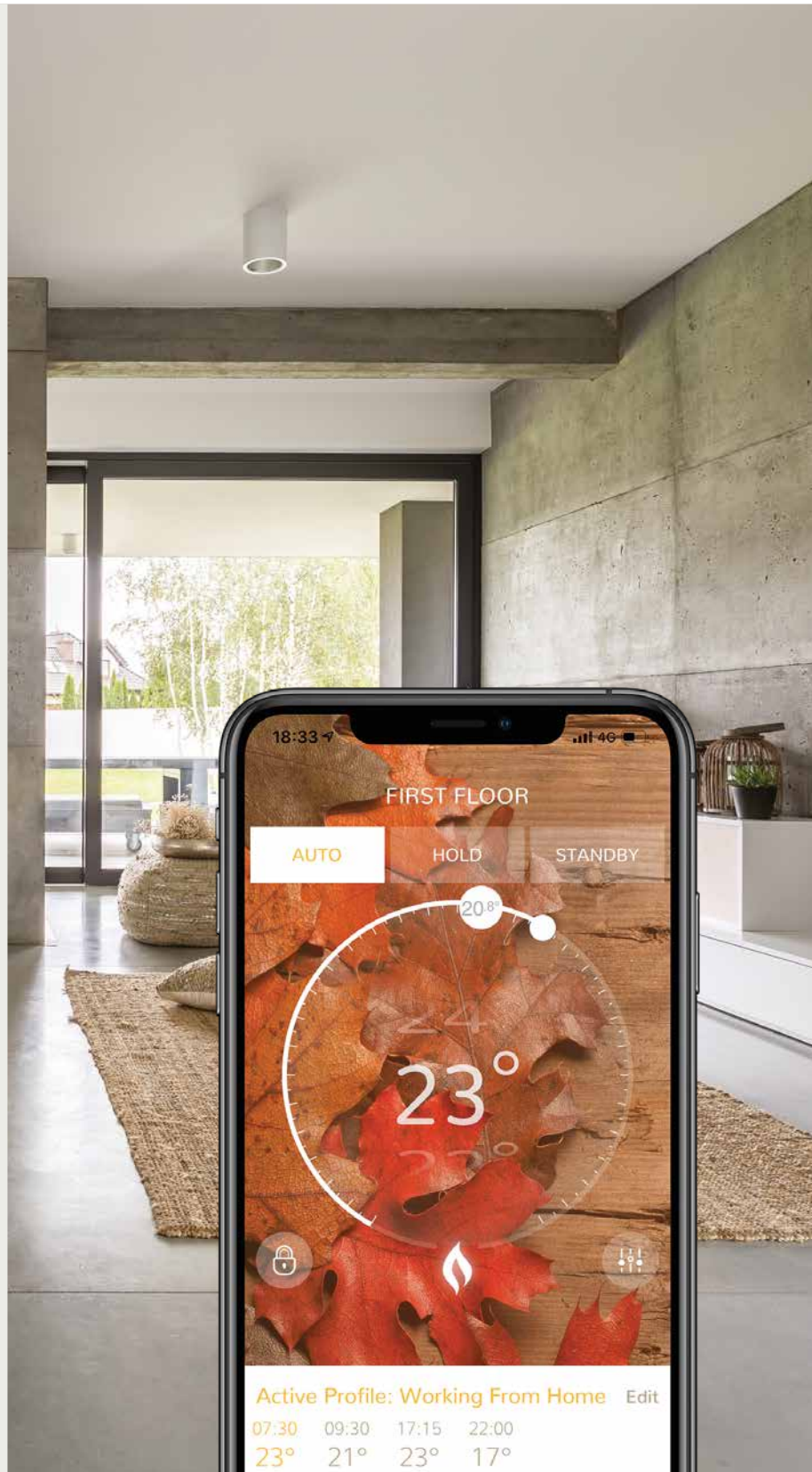


heatmiser®





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
05-35°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.

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.

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.

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.

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.

Digital Display
The DS1-L v2 incorporates a digital LCD that displays the current room temperature.

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.



FEATURES

	DS1 v2	DS1-L v2	DS-SB v3
Temperature Range	05-35 °C	05-35 °C	05-35 °C
Mounting Type	Surface	Flush	Flush
Set Back Function	N	N	Y
Digital Display	N	Y	N
Time Clock Override Switch	N	N	Y
Built In Air Sensor	Y	Y	Y
Remote Air Sensor Connection	Y	Y	Y
Adjustable Switching Differential	Y	Y	Y
Accuracy	+/- 1.5°C	+/- 1.5°C	+/- 1.5°C
Dimensions	92x92x26mm	92x92x14mm	92x92x14mm
Max Switching Current	3A	3A	3A
Supply	230VAC	230VAC	230VAC
Weight	150g	150g	150g



DS1 v2 Surface Mount Dial Thermostat.



DS1-L v2 Dial Thermostat with Digital LCD



DS-SB v3 Dial Thermostat with Set Back Function



Slimline Thermostats

Models for Conventional and Floor Heating Systems

The standard Slimline model caters for 230v systems and is compatible with our UH4, UH6 and UH8 wiring centres whereas the Slimline-e is designed for electric floor heating and is supplied with a 3M remote floor sensor. The Slimline-B is our battery model suitable for 2 wire systems.

Headline Information

Mounting Type
Flush mounting

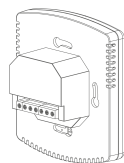
Temperature Range
05-35°C
41-95°F

Lock Facility
Yes - All models

Indication Type
LCD with White Back Light

Dimensions
86x99x40mm (L,H,D)
(15mm Installed Depth)

E.U. Back Box



Product Ranges

230v

230v Model
Can be used to upgrade existing thermostats and can be used in conjunction with our UH4, UH6 and UH8 wiring centres.



Battery Model
The Slimline-B is our battery powered thermostat, suitable for two wire systems.

EFM

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.



Key Features



Modern Slimline Appearance
The Slimline and Slimline-e are flush mounting, resulting in a depth of only 15mm after installation.



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.



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.



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.



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.



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

230V

BATTERY

ELECTRIC FLOOR MODEL

Slimline

Slimline-B

Slimline-E

Temperature Range

05-35 °C
41-95 °F

05-35 °C
41-95 °F

05-35 °C
41-95 °F

White Back Lit Screen

Y

Y

Y

Heating or Timer Mode

Y

N

Y

5/2 Day Programming Mode

Y

Y

Y

7 Day Programming Mode

Y

Y

Y

24 Hour Programming Mode

Y

N

Y

Number of Heating Levels

4

4

4

Optimum Start

Y

Y

Y

Number of HW Times

N

N

N

Holiday Function

Y

Y

Y

Keylock Function

Y

Y

Y

Temperature Hold Function

Y

Y

Y

Temperature Override

Y

Y

Y

Temperature Override Limit

Y

Y

Y

Frost Protection

Y

Y

Y

°C / °F Option

Y

Y

Y

Remote Air Sensor Connection

Y

N

Y

Remote Air Sensor Included

N

N

N

Built In Air Sensor

Y

Y

Y

Floor Sensing Mode

N

N

Y

Floor Sensor Included

N

N

Y

Max Switching Current

3A

NA

16A

Accuracy

+/-1 °C

+/-1 °C

+/-1 °C

Adjustable Switching Differential

Y

Y

Y

Supply

230VAC

2 x AAA

230VAC

Installed Dimensions

86x99x15mm(L,H,D)

86x99x24mm(L,H,D)

86x99x15mm(L,H,D)



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 2 metre 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 metre cable which can be extended to 20 metres 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-hc and edge-hc Modbus cater for fan coil heating systems.

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
(14mm Installed Depth)

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.

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.

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)

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.

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.

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.

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.

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.

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.



FEATURES

230V

Edge

Heating and Cooling	N
Heating Temp Range	05-35°C 41-95°F
Cooling Temp Range	NA
White Backlight	Y
Heating Only	Y
Timer Only	Y
Fan Speed Control	N
Non Programmable	Y
24 hour Programming	Y
5/2 Day Programming	Y
7 Day Programming	Y
Number of Heating Levels	4 or 6
Number of Timer Levels	4
Optimum Start	Y
Holiday Function	Y
Temperature Hold Function	Y
Temperature Override	Y
Override Limit	Y
Frost Protection	Y
Modbus Connectivity	Y
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	90x90x14mm
Key Card Input Override	N

FAN COIL SYSTEMS

Edge-HC

Y
05-35°C 41-95°F
18-35°C - 64-95°F
Y
Y
N
Y
Y
Y
Y
Y
4 or 6
NA
Y
Y
Y
Y
Y
N
N
Y
N
N
3A
+/-1°C
Y
230V AC
90x90x14mm
Y

Edge HC Modbus

Y
05-35°C 41-95°F
18-35°C - 64-95°F
Y
Y
N
Y
Y
Y
Y
Y
4 or 6
NA
Y
Y
Y
Y
Y
N
N
Y
N
N
3A
+/-1°C
Y
230V AC
90x90x14mm
N



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.

Headline Information

Mounting Type
Flush mounting

Temperature Range
05-35°C
41-95°F

Lock Facility
Yes - All models

Adjustable Switching Differential
0.5-3°C

Dimensions
107x86x42mm (L,H,D)
(15mm Installed Depth)

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.



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.



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.



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.



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.



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.



Touch Carbon



Touch



neoUltra



FEATURES

TOUCH SERIES

NEO

	Touch	Touch-e	Touch Carbon	Touch-e Carbon	neoUltra
Heating Temp Range	05-35°C 41-95°F	05-35°C 41-95°F	05-35°C 41-95°F	05-35°C 41-95°F	05-35°C 41-95°F
White Backlight	Y	Y	N	N	N
Negative LCD	N	N	Y	Y	N
Full Colour TFT LCD	N	N	N	N	Y
Heating & Timer Mode	Y	Y	Y	Y	Y
Non Programmable Mode	Y	Y	Y	Y	Y
24 Hour Programming	Y	Y	Y	Y	Y
5/2 Day Programming	Y	Y	Y	Y	Y
7 Day Programming	Y	Y	Y	Y	Y
Number of Heating Levels	4 or 6	4 or 6	4 or 6	4 or 6	4 or 6
Number of Hot Water Levels	4	4	4	4	4
Optimum Start	Y	Y	Y	Y	Y
Holiday Feature	Y	Y	Y	Y	Y
Temperature Hold Function	Y	Y	Y	Y	Y
Temperature Override	Y	Y	Y	Y	Y
Override Limit	Y	Y	Y	Y	Y
Frost Protection	Y	Y	Y	Y	Y
Modbus Connectivity	Y	Y	Y	Y	N
Central Control of Neo System	N	N	N	N	Y
C/F Option	Y	Y	Y	Y	Y
Wireless Air Sensor	Y	Y	Y	Y	N
Wireless Door Contact	Y	Y	Y	Y	N
Built in Air Sensor	Y	Y	Y	Y	Y
Floor Sensing Mode	Y	Y	Y	Y	Y
Floor Sensor Included	N	Y	Y	Y	N
Max Switching Current	3A	16A	3A	16A	3A
Accuracy	+/-1°C	+/-1°C	+/-1°C	+/-1°C	+/-1°C
Adjustable Switching Differential	Y	Y	Y	Y	Y
Supply	230V AC	230V AC	230V AC	230V AC	230V AC
Installed Dimensions	107x86x15mm	107x86x15mm	107x86x15mm	107x86x15mm	107x89x17mm

Optional Accessories - (Compatible with the Touch series only)



Thimble Sensor



Remote Sensor Probe



Wireless Air Sensor



Wireless Door & Window Contact Switch



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:
85x98x24mm (L,H,D)
90x90x23mm (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 v2 / v2-M models has an optional stand enabling you to move the thermostat around the house with you.



Key Lock Function

A simple way to reduce tampering of the system settings, and standard across our wireless thermostat series.



App Control

Up to 32 neoAir v2 / v2-M or a mixture of neoAir v2 / v2-M and neoStat can be paired to a neoHub to offer local and remote control of the multi zone heating system. 2 neoAir v2-M can be paired to the neoHub Mini – the ideal solution for smaller systems. (See page 19 for more details)



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.



Compatible Receivers

Our Wireless thermostats are compatible with our 2 channel RF-Switch and 8 zone UH8-RF wireless receivers. The neoAir v2-M is compatible with the all new neoHub Mini, our 2 zone WiFi control solution.



Replaceable Batteries

The Slimline RF and neoAir v2 / v2-M use standard AAA batteries.



Slimline RF



neoAir v2



neoAir v2-M



FEATURES	Slimline-RF	neoAir v2	neoAir v2-M
Compatible Receivers			
RF Switch	Y	Y	Y
UH8-RF	Y	Y	Y
neoHub Mini	N	N	Y
App Control	N	Y	Y
Operating Type	Button	Touch Key	Touch Key
Temperature Range	05-35 °C - 41-95 °F	05-35 °C - 41-95 °F	05-35 °C - 41-95 °F
Heating Only Mode (Selectable by User)	Y	Y	Y
Timer Only Mode	N	Y	Y
Heating & Hot Water Mode (Selectable by User)	Y	Y	Y
Non Programmable Mode	Y	Y	Y
5/2 Day Programming Mode	Y	Y	Y
7 Day Programming Mode	Y	Y	Y
Number of Heating Levels	4	4	4
Optimum Start	Y	Y	Y
Number of HW Times	4	4	4
Holiday Function	Y	Y	Y
Keylock Function	Y	Y	Y
Temperature Hold	Y	Y	Y
Temperature Override	Y	Y	Y
Frost Protection	Y	Y	Y
C/F Function	Y	Y	Y
Built in Air Sensor	Y	Y	Y
Remote Air Sensor Connection	Y	Y	Y
Accuracy	+/-1°C	+/-1°C	+/-1°C
Adjustable Switching Differential	Y	Y	Y
Wireless Fail Safe Function	Y	Y	Y
RF Frequency	868MhZ	868MhZ	868MhZ
RF Range (UH8-RF/RF Switch)	Up to 100M	Up to 100M	Up to 100M
App Data Range	N/A	Up to 30M	Up to 30M
Power	2 X AAA	4 X AAA	4 X AAA
Battery Lifetime	1 Year	1 Year	1 Year
USB Power Lead Included	N	N	N
Mounting Type	Wall	Wall/Stand	Wall/Stand
Dimensions	85 x 98 x 24mm	90 x 90 x 23mm	90 x 90 x 23mm



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

Boost V2

UH8-RF

Surface Mounting

Indication Type

LED

Dimensions

RF Switch / Boost / Boost V2

108x90x24mm (L,H,D)

UH8-RF:

384x148x60mm (L,H,D)

Compatibility

Button Wireless Thermostat

Part Ref:

Slimline-RF

App Wireless Thermostat

Part Ref:

neoAir V2

neoAir V2-M



Compatible Receivers

RF-Switch

UH8-RF

neoHub

neoHub Mini

Heatmiser RF Switch

The Heatmiser RF Switch is our surface mount 2 channel RF Receiver compatible with the Slimline-RF and neoAir V2/V2-M Thermostats.

A single Slimline-RF or neoAir V2/V2-M in Heating Only mode or a single Slimline-RF or neoAir V2/V2-M 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.



8 Zone Wiring Centre
Part Ref: Heatmiser UH8-RF

Heatmiser Boost/Boost V2

The Heatmiser Boost and Boost V2 are our surface mount 230v powered wireless repeaters for the RF and Neo systems, designed to extend the communication distance between the thermostat and receiver. The Boost V2 is required for neoHub Mini systems, see compatibility table below.

Boost

Boost V2

Y

Y

Y

N

Y

Y

Y

Y



FEATURES

RF-Switch

UH8-RF

Mounting Type
Compatible with
Number of Channel
Fail Safe
Power
Rating
Optional Extendable Aerial
Operating Frequency
Range(Open Space)
Pump Output
Zone, HW & Pump Output Test Mode
Boiler Enable
HW Cylinder Thermostat Connection
Per Zone UFH / Radiator Selection

Surface
Slimline-RF / neoAir v2 / neoAir v2-M
2
Y
230V AC
3A
N
868MHz
100M
N
N
Y
N
N

Surface
Slimline-RF / neoAir v2 / neoAir v2-M
8
Y
230V AC
3A
Y
868Mhz
100M
Y
Y
Y
Y

Wireless Wiring Centre



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, neoAir v2 and neoAir v2-M 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.



neoStat

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 v2 / v2-M.



Headline Information



Key Features

Mounting Type

neoStat Flush Mounting
neoAir Surface/Desk Stand

Temperature Range

05-35°C
41-95°F

Lock Facility

Yes - All models

Indication Type

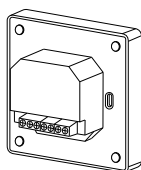
LCD with Back Light

Dimensions

neoStat 85x85x37mm (L,H,D)
(12mm Installed Depth)
neoAir v2 / v2-M 90x90x23mm

E.U. Back Box

neoStat Only



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.



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.



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.



Soft Touch Operation

Modern touch sensitive keys provide a clean smooth interface, adding further to the premium feel of the neoStat series.



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 v2 / v2-M are powered by 4 AAA batteries and provide a totally wire free solution. Both units communicate with the UH8-RF and RF Switch receivers and can be paired to the neoHub when app control is required. The neoAir v2-M is also compatible with the all new neoHub Mini, our 2 zone WIFI control solution. (See page 19 for more details)



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.



FEATURES	STANDARD MODELS		ELECTRIC FLOOR MODEL	BATTERY MODELS	
	neoStat	neoStat-hw	neoStat-e	neoAir v2	neoAir v2-M
neoHub Compatibility	Y	Y	Y	Y	Y
neoHub Mini Compatibility	N	N	N	N	Y
Thermostat Mode	Y	Y	Y	Y	Y
Timer Mode	Y	Y	Y	Y	Y
Heating & Timer Mode	N	N	N	Y	Y
Temperature Range	05-35 °C 41-95 °F	N/A	05-35 °C 41-95 °F	05-35 °C 41-95 °F	05-35 °C 41-95 °F
Back Lit Screen	Y	Y	Y	Y	Y
Non-Programmable Mode	Y	N	Y	Y	Y
5/2 Day Programming Mode	Y	Y	Y	Y	Y
7 Day Programming Mode	Y	Y	Y	Y	Y
24 Hour Programming Mode	Y	Y	Y	Y	Y
Number of Heating Levels	4	N/A	4	4	4
Optimum Start	Y	N	Y	Y	Y
Number of HW Times	0	4	0	4	4
Holiday Function	Y	Y	Y	Y	Y
Temperature Hold Function	Y	N	Y	Y	Y
Temperature Override	Y	N	Y	Y	Y
Temperature Override Limit	Y	N	Y	Y	Y
Frost Protection	Y	N	Y	Y	Y
App Control	Y	Y	Y	Y	Y
°C / °F Option	Y	N	Y	Y	Y
Remote Air Sensor Connection	Y	N	Y	Y	Y
Built In Air Sensor	Y	N	Y	Y	Y
Floor Sensing Mode	Y	N	Y	Y	Y
Floor Sensor Included	N	N	Y	N	N
Max Switching Current	3A	3A	16A	N/A	N/A
Accuracy	+/- 1°C	N/A	+/- 1°C	+/- 1°C	+/- 1°C
Adjustable Switching Differential	+/- 1-3°C	N/A	1-3°C	+/- 1-3°C	+/- 1-3°C
Supply	230VAC	230VAC	230VAC	4 x AAA	4 x AAA
Output	Volt Free Contact	Changeover	230VAC	N/A	N/A
Installed Dimensions	85x85x12mm (L,H,D)		85x85x12mm (L,H,D)	90x90x23mm (L,H,D)	90x90x23mm (L,H,D)
Wireless Switching to UH8-RF / RF Switch	N	N	N	Y	Y

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 2 metre 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 metre cable which can be extended to 20 metres if required.



Stat-HC

Smart Fan Coil Thermostat

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
41-95°F

Lock Facility
Yes

Indication Type
LCD with White Backlight

Dimensions
neoStat-HC 85x85x37mm
(12mm Installed Depth)

Key Features

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

 **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.

 **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.

 **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.



Illuminated Touch Keys

The neoStat-HC has illuminated touch keys with proximity sensor making the neoStat-HC easy to program in dark locations.



White Back Light

The neoStat-HC incorporates a cool white backlight that automatically switches off after 30s of inactivity.



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.



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.

FEATURES	neoStat HC	neoStat HC1
2 Pipe System - Heat or Cool Mode	Y	Y
2 Pipe System - Cool Only	Y	Y
2 Pipe System - 2 Stage Heating and 1 Stage Cooling	Y	Y
4 Pipe System - Heat, Cool, Auto	Y	Y
0v - 10v Fan Control	N	Y
Fan Speed Control (Auto, Low, Med, High)	Y	N
Temperature Range	05-35°C 41-95°F	05-35°C 41-95°F
Back Lit LCD	Y	Y
Non Programmable Mode	Y	Y
5/2 Day Programming Mode	Y	Y
7 Day Programming Mode	Y	Y
24 Hour Programming Mode	Y	Y
Number of Levels	4 or 6	4 or 6
Illuminated Touch Keys	Y	Y
Temperature Hold Function	Y	Y
Holiday Function	Y	Y
Temperature Override	Y	Y
°C/°F Function	Y	Y
App Control (with neoHub)	Y	Y
Built in Air Sensor	Y	Y
Max Switching Current	3A (Resistive)	3A (Resistive)
Adjustable Deadband	Y	Y
Adjustable Differential	Y	Y
Accuracy	+/-1°C	+/-1°C
Supply	230v AC	230v AC
Output	230v AC	230v AC & 0-10v Fan
Installed Dimensions	85x85x12mm (L,H,D)	85x85x12mm (L,H,D)



4 Zone Time Clock

Simple to use Touchscreen Time Clock

Headline Information

Mounting Type

Flush Mounting

Lock Facility

Yes

Indication Type

LCD with White Backlight

Dimensions

107x86x42mm (L,H,D)

(15mm Installed Depth)

Key Features



Number of Zones

Up to 4 zones can be controlled on the TM4.



On/Off/Constant

A mode select button providing an easy method of switching between permanent on, permanent off or auto (time clock mode) is available.



Zone Copy Function

The TM4 has a copy function, enabling you to copy switching times from one zone to another.



Number of Switching Times

4 On/Off times are provided on the TM4, allowing for flexible control of your heating system.



+Boost

This programmable function allows you to extend the program time, in 0 minute increments - ideal for unscheduled operation of the system.



Holiday

The TM4 provides an easy way to turn off the timer for a number of days whilst you are away on holiday. On your return, the timer will automatically return to its programmed schedule.

FEATURES

TM4-V2

FEATURES	TM4-V2
Back Lit Screen	Touchscreen
Keypad/TouchScreen	Y
Number of Zones	4
5/2 Day Programming Mode	Y
7 Day Programming Mode	Y
Number of Switching Times	4
+ Boost Facility	Y
Auto/Off/Constant Facility	Y
Copy Facility	Y
Countdown Timer Function	N
Holiday Function	Y
Keylock Function	Y
Manual Override	Y
Networking Facility	N
Max Switching Current	3A
Changeover Output Option	N
Supply	230VAC





neoHub Mini



OpenTherm App Control System

Two models are available in the neoHub Mini series. neoHub Mini HW offers control of two on/off heating zones and one hot water cylinder whereas the neoHub Mini OT offers on/off and OpenTherm control of two heating zones.



Multi Mode Smart Thermostat

neoHub Mini works with the neoAir v2-M Smart Thermostat. The neoAir v2-M incorporates soft touch keys, a white backlight and can be wall or desk mounted for true flexibility.



Smart Profiles

The neoApp allows you to program 4 heating profiles that are stored in the neoHub Mini for future use. Once selected, any zone using a profile will be updated automatically whenever the profile is changed.



Geolocation

Geolocation 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 on your return.



OpenTherm Boiler Modulation

By connecting the neoHub Mini OT to an OpenTherm Compatible boiler, customers can benefit from an extremely energy efficient heating system. neoHub Mini OT will automatically control the boiler flow temperature to match the load required.



Smart Home Compatible

neoHub Mini is compatible with Alexa and Google Home, giving you voice control of your heating system.

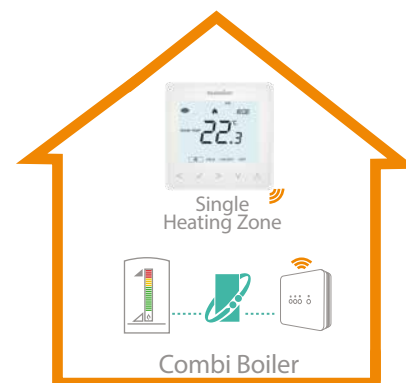
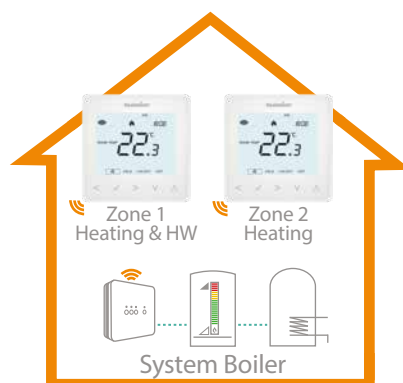


Free Software Updates

Ensuring your Neo system is always up to date, the neoHub Mini will periodically download updates and apply new features and patches to the connected devices.



Mini System Components



neoAir v2-M
Wireless Thermostat



neoHub Mini HW
2 Zone + HW Control



neoHub Mini OT
2 Zone with OpenTherm



neo 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.

HEATING



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.



FAN COIL



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.



neoHub



neoStat



neoHC



neoAir



neoUltra



neoUltra – Central Control

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.

Headline Information

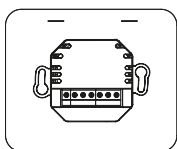
Mounting Type
neoUltra – Flush Mounting

Temperature Range
05-35C
41-95F

Lock Facility
Yes

Indication Type
TFT LCD with Backlight

Dimensions
107x89x47mm
(17mm Installed Depth)



Key Features



Thermostat & Central Control

The Heatmiser neoUltra is a thermostat and central control in one, making the neoUltra 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 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.

Features	neoUltra
Thermostat Mode	Y
Timer Mode	Y
Temperature Range	05-35C / 41-95F
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





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.

Headline Information

Connections for

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

Component Dimensions

Wiring Centre
384 x 148 x 60mm (L,H,D)
Time Clock
107x86x15mm (L,H,D)
Set Back Thermostat
92 x 92 x 14mm (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 18)
Set Back Thermostat
Part Ref: Heatmiser DS-SB
(See page 03)

Key Features



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.*



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.



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.



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.



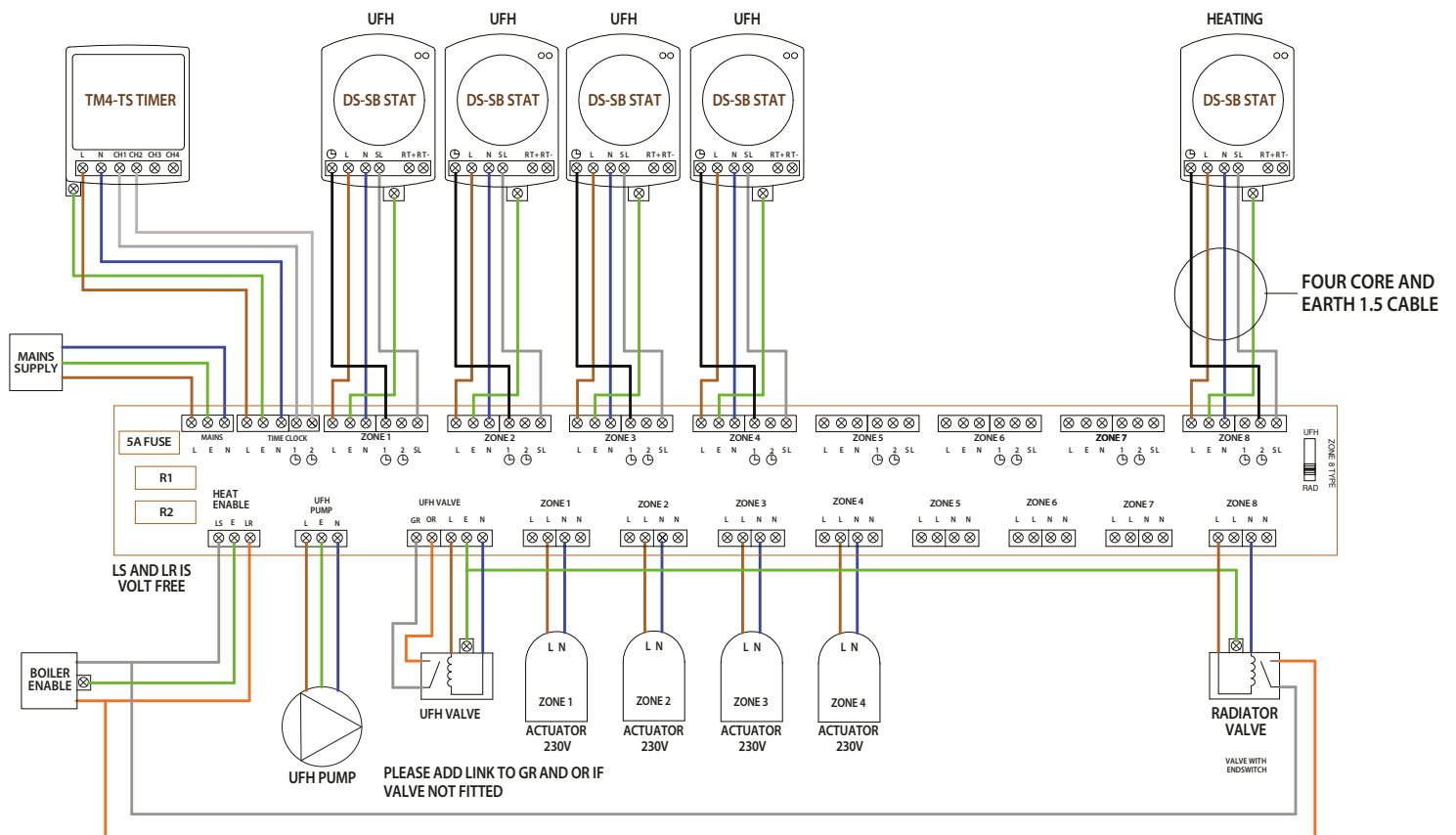
Simple Connectivity

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.



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-V2



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 31)

Compatible wireless thermostats

Example:
neoAir V2 / V2-M Wireless Thermostat
Part Ref: neoAir v2 / neoAir v2-M

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 v2 / v2-M can be controlled from the neoApp – available on Windows, iOS and Android. Up to 32 neoAir v2 / v2-M 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.

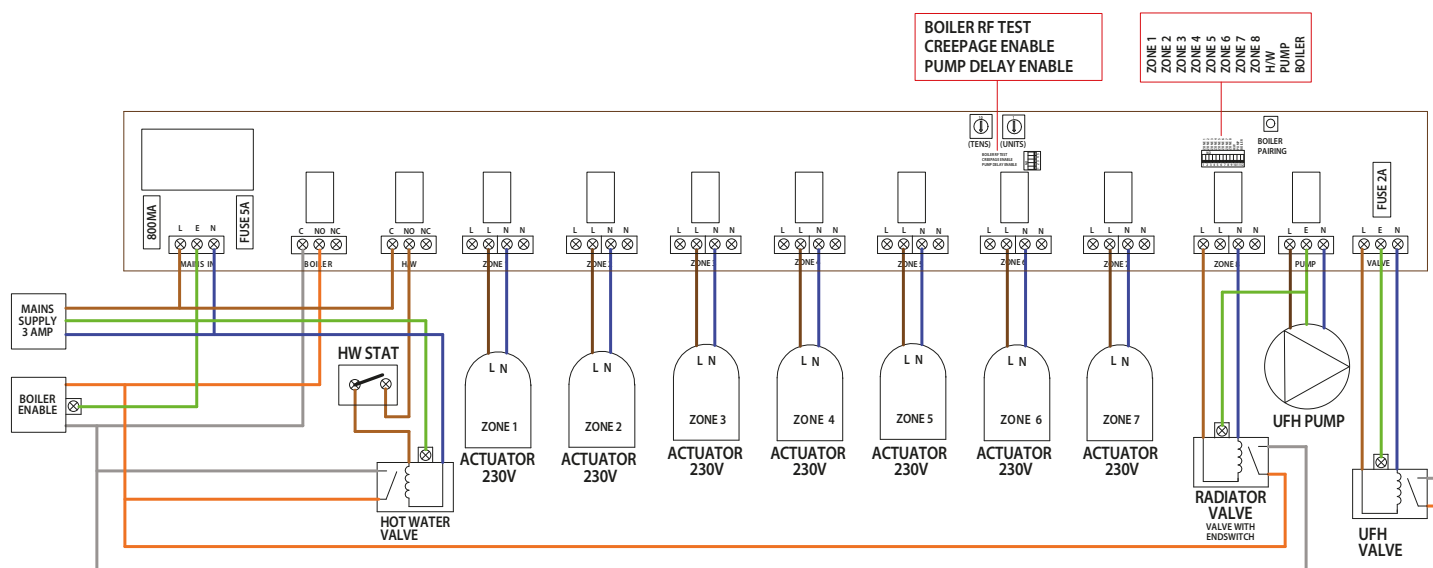
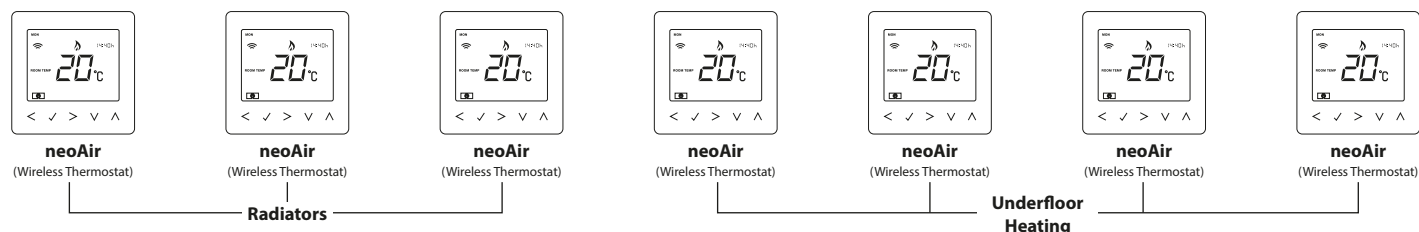


HomeKit Compatible

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.



Works with
Apple HomeKit



Standard Products



8 Zone Wiring Centre
Part Ref: Heatmiser UH8-RF



neoAir v2 / v2-M
Glacier White



Optional Desk Stand



neoHub
Part Ref: neoHub



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.



Radiator Zone Control

A simple slide switch make's 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.



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



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

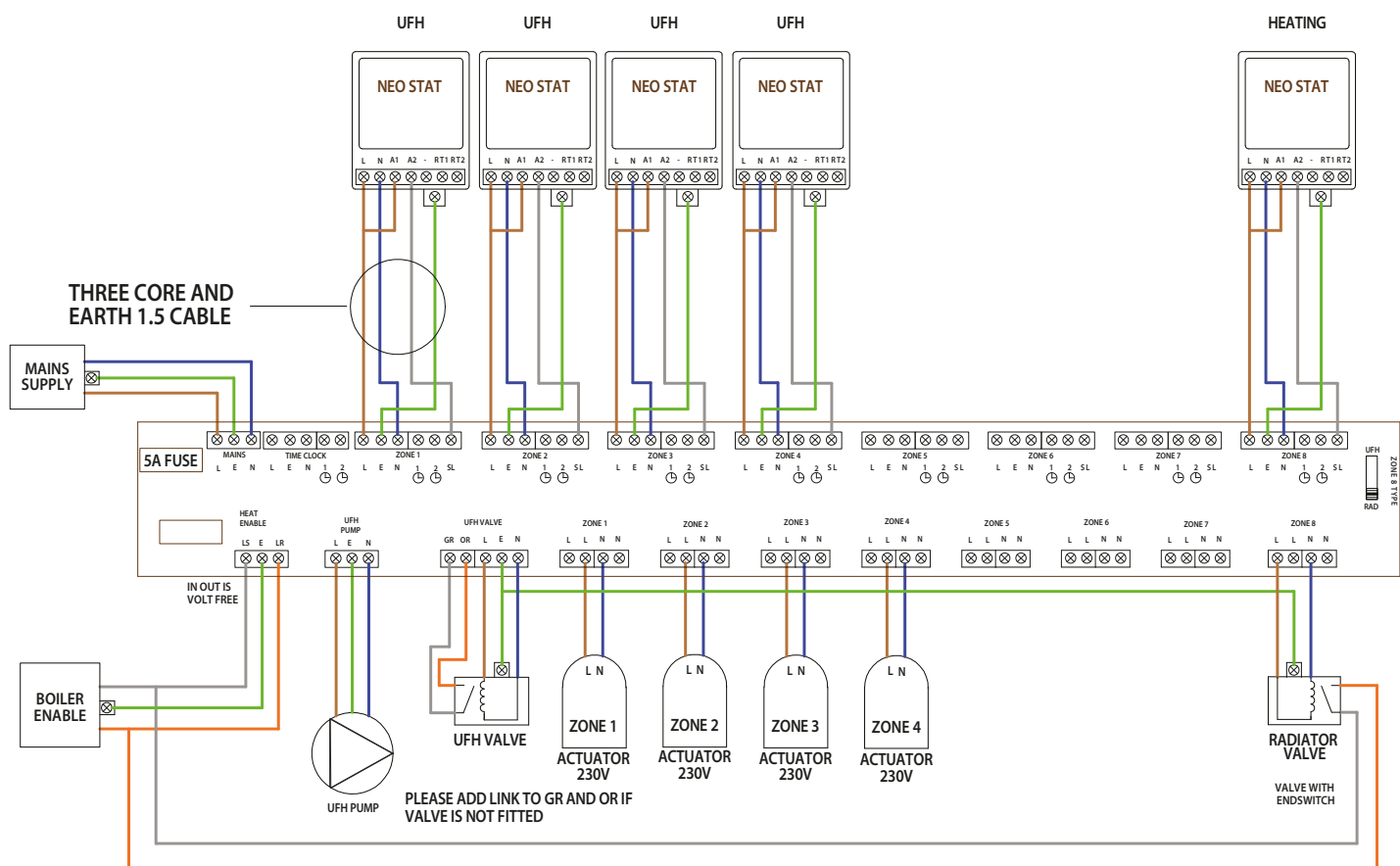
The neoPlug can be used to extend the wireless coverage between the thermostat and neoHub and also the switching receiver. In addition, the power outlet can be controlled from the neoApp.



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.





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.



Works with
Apple HomeKit



Flexible System Modes

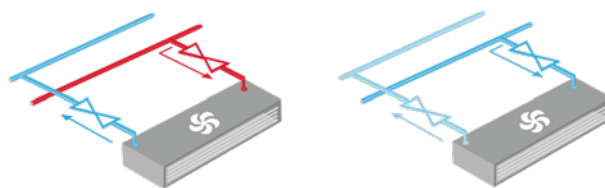
NeoStat-HC has been designed to support the majority of fan coil systems through our easy software setup.

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.

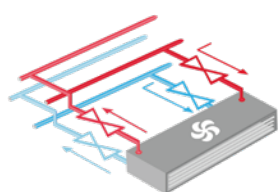
2 Pipe Heat or Cool System

This mode provides heating or cooling as a system-wide switch in the neoApp.



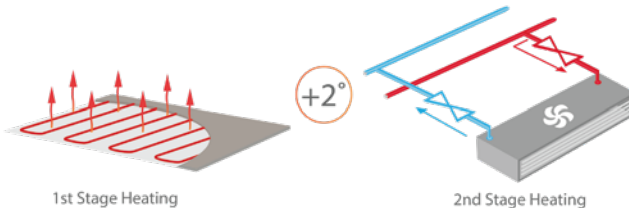
4 Pipe Heat, Cool & Auto

This mode provides independent heating & cooling control for each zone



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 HC
Part Ref: neoStat-HC



neoHub
Part Ref: neoHub





Central Wiring Switch Boxes

Multi-zone wiring centres - Designed to make installation simple

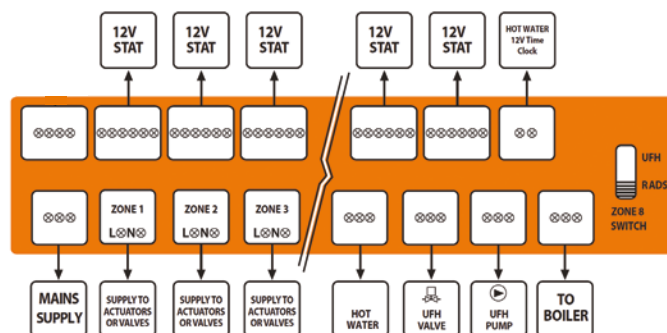
Our central wiring switch boxes have been designed to simplify the wiring process. Using our wiring centres in your application means that the actuator, boiler and pump connections are wired from a single point.



12v

12v 8 Zone Wiring Centre
Part Ref: Heatmiser UH8-N

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.



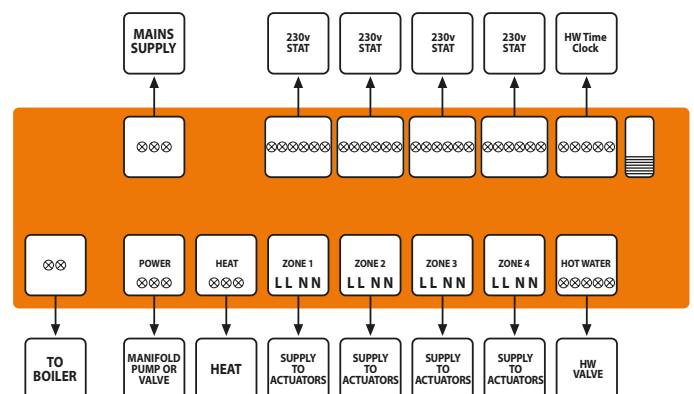
Heatmiser UH8-N



230v

230v 4 Zone Wiring Centre
Part Ref: Heatmiser UH4

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.



Heatmiser UH4



230v

230v 8 Zone Wiring Centre

Part Ref: Heatmiser UH8

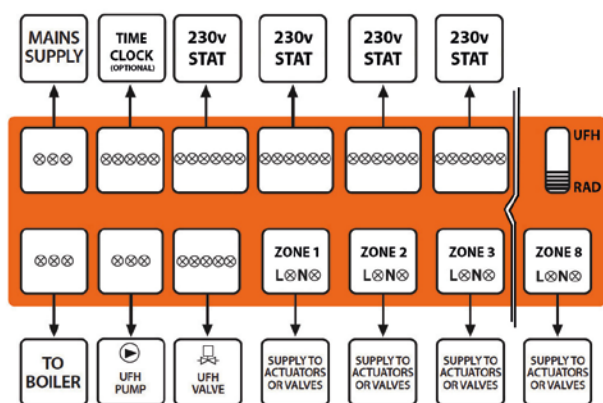
The UH8 is designed to work with our four channel 230v time clock (TM4) and 230v Set back thermostat (DS-SB) but equally could be used with any 230v room thermostat. Up to eight zones can be controlled from the UH8. On board the UH8 are two heating time channels, each zone allows you to specify which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

230v

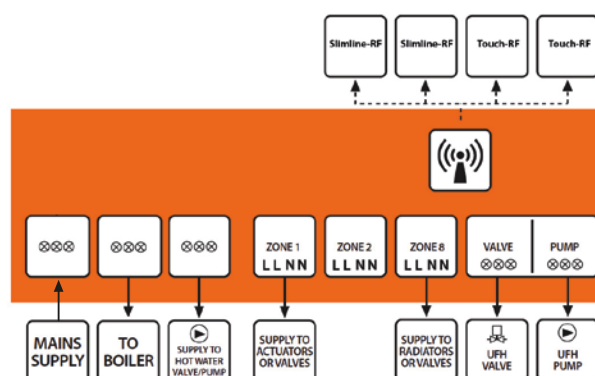
Wireless 230v 8 Zone Wiring Centre

Part Ref: Heatmiser UH8-RF

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.



Heatmiser UH8



Heatmiser UH8-RF

UH8-RF is not suitable for use in Australia.



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.



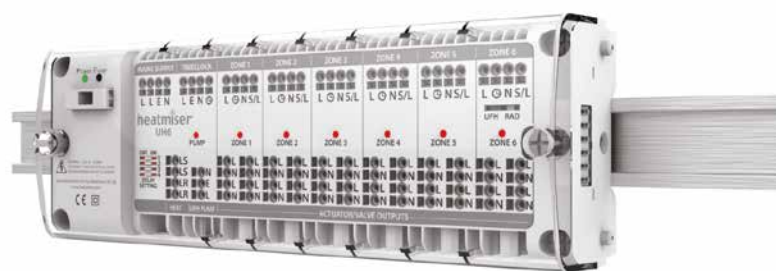
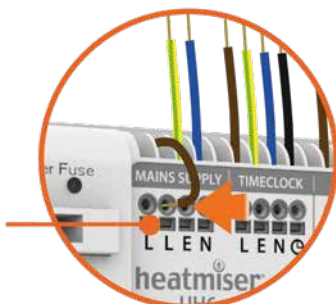
Easy Installation

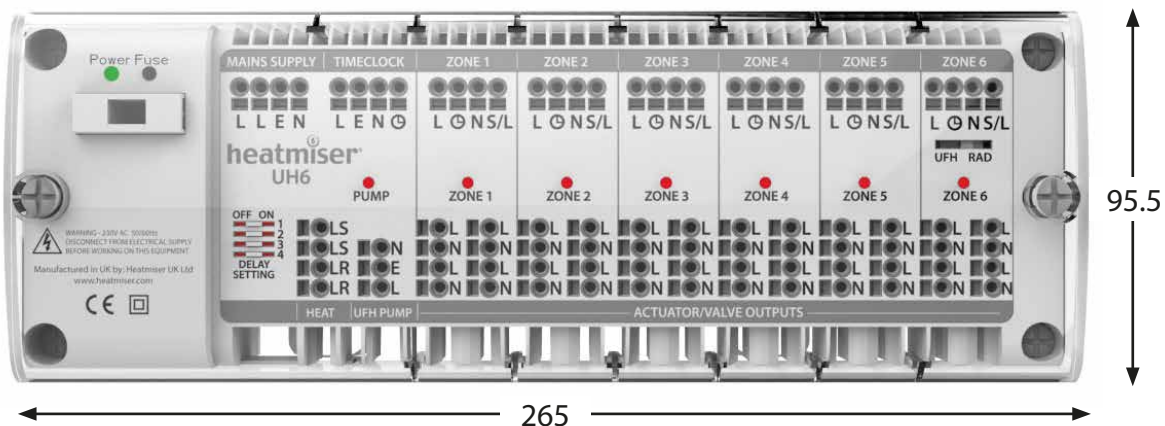
The UH6 has been designed with ease of installation in mind. The cable grips and quick clamp terminals mean you will have the UH6 wired in no time at all.



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.



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 timeclock is off.



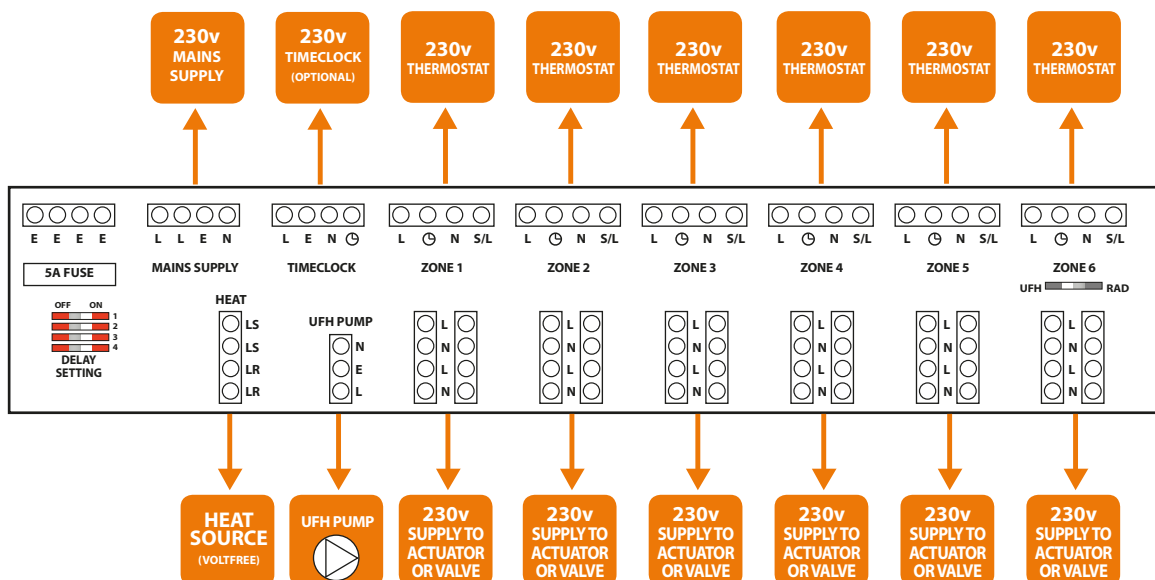
Actuator Outputs

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



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 to be installed on a standard DIN rail.



Accessories

A range of accessories compatible with the Heatmiser products.

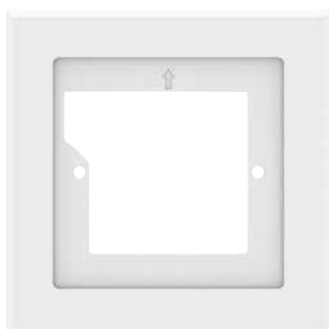


neoPlug

The Heatmiser neoPlug is a smart plug and wireless repeater for the RF and Neo System, (excluding the neoHub Mini 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.



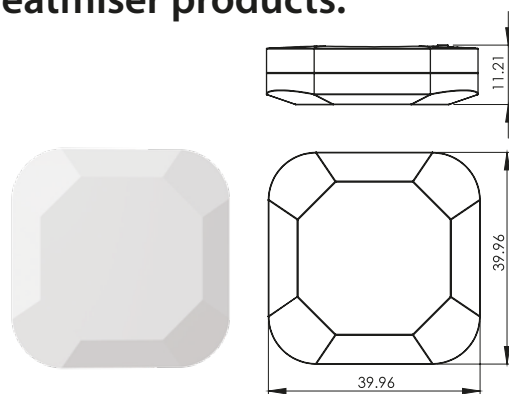
neoStat/neoAir Wall Plate

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

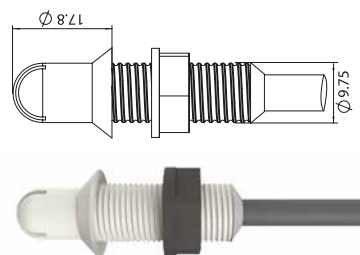
- 230 powered
- 2 wire Normally Closed
- M30 Thread



Wireless Air sensor

The Wireless Air Sensors work with our Touch, Edge and Neo system and can be used as a single temperature sensor or as part of a group when an averaged temperature reading is required.

The Wireless Air Sensor pairs directly with the Touch v2 and Edge whereas with the Neo System the Wireless Air Sensor is paired to the neoHub Gen 2 and then linked to the appropriate zone.



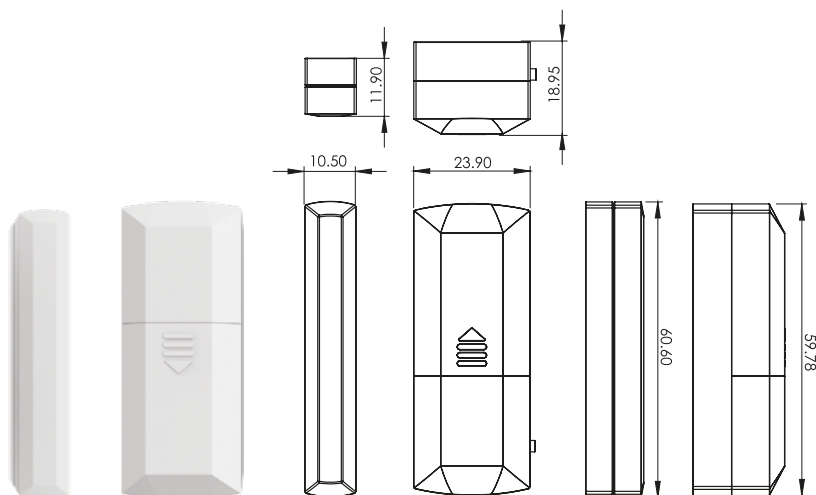
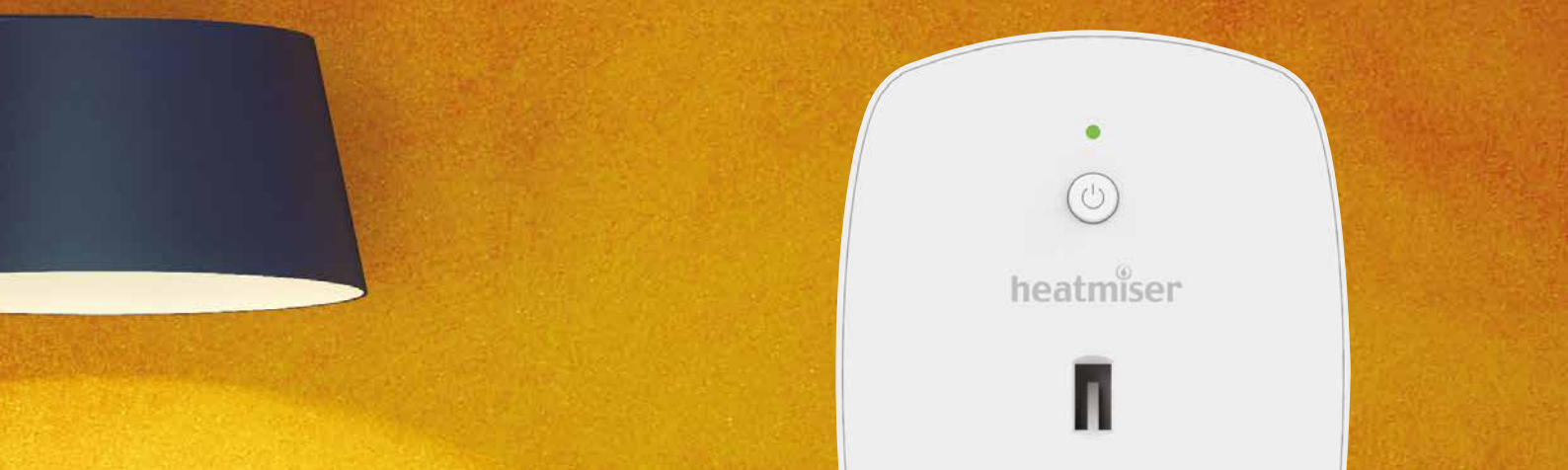
Thimble Air Sensor

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



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 Wireless Window / Door Sensor can be used with the Touch V2, Edge and Neo System and is used to switch the heating off whenever a window or door is opened.

The Wireless Sensor pairs directly with the Touch v2 and Edge whereas with the Neo System the Wireless Sensor is paired to the neoHub Gen 2 and then linked to the appropriate zone.



Heatmiser Boost / Boost V2

The Heatmiser Boost / Boost V2 are our surface mount 230v powered wireless repeater for the RF and Neo System, designed to extend the communication distance between the thermostat and receiver.
(Check receiver compatibility on page 12.)



Heatmiser neoAir Stand

The neoAir Stand is perfect for those not wanting to install the neoAirV2 / V2-M on the wall. The neoAir Stand is perfectly balanced and angled to provide easy viewing of the thermostat display.



Remote Sensor Enclosure

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



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