
- **Wireless Air Sensor**: Y
- **Wireless Door Contact**: Y
- **Built In Air Sensor**: Y
- **Floor Sensing Mode**: Y
- **Floor Sensor Included**: N
- **Max Switching Current**: 3A
- **Accuracy**: +/-1°C
- **Adjustable Switching Differential**: Y
- **Supply**: 230V AC
- **Installed Dimensions**: 107x86x15mm

### TOUCH SERIES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Touch</th>
<th>Touch-e</th>
<th>neoUltra</th>
</tr>
</thead>
<tbody>
<tr>
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<td>05-35°C / 41-95°F</td>
<td>05-35°C / 41-95°F</td>
<td>05-35°C / 41-95°F</td>
</tr>
<tr>
<td>White Backlight</td>
<td>Y</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Negative LCD</td>
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<td>N</td>
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<tr>
<td>Full Colour TFT LCD</td>
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<td>Non-Programmable Mode</td>
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<tr>
<td>24 Hour Programming</td>
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<tr>
<td>5/2 Day Programming</td>
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<tr>
<td>7 Day Programming</td>
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<td>Y</td>
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<tr>
<td>Number of Heating Levels</td>
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<tr>
<td>Number of Hot Water Levels</td>
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</tr>
<tr>
<td>Optimum Start</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Holiday Feature</td>
<td>Y</td>
<td>Y</td>
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</tr>
<tr>
<td>Temperature Hold Function</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Temperature Override</td>
<td>Y</td>
<td>Y</td>
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</tr>
<tr>
<td>Override Limit</td>
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<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Frost Protection</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Modbus Connectivity</td>
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<td>Y</td>
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<tr>
<td>Central Control of Neo System</td>
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</tr>
<tr>
<td>C/F Option</td>
<td>Y</td>
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</tr>
<tr>
<td>Wireless Air Sensor</td>
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<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Wireless Door Contact</td>
<td>Y</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Built In Air Sensor</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Floor Sensing Mode</td>
<td>Y</td>
<td>Y</td>
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</tr>
<tr>
<td>Floor Sensor Included</td>
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<td>N</td>
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<tr>
<td>Max Switching Current</td>
<td>3A</td>
<td>16A</td>
<td>3A</td>
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<tr>
<td>Accuracy</td>
<td>+/-1°C</td>
<td>+/-1°C</td>
<td>+/-1°C</td>
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<tr>
<td>Adjustable Switching Differential</td>
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<td>Y</td>
<td>Y</td>
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<tr>
<td>Supply</td>
<td>230V AC</td>
<td>230V AC</td>
<td>230V AC</td>
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<tr>
<td>Installed Dimensions</td>
<td>107x86x15mm</td>
<td>107x86x15mm</td>
<td>107x89x17mm</td>
</tr>
</tbody>
</table>

### Optional Accessories - (Compatible with the Touch series only)

- **Thimble Sensor**
- **Remote Sensor Probe**
- **Wireless Air Sensor**
- **Wireless Door & Window Contact Switch**
Battery Thermostat

Slimline design to compliment any environment

Our battery thermostat provides a viable upgrade route for those with an existing thermostat working on a 2 wire system. The design follows our Slimline Thermostat Series with non-programmable and programmable modes selectable in software.

**Key Features**

- **Battery powered**
  Powered from 2 x AAA Batteries – suitable for 2 wire heating systems.

- **Optimum Start**
  A feature whereby the thermostat calculates the amount of heat up time required, is standard on the Slimline-B.

- **Surface mount**
  Our battery thermostats are surface mounted for easy installation, making them perfect for the retrofit market.

- **Key Lock Function**
  Our battery thermostats are equipped with a key lock helping to prevent energy usage by restricting access.

**Features**

- 5/2 Day Programming Mode
- 7 Day Programming Mode
- Number of Heating Levels
- Optimum Start
- Holiday Function
- Key Lock Function
- Temperature Hold Function
- Temperature Override Limit
- Frost Protection
- °C / °F Option
- Built In Air Sensor
- Accuracy
- Adjustable Switching Differential
- Supply

**Battery Thermostats**

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BATTERY THERMOSTATS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slimline-B</td>
<td></td>
</tr>
<tr>
<td>5/2 Day Programming Mode</td>
<td>Y</td>
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<tr>
<td>7 Day Programming Mode</td>
<td>Y</td>
</tr>
<tr>
<td>Number of Heating Levels</td>
<td>4</td>
</tr>
<tr>
<td>Optimum Start</td>
<td>Y</td>
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<tr>
<td>Holiday Function</td>
<td>Y</td>
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<tr>
<td>Key Lock Function</td>
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<tr>
<td>Temperature Hold Function</td>
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<tr>
<td>Temperature Override Limit</td>
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<tr>
<td>Frost Protection</td>
<td>Y</td>
</tr>
<tr>
<td>°C / °F Option</td>
<td>Y</td>
</tr>
<tr>
<td>Built In Air Sensor</td>
<td>Y</td>
</tr>
<tr>
<td>Accuracy</td>
<td>+/-1°C</td>
</tr>
<tr>
<td>Adjustable Switching Differential</td>
<td>Y</td>
</tr>
<tr>
<td>Supply</td>
<td>2 x AAA</td>
</tr>
</tbody>
</table>

**Headline Information**

- **Mounting Type**
  - Battery Thermostats: Surface mounting
  - Time Clocks: Flush mounting

- **Battery Thermostat**
  - Temperature Range: 05-33°C

- **Lock Facility**
  - Yes - All models

- **Indication Type**
  - LCD with White Back Light

- **Dimensions**
  - Battery Thermostats: 86x99x24mm (L,H,D)
  - Slimline Time Clocks: 98x85x16mm (L,H,D)
  - TouchScreen Time Clocks: 92x92x17mm (L,H,D)

- **E.U. Back Box**
  - Time Clock Only
Time Clocks
Simple to use Single and 4 Channel Time Clocks

Product Ranges
230v Models
230v
Are designed to work with our UH8 wiring centre and dial thermostat with set back function, providing simple but effective control.

12v Network Models
12v
Have been designed to work as part of a network system, and can be used in conjunction with our UHB-N wiring centre.

Key Features
Number of Zones
A single zone can be controlled on the TM1 series and 4 zones can be controlled on the TM4 series.

Number of Switching Times
4 On/Off times are provided on all time clock models, allowing flexible control of your heating system.

On/Off/Constant
A mode select button providing an easy method of switching between permanent on, permanent off or auto (time clock mode) TM4 only.

+ Boost Facility
This programmable function allows you to extend the program time, in 30 minute increments - ideal for unscheduled operation of the system.

Countdown Timer
A simple yet useful function that enables the output for the duration of the programmed countdown time.

From Towel Rails to Lighting
All time clock models can be used to control anything - not just your heating system. In fact, those using our networking system can control each time clock independently from the TouchPad or over the internet, so it makes sense to use one of our time clocks wherever you want complete control.

Slimline Time Clock
Part Ref: Heatmiser TM1

TouchScreen TimeClock
Part Ref: Heatmiser TM4

FEATURES
TIME CLOCKS 230V MODELS
TM1 | TM4-TS
--- | ---
Back Lit Screen | Keypad | TouchScreen
Keypad/TouchScreen | Y | Y
Number of Zones | 1 | 4
5/1 Day Programming Mode | Y | Y
7 Day Programming Mode | Y | Y
Number of Switching Times | 4 | 4
+ Boost Facility | N | Y
Auto/Off/Constant Facility | N | Y
Copy Facility | N | Y
Countdown Timer Function | Y | N
Holiday Function | Y | Y
Keylock Function | Y | Y
Manual Override | Y | Y
Networking Facility | N | N
Max Switching Current | 3A | 3A
Changeover Output Option | Y | N
Supply | 230VAC | 230VAC

TIME CLOCKS 12V MODELS
TM1-N
---

Key

230v

12v
Wireless Thermostats

Wireless design for easy installation

Wiring a conventional thermostat often includes lifting floor-boards or chasing out plaster work. Our wireless thermostats offer an effective alternative, and are the ideal choice for extensions or when you are looking to relocate your thermostat.

**Headline Information**
- **Mounting Type**
  - Slimline-RF: Wall
- **Temperature Range**
  - 05-35°C
  - 41-95°F
- **Lock Facility**
  - Yes - All models
- **Indication Type**
  - LCD with Back Light
- **Dimensions**
  - neoAir: 86x86x26mm (L,H,D)
  - Battery Thermostats: 86x99x24mm (L,H,D)

**Key Features**
- **Relocate**
  - Many thermostats are sited incorrectly, causing your boiler to come on more than necessary. A wireless thermostat allows you to move your thermostat to a more suitable position, without the need to run additional cables. What’s more, our neoAir model has an optional stand enabling you to move the thermostat around the house with you.
- **App Control**
  - Up to 32 neoAir or a mixture of neoAir and neoStat can be paired to a neoHub to offer local and remote control of the multi zone heating system. neoAir are perfect for extensions or areas where a wired thermostat isn’t possible.
- **Fail Safe**
  - A loss of wireless connection could leave your home vulnerable to frost damage. The fail safe function enables the heating for 20% of the time, ensuring the temperature in your home does not drop to dangerous levels.
- **Key Lock Function**
  - A simple way to reduce tampering of the system settings, and standard across our wireless thermostat series.
- **Compatible Receivers**
  - Our Wireless thermostats are compatible with our 2 channel RF-Switch and 8 zone UH8-RF wireless receivers.
- **Replaceable Batteries**
  - The Slimline RF and neoAir use standard AAA batteries.
<table>
<thead>
<tr>
<th>FEATURES</th>
<th>Slimline-RF</th>
<th>neoAir</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible Receivers</td>
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<td></td>
</tr>
<tr>
<td>RF Switch</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>UHB-RF</td>
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<td>Y</td>
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<tr>
<td>App Control</td>
<td>N</td>
<td>Y</td>
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<tr>
<td>Operating Type</td>
<td>Button</td>
<td>Touch Key</td>
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<tr>
<td>App Control</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Heating Only Mode (Selectable by User)</td>
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<tr>
<td>Heating &amp; Water Mode (Selectable by User)</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Non Programmable Mode</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>5/2 Day Programming Mode</td>
<td>Y</td>
<td>Y</td>
</tr>
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<td>7 Day Programming Mode</td>
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<td>Optimum Start</td>
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<tr>
<td>Number of HW Times</td>
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<td>Holiday Function</td>
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<td>Y</td>
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<td>Keylock Function</td>
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<td>Temperature Hold</td>
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<td>Temperature Override</td>
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<td>Y</td>
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<tr>
<td>Frost Protection</td>
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<td>Y</td>
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<tr>
<td>C/F Function</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Built-in Air Sensor</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Remote Air Sensor Connection</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Accuracy</td>
<td>+/-1°C</td>
<td>+/-1°C</td>
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<td>Adjustable Switching Differential</td>
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<td>Y</td>
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<tr>
<td>Wireless Fail Safe Function</td>
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<tr>
<td>RF Frequency</td>
<td>868MHz</td>
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<td>RF Range (UHB-RF/RF Switch)</td>
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<td>App Data Range</td>
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<td>Power</td>
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<td>Battery Lifetime</td>
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<td>USB Power Lead Included</td>
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<tr>
<td>Mounting Type</td>
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<td>Wall/Stand</td>
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<tr>
<td>Dimensions</td>
<td>85mm(L) x 98mm (H) x 24mm</td>
<td>86mm(L) x 86mm (H) x 26mm</td>
</tr>
</tbody>
</table>
Wireless Receivers

Our wireless receivers are designed to work with our wireless thermostats and are ideally suited for water underfloor heating and conventional heating systems.

**Headline Information**

**Mounting Type**
- RF Switch / Boost
- UH8-RF: Surface Mounting

**Indication Type**
- LED

**Dimensions**
- RF Switch / Boost: 108x90x24mm (L,H,D)
- UH8-RF: 384x148x60mm (L,H,D)

**Compatibility**
- Button Wireless Thermostat: Part Ref: Slimline-RF
- App Wireless Thermostat: Part Ref: neoAir

---

**Heatmiser RF Switch**

The Heatmiser RF Switch is our surface mount 2 channel RF Receiver compatible with the Slimline-RF and neoAir Thermostats.

A single Slimline-RF or neoAir in Heating Only mode or a single Slimline-RF or neoAir in Heating/Hot Water mode can be paired to the RF Switch.

In addition to the two changeover contacts for the heating and hot water circuits, the RF Switch provides a volt free switch for the boiler.

The RF Switch can be paired to multiple UH8-RF, providing a wireless link for the boiler signal.

---

**Heatmiser Boost**

The Heatmiser Boost is our surface mount 230v powered wireless repeater for the RF and Neo systems designed to extend the communication distance between the thermostat and receiver.
Wireless 230v 8 Zone Wiring Centre

**Part Ref: Heatmiser UH8-RF**

The UH8-RF is designed to be used in conjunction with our Slimline-RF and neoAir Wireless Thermostats.

The UH8-RF provides central switching and is therefore ideally situated next to the underfloor heating manifold. Eight zones can be controlled as well as providing an output for a hot water cylinder. On demand from any zone, a 230v output is provided to switch the relevant zone actuators, underfloor heating pump and valve. A volt free connection is supplied for the boiler making it compatible with almost all types of boilers. The RF Switch can also be paired to multiple UH8-RF providing a wireless link for the boiler enable signal.

Up to 6 actuators can be connected to each zone. An external aerial is available for use when the UH8-RF is being mounted in a metal cupboard or when the wireless signal is restricted.

A software option in the thermostat allows you to configure which zones are underfloor heating and which zones are radiators. Radiator zones will not enable the underfloor heating pump and underfloor heating valve when there is a call for heat.
Multi Zone App

With Neo you can control your heating and hot water from anywhere using your Smartphone or Tablet. The neoApp can operate with conventional heating including water and electric based underfloor heating as well as 2&4 Pipe Fan Coil Heating and Cooling Systems.

Multi Zone Control
The neoApp can provide control of up to 32 zones that can be easily titled in the app. What's more, you can take control of your appliances with the help of the neoPlug and neoStat-hw.

Smart Profiles
The neoApp allows you to program a number of heating profiles that are stored in the neoHub for future use. Once selected, any zone using a profile will be updated automatically whenever the profile is changed.

Geo Location
Geo Location in Neo is an energy saving feature that works in the background. Neo will turn off your heating when you leave whilst ensuring your home is warm for your return.

Support for 2&4 Pipe Systems
The neoApp is fully compatible with the neoStat-HC our 2&4 Pipe Fan Coil Thermostat with support for 32 zones. The neoApp can operate with Heating, Cooling or both Heating & Cooling Temperatures. 3 Speed Fan Control is also provided in the app on a zone and system level.

Global Mode Programming
When used with a 2 Pipe System, neoApp offers a global mode switch allowing the user to easily switch between Heat or Cool Mode. Independent Mode control is available for 4 Pipe Systems.

Heat & Cool Level Programming
With the neoApp, you can program the heating and cooling profiles for each zone. What’s more you can easily copy between days and zones.
The Heatmiser neoUltra is a thermostat and central control in one, making it the perfect addition to your Neo System. Install the neoUltra in a central position in your home and benefit from the always-on central control for all your heating zones, hot water and neoPlugs.

### Mounting Type
- neoUltra – Flush Mounting

### Temperature Range
- 05-35°C / 41-95°F

### Lock Facility
- Yes

### Indication Type
- TFT LCD with Backlight

### Dimensions (When installed)
- 107x89x17mm

### Heat or Timer
The Heatmiser neoUltra has been designed to work in thermostat or timer mode, so it is perfect for controlling heating zones or timer zones such as towel rails and hot water.

### Energy Saving Optimum Start
neoUltra calculates the amount of heat up time required to ensure your home is warm when you wake and return home. This is automatically optimised throughout the year to save money.

### Global Functions
With the Heatmiser neoUltra you can make changes for multiple rooms in your home at the same time. So, whether you want to enable the Away function on your way out or boost the temperature in a couple of rooms, with the neoUltra it couldn’t be easier.

### Key Features
- **Thermostat & Central Control**
  - The Heatmiser neoUltra is a thermostat and central control in one, making it the perfect addition to your Neo System. Install the neoUltra in a central position in your home and benefit from the always-on central control for all your heating zones, hot water and neoPlugs.
- **Global Functions**
  - With the Heatmiser neoUltra you can make changes for multiple rooms in your home at the same time. So, whether you want to enable the Away function on your way out or boost the temperature in a couple of rooms, with the neoUltra it couldn’t be easier.
- **Heat or Timer**
  - The Heatmiser neoUltra has been designed to work in thermostat or timer mode, so it is perfect for controlling heating zones or timer zones such as towel rails and hot water.

### Features
- **Thermostat Mode**
  - Y
- **Timer Mode**
  - Y
- **Temperature Range**
  - 05-35°C / 41-95°F
- **Display**
  - 3.5" TFT LCD
- **Back Lit Screen**
  - Y
- **Non Programmable**
  - Y
- **5/2 Day Programming Mode**
  - Y
- **7 Day Programming Mode**
  - Y
- **24 Hour Programming Mode**
  - Y
- **Number of Heating Levels**
  - 4
- **Optimum Start**
  - Y
- **Holiday Function**
  - Y
- **Temperature Hold Function**
  - Y
- **Temperature Override**
  - Y
- **Temperature Override Limit**
  - Y
- **Frost Protection**
  - Y
- **App Control**
  - Y
- **C/F Option**
  - Y
- **Remote Air Sensor Connection**
  - Y
- **Built-in Air Sensor**
  - Y
- **Floor Sensing Mode**
  - Y
- **Floor Sensor Included**
  - N
- **Max Switching Current**
  - 3A
- **Accuracy**
  - +/- 1C
- **Adjustable Switching Differential**
  - +/- 3C
- **Supply**
  - 230V AC
- **Output**
  - Volt free contact
- **Installed Dimensions**
  - 107x89x17mm
- **Compatible with neoStat HC**
  - N

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

neoStat has been designed as a standalone thermostat that can be paired to the neoHub when smart control is required. Models are available for conventional heating, electric heating and hot water and a wireless option is available with the neoAir.

### Headline Information

<table>
<thead>
<tr>
<th>Mounting Type</th>
<th>neoStat Flush Mounting</th>
<th>neoAir Surface/Desk Stand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Range</td>
<td>05-35°C</td>
<td>41-95°F</td>
</tr>
<tr>
<td>Lock Facility</td>
<td>Yes - All models</td>
<td></td>
</tr>
<tr>
<td>Indication Type</td>
<td>LCD with Back Light</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>neoStat 85x85x15mm (L,H,D)</td>
<td>neoAir 85x85x26mm</td>
</tr>
<tr>
<td>E.U. Back Box</td>
<td>neoStat Only</td>
<td></td>
</tr>
</tbody>
</table>

### Key Features

- **Modern Appearance**
  - The neoStat and neoAir have been designed to compliment any home décor.

- **Heat or Timer Option**
  - The neoStat has been designed to work as a thermostat or timer, selectable in software. The neoAir can be set to work as a thermostat, timer or combined model that offers heating and timer control – perfect for controlling heating and hot water from a single device. Flexible programming means reduced SKU’s for stockists.

- **Energy Saving Optimum Start**
  - Calculates the amount of heat up time required to ensure your home is warm when you wake and return home. This is automatically optimised throughout the year to save you money.

- **Wireless Networking**
  - neoStat and neoAir communicate wirelessly to the neoHub to offer a reliable and scalable network system. The mains powered neoStat automatically repeats the data signal from other neoStat/neoAir in the home. If there are no neoStat’s installed, the neoAir communicates directly with the neoHub and so the neoPlug or Boost can be used to extend the communication distance.

- **Temperature Hold Facility**
  - Allows you to hold a set temperature for a specific duration - ideal for parties. After which, the thermostat will revert back to the programmed setting.

- **Battery Model**
  - The neoAir is powered by 4 AAA batteries and provides a totally wire free solution. The neoAir communicates with the UH8-RF and RF Switch Receivers and can be paired to the neoHub to provide App Control.

- **Remote Sensing**
  - neoStat can be used with a remote air and remote floor sensor, whereas the neoAir has one remote sensor connection that can be used for remote air or floor temperature monitoring.

- **Easy Navigation**
  - The neoStat/neoAir series offer an easy to navigate programming system, providing all of the options across the bottom of the back lit display.

- **Soft Touch Operation**
  - Modern touch sensitive keys provide a clean smooth interface, adding further to the premium feel of the neoStat series.
### Features

<table>
<thead>
<tr>
<th></th>
<th>neoStat</th>
<th>neoStat-hw</th>
<th>neoStat-e</th>
<th>neoAir</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermostat Mode</td>
<td>Y</td>
<td>Y</td>
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<td>Timer Mode</td>
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<td>Heating &amp; Timer Mode</td>
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<td>Temperature Range</td>
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<td>41-95 °F</td>
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<td>Back Lit Screen</td>
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<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Non-Programmable Mode</td>
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<td>N</td>
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<td>Y</td>
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<tr>
<td>5/2 Day Programming Mode</td>
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<td>7 Day Programming Mode</td>
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<td>Optimum Start</td>
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<td>Number of HW Times</td>
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<td>Holiday Function</td>
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<td>Temperature Override</td>
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<td>Temperature Override Limit</td>
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<td>°C / °F Option</td>
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<td>Remote Air Sensor Connection</td>
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<td>Max Switching Current</td>
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<td>Accuracy</td>
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<td>Adjustable Switching Differential</td>
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<td>Supply</td>
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<td>230VAC</td>
<td>230VAC</td>
<td>4 x AAA</td>
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<td>Output Volt Free Contact</td>
<td>Changeover</td>
<td>230VAC</td>
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<td>Installed Dimensions</td>
<td>85x85x13mm (L,H,D)</td>
<td>85x85x13mm (L,H,D)</td>
<td>85x85x26mm (L,H,D)</td>
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<td>Wireless Switching to UH8-RF / RF Switch</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Y</td>
</tr>
</tbody>
</table>

### Available In Three Stunning Colours

- neoStat - Glacier White
- neoStat - Sapphire Black
- neoStat - Platinum Silver

### Thimble Sensor

Part Ref: Heatmiser Thimble Sensor

The Heatmiser Thimble sensor is ideal for discrete temperature monitoring and is compatible with all Heatmiser Thermostats with a remote sensor connection. Supplied with a 3 meter Cable.

### Remote Sensor Probe

Part Ref: Heatmiser MISC103

This remote sensor probe can be used to measure air and floor temperature. This probe is supplied with a 3 meter cable which can be extended to 20 meters if required.
The neoStat-HC is our Smart Fan Coil Thermostat that can be paired to the neoHub. Up to 32 zones can be controlled from the neoApp and support is provided for both 2&4 Pipe Systems.

**Headline Information**

- **Mounting Type**: Flush Mounting
- **Temperature Range**: 05-35°C
- **Lock Facility**: Yes
- **Indication Type**: LCD with White Backlight
- **Dimensions**: neoStat-HC 85x85x13mm

**Key Features**

- **Modern Appearance**: The neoStat-HC has been designed to complement any home décor.

- **Energy Saving Optimum Start**: Calculates the amount of heat up time required to ensure your home is warm when you wake and return home. This is automatically optimised throughout the year to save you money.

- **Flexible System Modes**: neoStat-HC incorporates 5 different operating modes, making the neoStat-HC compatible with most fan coil systems. In addition, mode 5 can operate a 2 Stage Heating and single stage cooling system.

- **Wireless Networking**: neoStat-HC communicates wirelessly to the neoHub to offer a reliable and scalable network system. The mains powered neoStat-HC automatically repeats the data signal from other neoStat-HC in the home.

- **Easy Navigation**: The neoStat-HC offers an easy to navigate programming system, providing all of the options across the bottom of the back lit display.

- **Holiday Function**: Reduces the set temperature in your home for the duration of your holiday and returns to your programmed setting to ensure your home is comfortable for your return.
White Back Light
The neoStat-HC incorporates a cool white backlight that automatically switches off after 30s of inactivity.

Mode Select
The neoStat-HC has a Mode Function allowing the user to easily switch between operating modes. When paired to the neoHub, only available modes are visible.

Fan Speed
The neoStat-HC has a Fan mode, allowing the user to switch between Auto, High, Medium and Low fan speed. In auto, the neoStat-HC will automatically select the correct fan speed in order to maintain the set temperature.

FEATURES

| neoStat HC | 2 Pipe System - Heat or Cool Mode | Y |
|           | 2 Pipe System - Cool Only        | Y |
|           | 2 Pipe System - 2 Stage Heating and 1 Stage Cooling | Y |
|           | 4 Pipe System - Heat, Cool, Auto | Y |
|           | Temperature Range                | 05-35°C / 41-95°F |
|           | Fan Speed Control (Auto, Low, Med, High) | Y |
|           | Back Lit LCD                     | Y |
|           | Non Programmable Mode            | Y |
|           | 5/2 Day Programming Mode         | Y |
|           | 7 Day Programming Mode           | Y |
|           | 24 Hour Programming Mode         | Y |
|           | Number of Levels                 | 4 or 6 |
|           | Illuminated Touch Keys           | Y |
|           | Temperature Hold Function        | Y |
|           | Holiday Function                 | Y |
|           | Temperature Override             | Y |
|           | °C/°F Function                   | Y |
|           | App Control (with neoHub)        | Y |
|           | Built in Air Sensor              | Y |
|           | Max Switching Current            | 3A (Resistive) |
|           | Adjustable Deadband             | Y |
|           | Adjustable Differential          | Y |
|           | Accuracy                        | +/-1°C |
|           | Supply                          | 230v AC |
|           | Output                          | 230v AC |
|           | Installed Dimensions            | 85x85x13mm (LHLD) |
Base Level Water Underfloor Heating & Radiator System

230V Underfloor & Radiator System With Set Back Facility

Our base level water underfloor heating system uses our UH8, 8 Zone wiring centre. With the flush mount set back thermostats and 4 zone touchscreen time clock, this creates a simple, yet cost effective solution.

Connections for
8 x Zone outputs
(suitable for 230v actuators)
230v Output for UFH Pump & Valve Control
Volt Free Boiler Enable

Component Dimensions
Time Clock
110x100x17mm (L,H,D)
Set Back Thermostat
86 x 86 x 19mm (L,H,D)
Wiring Centre
384 x 148 x 60mm (L,H,D)

Providing
Wiring centre, controlling up to 8 zones
4 Zone Master Time Clock
230v Set Back Thermostat in each room

Product List
8 Zone Wiring Centre
Part Ref: Heatmiser UH8
(See page 31)
4 Zone Time Clock
Part Ref: Heatmiser TM4
(See page 09)
Set Back Thermostat
Part Ref: Heatmiser DS-SB
(See page 03)

Key Features

Set Back Function
The set back function is a simple way of reducing temperature when the heating is timed to be off. 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.

DIN Rail Mounting
The UH8 wiring centre can be DIN Rail Mounted for simple, easy installation.

Radiator Zone Control
A simple slide switch makes zone eight suitable for controlling a radiator zone. When used for controlling radiators, zone 8 does not enable the underfloor heating pump, valve and boiler.

Headline Information

Simple Effective Control
Our base level heating system offers simple but effective control of up to eight zones*.
The UH8 wiring centre is the hub of this system and is designed to work with our four channel 230v Time Clock (TM4) and 230v Set Back Thermostat (DS-SB). On board the UH8 are two heating time channels. Each zone allows you to specify which time channel it should follow. Two additional time channel connections are provided for hot water control or other auxiliary devices.

* Additional zones can be controlled with the use of a second UH8.

Simple Connectivity
The UH8 allows the connection of up to eight 230v room thermostats. 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.

Neon Indication
Neon indicators are provided on the UH8 allowing you to see the power, valve, boiler and zone status without the need to remove the cover.

230v Models
Are designed to work with our UH8 wiring centre and dial thermostat with set back function, providing simple but effective control.
**Standard Products**

- **8 Zone Wiring Centre**
  Part Ref: Heatmiser UH8

- **4 Zone Time Clock**
  Part Ref: Heatmiser TM4-TS

- **Set Back Thermostat**
  Part Ref: Heatmiser DS-SB
Wireless Multi Zone App Control System

Designed to be easy to install and operate

Our multi zone wireless system with app control provides a complete solution for those with underfloor or radiators. The neoAir communicates wirelessly with the UH8-RF 8 Zone receiver and the neoHub to offer local and remote control via the neoApp.

Headline Information

Providing
Wiring centre, controlling up to eight zones
Wireless thermostat in each room

Product List
8 Zone Wiring Centre
(expandable up to 792 Zones)
Part Ref: UH8-RF
(See page 30)

Compatible wireless thermostats
Example:
neoAir Wireless Thermostat
Part Ref: neoAir

Optional Products
External Aerial
Part Ref: EA1

Wireless Repeater
Part Ref: Boost/neoPlug

Internet Gateway
Part Ref: neoHub

Key Features

Simple Pairing Process
Up to 99 UH8-RF’s can be used within the same building, allowing control of up to a possible 792 zones. Each UH8-RF has an address setting clearly marked on the PCB. This address, along with the relevant zone number is configured in the thermostat and that’s it – a simple to install, setup and operate system.

Hot Water Control
The UH8-RF also takes care of the hot water. A volt free changeover output is provided for the cylinder stat/hot water valve. The neoAir provides time and temperature control of the heating and time control of the hot water.

Pump & Boiler Delay
The UH8-RF offers an optional pump and boiler delay feature. This 2 minute delay is designed to prevent boilers from going to lockout by giving the zone actuators time to open.

Radiator or Underfloor
A software option in the thermostat allows you to configure which zones are underfloor heating and which zones are radiators. Radiator zones will not enable the underfloor heating pump and underfloor heating valve where there is a call for heat.

App Control
When paired to a neoHub, the neoAir can be controlled from the neoApp – available on WindowsPhone, iOS and Android. Up to 32 neoAir can be paired to a single neoHub. For systems with more zones, additional neoHubs would be required.

DIN Rail Mounting
The UH8-RF wiring centre can be DIN Rail Mounted for simple, easy installation.

neoPlug Compatible
The neoPlug can be used to extend the wireless coverage between the thermostat and neoHub and also the switching receiver. In addition, the power outlet can be controlled from the neoApp.

HomeKit Compatible
HomeKit and the Home app in iOS lets you securely control any “Works with Apple HomeKit” accessory. You can also organize your accessories by room, manage multiple accessories at the same time, control your home with Siri, and more.

Wireless Water Underfloor Heating & Radiator System

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Standard Products

8 Zone Wiring Centre
Part Ref: Heatmiser UH8-RF

neoAir
Glacier White

Optional Desk Stand

neoHub
Part Ref: neoHub
Neo Wired Multi Zone App Control System

Network control of your mains wired heating system from your Smartphone and Tablet

Our Mains Wired Neo Network is perfect for new build and retrofit markets. Don’t worry about installing CAT5 cabling or WiFi Network coverage around the home, our Neo Network System offers a simple to install system that is expandable.

**Headline Information**

- **Connections for**
  - 8 x Zone outputs (suitable for 230v actuators)
  - 230v Output for UHF Pump and Valve control
  - Volt free Boiler Enable

- **Component Dimensions**
  - UH8 Wiring Center
    - 384 x 148 x 60mm (L,H,D)

- **Providing**
  - Wiring centre, controlling up to 8 zones
  - 8 Neo Mains Network Thermostats

- **Product List**
  - 8 Zone wiring centre
    - Part ref: Heatmiser UH8 (See page 31)
  - 7 x neoStat in Heating mode
    - 1 x neoStat in Timer mode (See page 16-17)
  - NeoHub

- **Optional Products**
  - Heatmiser Boost.neoPlug
    - Has been designed to extend the range of your Neo System, ensuring the network can reach every part of your home.

**Key Features**

- **Neo Network**
  - The Neo Network System is designed to provide reliable communication of the thermostat data whilst at the same time providing an extended communication range. Each neoStat thermostat acts as a repeater on the network, helping to eliminate range issues which are common on standard RF systems.

- **Easy Upgrade**
  - Customers with existing 230v thermostats can upgrade to the Neo Network System and take control of their system from anywhere. The neoHub gateway connects the neoStats to the internet for access via a Smartphone or Tablet both in the home and remotely from anywhere in the world.

- **Simple Connectivity**
  - The UH8 allows the connection of up to eight 230v thermostats. 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.

- **NeoStat Thermostat Flexibility**
  - The neoStat can be set to operate in heating or timer mode, allowing the installer to select on installation if the thermostat will be used to control a heating zone or a timed appliance, such as the hot water or perhaps a towel rail.

- **DIN Rail Mounting**
  - The UH8 wiring centre can be DIN Rail Mounted for simple, easy installation.

- **neoPlug Compatible**
  - The neoPlug can be used to extend the wireless coverage between the thermostat and neoHub and also the switching receiver. In addition, the power outlet can be controlled from the neoApp.

- **Radiator Zone Control**
  - A simple slide switch makes zone eight suitable for controlling a radiator zone. When used for controlling radiators, zone 8 does not enable the underfloor heating pump, valve and boiler.

- **HomeKit Compatible**
  - HomeKit and the Home app in iOS lets you securely control any “Works with Apple HomeKit” accessory. You can also organize your accessories by room, manage multiple accessories at the same time, control your home with Siri, and more.

**Neon Indication**

- Neon indicators are provided on the UH8 allowing you to see the power, valve, boiler and zone status without the need to remove the cover.

**Optional Products**

- **Heatmiser Boost/neoPlug** has been designed to extend the range of your Neo System, ensuring the network can reach every part of your home.

**Works with Apple HomeKit**
**Standard Products**

- **8 Zone Wiring Centre**  
  Part Ref: Heatmiser UH8

- **neoStat (Heat Mode)**  
  Part Ref: neoStat

- **neoStat (Timer Mode)**  
  Part Ref: neoStat

- **neoHub**  
  Part Ref: neoHub

- **Neo Central Control**  
  Part Ref: Heatmiser neoUltra
Fan Coil Network System
App Control of your Multi-Zone Fan Coil System.

Headline Information

Number of Zones
32 Zones

System Compatibility
2 Pipe System – Selectable
Heat Or Cool
2 Pipe System – Cool Only
2 Pipe System Heat or Cool
(Fans for Cooling)
4 Pipe System Heat, Cool & Auto
2 Pipe System 2 Stage Heating
& Cooling

Product List
- neoStat-HC
- neoHub
- neoApp

Optional Products
Heatmiser Boost / neoPlug
has been designed to extend
the range of your Neo System,
ensuring the network can reach
every part of your home.

Key Features

App Control - Easy Upgrade
For those with an existing fan coil thermostat,
upgrading to neoStat-HC couldn’t be easier.
Simply replace your existing thermostat with
neoStat-HC and pair to the neoHub. Now you
have app control of your fan coil system.

Neo Network
The Neo Network System is designed to
provide reliable communication of the
thermostat data whilst at the same time
providing an extended communication range.
Each neoStat-HC act as a repeater on the
network, helping to eliminate range issues
which are common on standard RF systems.

HomeKit Compatibility
HomeKit is the smart home platform from
Apple. With HomeKit you have voice control
of your fan coil system with Siri and you can
create smart home scenes and automation
rules with the free Apple Home app.

Flexible Mode Support
neoStat-HC offers an intuitive software setup
that covers the majority of fan coil system
modes, helping you to reduce the number of
SKUs you need to carry.

System-wide Mode
For 2 Pipe Systems, a system-wide switch is
provided making it extremely easy to switch
all zones between heating and cooling. This
function removes the need to manually switch
over each thermostat and ensures the correct
modes are available to the user.

System-wide Fan Control
Within the neoApp, a system wide fan control
is provided allowing the user to globally set
the required fan speed.

Geo Location
Geo Location uses the mobile phone masts,
nearby WiFi and your GPS to calculate your
position. When you leave home, Neo will
automatically run your leaving actions –
turning off your heating/cooling and saving
energy. When you arrive home, your Neo
system will run your returning actions –
ensuring you return to a comfortable home.

Simple Programming
The neoApp provides programming of each
zone on the system. In addition to zone
programming, you can also copy the program
of one zone to another and also copy between
days too.
Flexible System Modes

NeoStat-HC has been designed to support the majority of fan coil systems through our easy software setup.

What’s more, the neoApp provides intuitive control by automatically reflecting the available modes to the user.

For 2 Pipe Systems a System-Wide switch is provided that makes moving between heating & cooling extremely user friendly.

4 Pipe Heat, Cool & Auto
This mode provides independent heating & cooling control for each zone

2 Pipe Heat or Cool System
This mode provides heating or cooling as a system-wide switch in the neoApp.

2 Pipe Cooling & 2 Stage Heating
This mode provides system-wide 2 Stage Heating (Fan Coil & Floor Heating) and Fan Coil Cooling

Standard Products

neoStat (Heat Mode)
Part Ref: neoStat-HC

neohub
Part Ref: neohub

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Central Wiring Switch Boxes

Multi-zone wiring centres - Designed to make installation simple

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

The UH8-N is designed to be used in conjunction with our 12v network thermostats. The UH8-N provides central switching and is therefore ideally situated next to the underfloor heating manifold. Eight zones can be controlled as well as providing an output for a hot water cylinder. On demand from any zone, a 230v output is provided to switch the relevant zone actuators, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers. Up to six 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 UH4 can be used in conjunction with our mains thermostats. The UH4 provides central switching of up to four 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 six 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.
When used for under/floor heating, an option is available to use providing an output for hot water, system boiler and pump. The UH4 provides central switching of up to four zones 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, boiler and pump connections are wired from a single point. Our central wiring switch boxes have been designed to simplify the wiring process. Using our wiring centres in your application means that the actuator, boiler and pump can be connected to each zone. An option is provided to turn zone 8 into a zone used for under/floor heating or radiators.

The UH8 is designed to work with our four channel 230v time clock (TM4) and 230v Set back thermostat (DS-SB) but equally could be used with any 230v room thermostat. Up to eight zones can be controlled from the UH8. On board the UH8 are two heating time channels, each room thermostat. Up to eight zones can be controlled from the UH3. On board the UH3 are two heating time channels, each.

The UH8-RF is designed to be used in conjunction with our compatible wireless thermostats. The UH8-RF provides central switching and is therefore ideally situated next to the underfloor heating manifold. Eight zones can be controlled as well as providing an output for hot water control. 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 six actuators can be connected to each zone. An external aerial is available for use when the UH8-RF is being mounted in a metal cupboard or when the wireless signal is restricted. A software option in the thermostat allows you to configure which zones are underfloor heating and which zones are radiators.
Compact Wiring Centre

The UH6 is our all new compact 6 zone 230v wiring centre compatible with our 230v thermostats. The UH6 has been designed with size in mind and so is the perfect choice when space is at a premium.

**6 Zones**
Up to 6 zones can be wired into the UH6 with each zone having the ability to accept 4 actuators. LEDs indicate the output status at a glance for each zone as well as the Heat and Pump outputs.

**Heat & Pump Output**
The UH6 provides a volt free switch for the heat output and 230v connection for the pump. As with the other connections on the UH6, these connections are made with quick clamp terminals.

**Heat and Pump Delay Function**
On installation, a Pump Delay of 0-3 minutes can be set and is used to give the zone actuators time to fully open when there is a demand for heat. In addition to the Pump Delay, the UH6 also gives the option to enable the same delay time on the Heat Output.

**Creepage Function**
During warmer months, heating systems aren’t frequently used and this in turn can cause heating pumps to seize. The UH6 creepage function operates the pump for 1 minute per day when there hasn’t been a call in the previous 24 hours. This function does not activate the Heat Output.

**Easy Installation**
The UH6 has been designed with ease of installation in mind. The cable grips and quick clamp terminals mean you will have the UH6 wired in no time at all.

**Simple Engineer Setup**
Engineer DIP switches are provided on the UH6, allowing the installation engineer to select the desired Heat & Pump delay times.
**Radiator Zone**
The UH6 offers control of a single radiator zone. When this function is activated, the Heat/Pump outputs are not enabled when there is a demand for heating on Zone 6.

**Actuator Outputs**
The UH6 allows for up to 4 actuators to be wired on each zone.

**Time Clock Input**
When basic control is required, the UH6 can be used with a Master Time clock and our DS-SB v3 Thermostat. In this system, the zone will control to its individual set temperature when the time clock is on, and will automatically reduce the temperature by 4 °C when the time clock is off.

**Compact Size**
The UH6 is perfect for installations where space is at a premium. At just 265mm in length, the UH6 will fit inside most manifold enclosures. In addition, the UH6 can be installed on a standard DIN rail.
Accessories

A range of accessories compatible with the Heatmiser products.

.neoPlug
The Heatmiser neoPlug is a smart plug and wireless repeater for the RF and Neo System. Switching times can be programmed into the neoPlug or you can control the output manually via the neoPlug or from anywhere using the neoApp. The neoPlug is great for controlling lamps and because neoHub works with IFTTT, the neoPlug can turn on and off based on sunrise and sunset conditions.

Wireless Air sensor
The Wireless Air Sensors work with our Edge & Touch series to provide temperature monitoring, or for those using in conjunction with the built-in air sensor, temperature averaging facility.

Thimble Air Sensor
The Thimble sensor provides discrete temperature monitoring and is compatible with all Heatmiser Thermostats with a remote air sensor connection.

.neoStat/neoAir Wall Plate
The neoStat/neoAir wall plate is perfect for those looking to upgrade to Neo but not wishing to redecorate at this time. The wall plate is 110x100x6mm.

TA230 Thermal Actuator
- 230 powered
- 2 wire Normally Closed
- M30 Thread

Remote Air / Floor Probe
The remote air/floor probe is supplied with all of our electric floor heating thermostats but can also be used with selected other models to provide floor temperature limiting or remote air temperature monitoring.
**Wireless Door & Window Door Contact Switch**
The Door/Window Switch works with the Edge & Touch series and provides an easy way to save energy. When paired with the Edge or Touch, the heating will switch off whenever the door/window is opened.

**Heatmiser neoAir Stand**
The neoAir Stand is perfect for those not wanting to install the neoAir on the wall. The neoAir Stand is perfectly balanced and angled to provide easy viewing of the thermostat display.

**Heatmiser Boost**
The Heatmiser Boost is our surface mount 230v powered wireless repeater for the RF and Neo System, designed to extend the communication distance between the thermostat and receiver.

**Remote Sensor Enclosure**
The remote sensor enclosure can be used to hide the remote air sensor probe. Size: 80x80x20mm