IMI

A new level
of underfloor heating
by **IMI Heimeier**

neo

Introducing our **smart home temperature control system** that thinks of everything – from smart thermostats that can be used standalone or integrated into a system, to wired or wireless options to suit your home's installation needs.

Plus, the IMI Heimeier neoApp offers complete control at your fingertips, with personalised heating profiles for individual zones throughout the home, and a user-friendly interface for improving control, comfort and energy efficiency.

Bring smart comfort to life with...

Simplicity
Simple to install and easy to use, with intuitive, user-friendly interfaces and straightforward compatibility with smarthome systems.

Versatility
Meet the needs of every home with fully customisable setups and installation configurations, allowing for complete flexibility and more temperature control options.

Reliability
Enjoy peace of mind on accurate temperature control and customer satisfaction. Heatmiser smart technology has been extensively tested, proven and backed by expert technical support.

Smart control
With the IMI Heimeier neoApp, customers have complete control of their heating wherever they are, including a user-friendly interface to set times, program temperatures and create personalised profiles easily.

The neoRange is powered by smart energy-saving features to suit the needs of modern living and customers alike, including:

Saving energy
From the precise monitoring of temperatures the optimisation of the heating system to the detection of the presence of residents or doors/windows left open, the solutions in the **neoRange** offer a variety of intelligent methods to reduce energy costs.

A preheating function based on machine learning.
The **neoRange** can calculate the pre-heating time needed to gradually heat up your home. The system remembers the habits of the residents to provide them with a warm and cosy home when they return, as well as optimised heating depending on the season.

Personalised scenarios
With the **IMI Heimeier neoApp**, users can create a fully personalised experience. Beyond programming and multizone control, users can also create preferences to bespoke scenarios. For example, if the Window Switch sensor that is connected to the neoHub registers that a window has been left open for more than 5 minutes, the heating is turned off – allowing for a greater level of control.

neoApp
a new level of convenience

Designed to work in harmony with the neoHub and neoRange thermostats, the IMI Heimeier neoApp offers users a new level of convenience and smart control over their comfort.

Smart control from anywhere
On the go or in the home, the IMI Heimeier neoApp allows for smart heating control on a smartphone, allowing users to manage their heating when it suits them.

Easy to use, simple to understand
Set times and program temperature settings easily, as well as keep up to date with energy usage at a glance.

Multi-users
With multi-users functionality, homeowners can share full or restricted access to the neo system, perfect for holiday rentals.

Geolocation
This ensures an empty home is never overheated, by automatically reducing the temperature when occupants leave and increasing the temperature when they return.

Smart profiles
Stored in the neoHub, the IMI Heimeier neoApp can be used to change and assign smart profiles to multiple zones around the home.

Enhanced history
For more in-depth information, the IMI Heimeier neoApp can show temperature history for each zone for the last 13 months.

Compatible with smart home systems:

Works with Apple Home

amazon alexa

works with Google Home

Works with IFTTT

IMI Heimeier neo

Free to download

Download on the App Store

GET IT ON Google Play

neo

A new level
of smart thermostats

The neoStat M2 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. A wireless option is available with the neoAir M3.

Standalone or integrated smart thermostat

A mains-powered, wall-mounted thermostat with advanced functionality. Experience a new level of smart temperature control with a reliable wireless connection to the neoHub.

Thermostat or Timer

Functions as a thermostat or timer, selectable within the menu.

Wireless networking

Can be paired to the neoHub to provide smart control using the IMI Heimeier neoApp. Mains connection maintains an always-on link with other neoStats or neoAirs in the home.

Remote sensors

Connects to both a remote air and remote floor sensor to monitor temperatures in the surrounding area.

Modern design

Designed to fit in with any home décor. Touch-sensitive keys provide a clean smooth interface, for a premium feel.

Energy-saving optimum start

Calculates the heat-up time required for a warm home upon return. Those times are optimised throughout the year to save energy.

Hold temperature setting

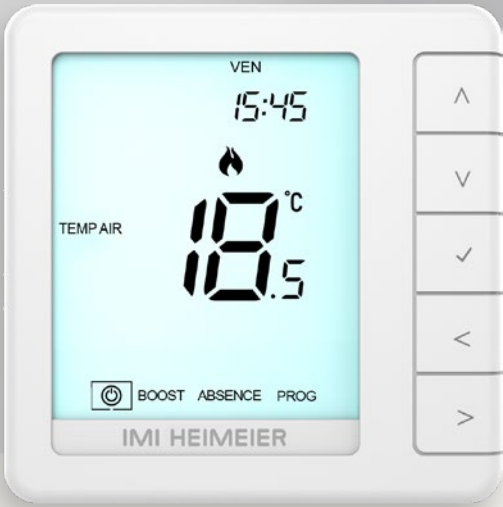**Hold at a set temperature** for a set length of time, after which the thermostat reverts to its programmed setting.

Easy navigation

An easy-to-navigate programming system provides all options across the bottom of the backlit display.

neoStat M2
neoStat-e M2
(for electric heating)

neoAir M3

Wireless

HM-PRT

Programmable
room thermostats

HM-PRT

Programmable Room Thermostat with Sensors

Four main operating modes with air and/or floor sensors paint an accurate picture of room temperature, so users can keep a close eye on conditions.

Operating Mode

Choose programmable or nonprogrammable modes, with options for floor and air sensors to take more accurate readings.

Pre-programmed comfort levels

Choose between Weekday / Weekend or 7-Day Programming options set to default times for leaving and returning home, or easily program your own.

Temperature Hold

Manually override the current program and set a different temperature for the desired duration.

Holiday Mode

Reduces the set temperature to the frost protection temperature, which it will maintain for the duration of the holiday before automatically returning to the programmed mode.

HM-PRT-e

For electric underfloor heating.

Accessories

Wireless Door & Window Door Contact Switch

Works as either a single temperature sensor or one of a group to get an average reading. Pairs with the neoHub Gen 2 which then links to the right zone.

Wireless Contact Sensor

Signals to switch off heating when a door or window is opened, breaking contact. Pairs with the neoHub Gen 2, then linked to the right zone.

Thimble Air Sensor

Ideal for discrete temperature monitoring. Compatible with all neo thermostats with a remote sensor connection.

Boost v2

The surface-mount 230V powered wireless repeat for the neo system extends the field of range between thermostat and receiver.

Remote Sensor Probe

Can be used to measure air and floor temperature. Supplied with a 3-metre cable that can be extended to 20 metres if required.

Dial type thermostats

Thermostats - DS1-L V2

Used in conjunction with a separate programmer, these stylish dial-type thermostats offer ease of use and great accuracy.

Dial Thermostat with Digital LCD

Modern design

Designed to be single family, the modern, slim profile allows any model to blend in with home décor.

Easy installation

The DS1 v2 is surface mounting for simple installation.

Digital display

Digital LCD displays the current room temperature.

Remote Air Sensor

A remote air sensor can be wired into the thermostat, so it can measure the air temperature. Thimble sensor allows for discreet measurement.

Adjustable Switching Differential

The switching differential is the point when the heating turns back on after switching off. This series allows the switching differential to be adjusted from 1-3°C.

Wiring Centre Compatible

Our Dial Thermostats are compatible with UH8-RF V2 and UH6 wiring centres.

Thermostats - DS-SB V3 and DS1 V2

Dial Thermostat with Set Back function

Additional Features

Set Back function

This feature follows the set temperature during the timed period, but once that ends, the set temperature then reduces by 4°C instead of turning off completely.

On/Off Time Clock switch

Easily switch between On, Permanent Off or Time Clock. In On mode, the thermostat will maintain the set temperature but will ignore the time clock input.

Power and heating indication

Coloured LEDs indicate power and heating.

The DS1 V2 thermostat is designed to be surface mounted.

Compact Wiring Centre

6 zones

Compact Size: Fitting inside most manifold enclosures. It can also be installed on a standard DIN rail.

Wiring centres allow you to streamline the installation process and easily manage key system components such as actuators, thermostats, heat pumps and boilers.

The UH6 is our compact 6 zone 230v wiring centre compatible with our 230v thermostats.

UH6

6 Zones

Up to 6 zones can be wired into the UH6 with each zone having the ability to accept 4 actuators.

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.

DIN rail mounting and neon output indication

The UH6 incorporates DIN rail mounting for easy installation, and has neonoutput indications for each zone, so its heat status can be quickly identified.

Heat and 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.
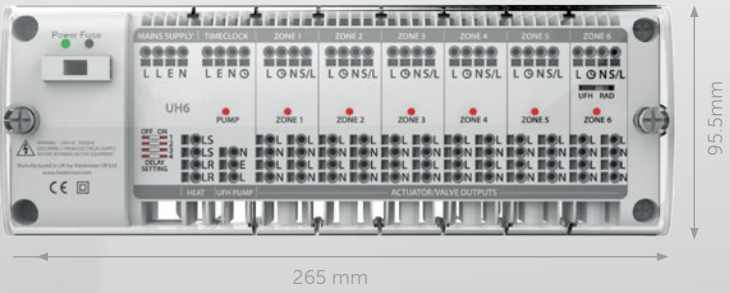
UFH or radiator

Easily configure which zones are underfloor heating and which are radiators. Radiator zones will not enable the UFH pump and valve.

8 Zone Wireless Wiring Centre

UH8-RF v2

Multi Zone Control

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.
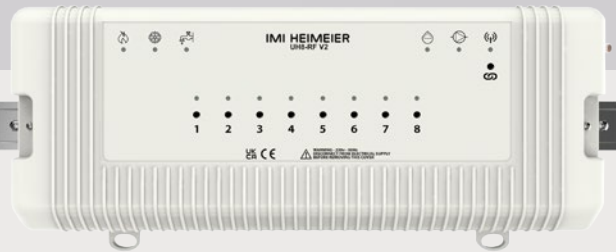
Connections/Setup

Up to 6 actuators can be connected to each zone. An external aerial is available for use when the UH8-RF v2 is being mounted in a metal cupboard or when the wireless signal is restricted.

Compatibility

The UH8-RF v2 is designed to be used in conjunction with our neoAir wireless thermostats.

neoHub G2

Connect and Control with Ease. The NeoHub connects directly to a broadband router and communicates via Radio Frequency (RF) with all Neo devices. Once plugged into the router and configured through the Neo App, the system provides seamless control of heating, hot water, and connected Neo devices from anywhere.

Apple HomeKit technology provides an easy, secure way to control your home's lights, doors, thermostats, and more from your iPhone, iPad, or iPod touch. The IMI Heimeier neoHub responds to Siri, letting you request the current temperature, set a new temperature or temperature hold and turn on/turn off standby directly from your iPhone, iPad, or iPod touch.

Compatibility

The neoHub enables the neoStat, neoStat-e, and neoAir to work with HomeKit technology. To control this HomeKit-enabled accessory, the latest version of iOS or iPadOS is recommended.

Communication between the neoHub and neoStat, neoStat-e, neoAir is secured by utilising frame-protection mechanism based on Advanced Encryption Standard (AES) with 128-bit randomly generated keys. Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Apple, Apple Home, Apple Watch, HomeKit, HomePod, HomePod mini, iPad, iPad Air, iPhone, and tvOS are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

Setting Up neoHub

The neoHub is designed to be quick and simple to setup. Just follow this quick start guide and you will soon have smart control over your home heating system.

System requirements

• An active broadband connection.

• 230V mains supply (Adaptor supplied).

• A broadband router with DHCP function.

• A mobile device running iOS, Android or Windows Operating System.

Works with Apple Home

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neoHub

The neoHub Mini HW Bundle is designed for those with 1 or 2 heating zones and a hot water cylinder.

The neoHub Mini HW connects to your home router by WiFi and wirelessly to the neoAir v3 smart thermostat. An additional neoAir v3 can be purchased to control a 2nd heating zone.

Suitable for those with

No Wired Thermostat | Conventional and condensing boilers | Air and Ground source heat pumps

Smart Home Compatible

Works with Google Home, IFTTT and Alexa

Geo-Location Facility

You decide what happens when you leave and return home (Configure on a room level)

Flexible Programming

Your neoStat can be setup to work in non programmable, weekday/weekend, 7 day or 24 hour programming mode.

Smart Profiles

Create a heating program and assign to one or more rooms. All rooms are updated automatically when any changes are made.

Away Mode

Turns your heating and hot water off

Push Notifications

Receive a push notification for 1)High/Low temp limit 2)Battery low

Clock Sync

Your neoHub Mini will obtain the time from the internet and will automatically correct your neoAir v3 based on your location.

Lock

Lock each of your neoAir v3 with a PIN

Hold Mode

Hold a temperature in one or more rooms for a number of hours

Always Updated

Your system will receive new features and security updates automatically

'Meets Boiler Plus'

The new energy saving standard

Requirements

iOS 13+ iPhone/iPad | Android 8+ device
· WiFi router supporting 2.4GHz
· * Additional neoAir v3 required
· for 2nd zone

Heimeier RF Switch v2 & Heimeier Boost v2

Achieve reliable automatic hydraulic balancing with AFC technology

The Dynacon Eclipse floor heating circuit manifold offers an **energy-saving** solution for all applications, regardless of whether two or twelve heating circuits are to be connected.

Automatic hydraulic balancing

The required flow rate is set, automatically regulated, and not exceeded even when closing neighboring circuits. Adjusted flow increases energy efficiency and reduces heating costs.

Settings easy to check

Scaling in l/h Floor heating circuit manifolds are available for flow rates from 10-300 l/h.

Complex calculations are no longer necessary

Ideal for renovating unknown heating circuit lengths or widely branched pipe systems.

Stainless steel manifold

Durable, safe and corrosion-resistant.

Dynacon Eclipse

Heatmiser Boost v2

The Heatmiser Boost v2 is our surface mount repeater for the RF and Neo System. The Heatmiser Boost v2 is designed to extend the communication between the RF Thermostats and Wiring Centre and the neoStat's/neoAir v3 & neoHub Gen 2.

Heatmiser RF Switch v2

The Heatmiser RF Switch v2 is our wireless thermostat receiver. It can cater for a 2 heating zones and the hot water cylinder. Output indications are provided and the unit is surface mount for easy installation.

In addition, the RF Switch v2 can act as a wireless boiler enable link from the UH8-RF v2 8 Zone Wiring Wiring Centre.

Connection sets

EmoTEC
Article No.
1809-00.500

Connection kit with Globo ball valves, DN 20
Article No.
9339-01.800

Connection kit with Zeparo Vent air separator in supply and Zeparo Dirt sludge separator in return, DN 20
Article No.
9339-03.800

Connection kit with Globo ball valve DN 20, including spacer for heat meter in return
Article No.
9339-04.800

IMI

Climate Control