

# The easier, smarter, heating system



## Wiser

Multi-zone heating made easy

[wiser.draytoncontrols.co.uk](http://wiser.draytoncontrols.co.uk)

Life Is On

**Drayton**  
by Schneider Electric

# smart meet Wiser

**Introducing Wiser, the beautifully simple multi-zone heating system from Drayton. Easy to install from app to thermostat, Wiser is the altogether better, smarter, easier way to personalise home heating.**

Over 60 years of engineering expertise and manufacturing proficiency has culminated in the creation of Wiser, the heating system that makes smart technology simple and affordable.



# What makes Wiser wiser?

Wiser combines smart features with simplicity to bring you an altogether easier, wiser, better solution.

Wiser makes home personalisation affordable by allowing you to start with a smart room thermostat and build a full multi-zone system over time by adding radiator thermostats.

## Your Wiser system

- Smart heating & hot water control
- Easy zoning with radiator thermostats
- Quick & easy installation
- Wireless thermostats
- An affordable & buildable system
- Schedule your electrical appliances by adding Wiser Plugs

### Multi-zoning

Build the perfect system by adding radiator thermostats



### Eco Mode

Combines weather compensation & optimum stop for maximum savings



### Flexibility

3 channels, 16 rooms, 32 devices



### Simplicity

Standard wallplate, wireless devices



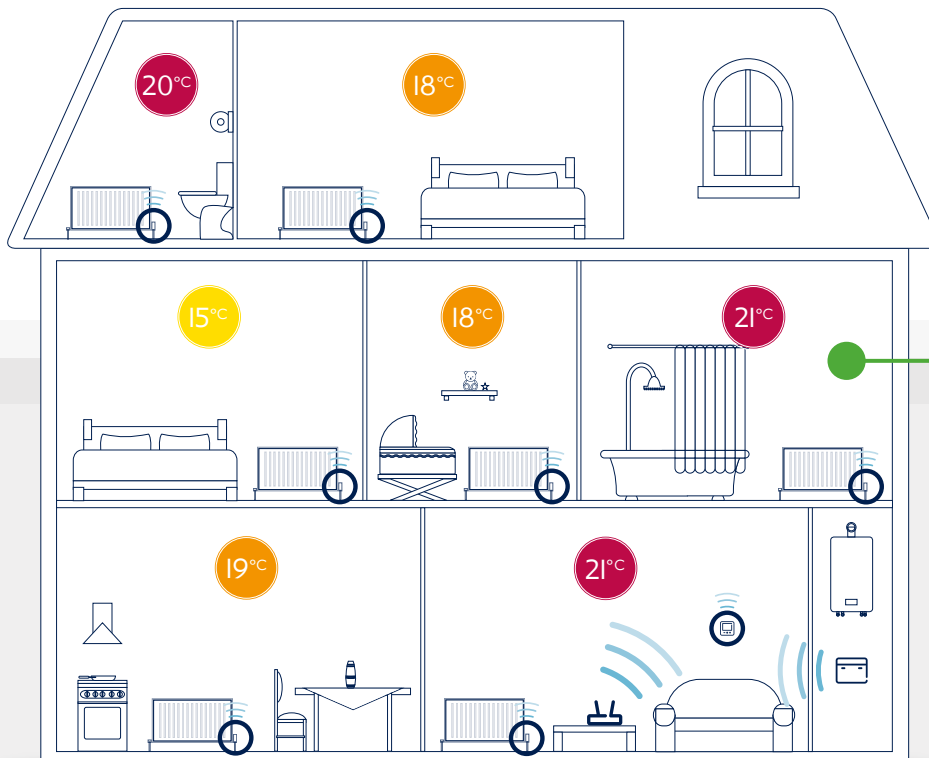
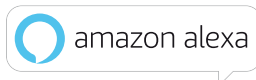
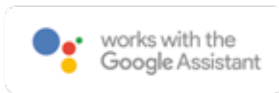
### Remote Control

Simple app with boost & Away Mode



### OpenTherm®

Digital boiler interface enabling more efficient control



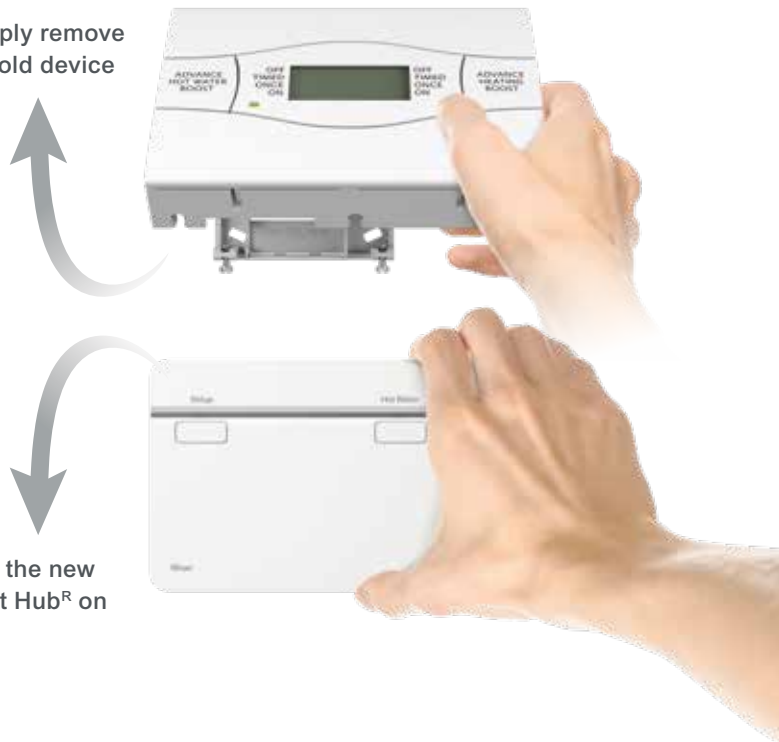
Set different temperatures in selected rooms



## Wiser Heat Hub<sup>R</sup>

The Wiser Heat Hub<sup>R</sup> is the brains of the system. It goes beyond smart, offering up to 3 channels, 16 zones and 32 devices in a system. All you have to do is clip it onto an industry standard wallplate and you can benefit from the full range of features.

Simply remove the old device



Clip the new Heat Hub<sup>R</sup> on

## Features

- Create up to 16 heating zones (individual rooms) and hot water
- Add up to 4 radiator thermostats and 1 room thermostat per zone up to a maximum of 32 devices in a system
- OpenTherm boiler interface support
- Eco Mode incorporating weather compensation and optimum stop
- Firmware updates via the cloud
- Operates as a Wi-Fi access point allowing local app access even without internet connectivity
- Industry standard Wi-Fi and 2.4GHz RF mesh technology

## Wiser Room Thermostat

No wires, no installation, no mess. The wireless room thermostat is battery powered and, thanks to the handy table stand and wall clip, can be positioned anywhere. The large multi-colour screen and capacitive touch buttons provide the perfect combination of usability and iconic design.

Simplicity is at the heart of Wiser. From clean, contemporary design to ease of install and ease of use via the intuitive app, Wiser encompasses everything a smart device should.

Humidity sensor

2.4" multi-colour LCD screen

Room temperature

Set temperature



Wireless with a handy table stand & wall clip

Works with Amazon Alexa & the Google Assistant

Programme via the app

Device lock

3 capacitive touch buttons to change temperature & boost

# Wiser Radiator Thermostat

Radiator thermostats enable your Wiser system to enter a whole new level of smart. With a connection to the boiler, via the Heat Hub<sup>R</sup>, they allow you to control the on/off times and temperatures of individual rooms using the intuitive app.

Building on the iconic design of the Drayton TRV4, the Wiser Radiator Thermostat maintains the simplistic style and builds on years of success as a leading TRV manufacturer with a host of additional features.

Unique twist top design to boost by 2°C from the device. Or just ask your voice assistant.



reddot design award  
winner 2018



## Features

- Mounts on over 90% of existing radiator valves
- Battery operated
- Revolutionary twist top with spring back for boosting at the thermostat
- Award winning design for outstanding innovation and functionality
- Works with Amazon Alexa and the Google Assistant
- Programming & settings via the app
- ErP rating 5%
- Multiple sensors for high accuracy
- Automatic valve protection runs
- Open window detection
- Device lock

*Simply unscrew the existing radiator valve heads and screw on your new Wiser Radiator Thermostats. Each pack includes the adaptors you will need for most installations.*

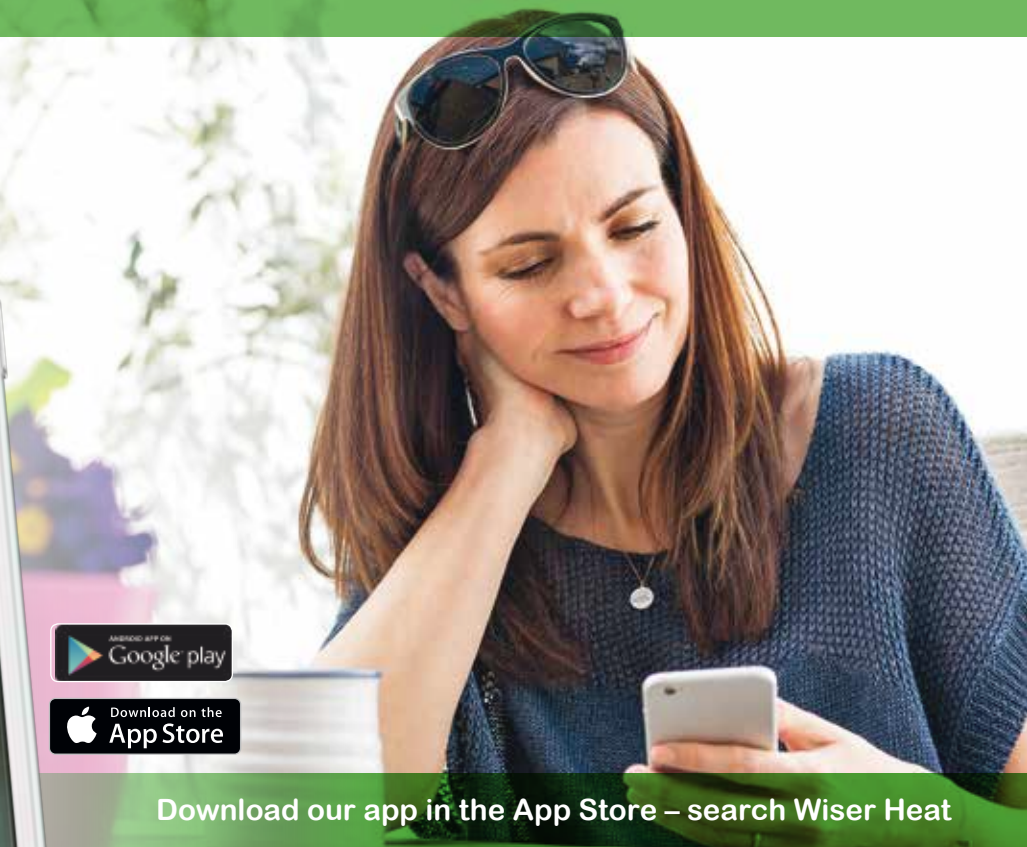
## The Wiser Heat app

The app has been designed to make your life simple. Step-by-step commissioning instructions guide you through the whole process in just a few minutes.

The user interface has been designed to be intuitive so your customer will have no problem taking control of their heating. Set up can be done within seconds and programming couldn't be easier. Boost, set point and room selections can all be accessed from the home screen.



Download our app in the App Store – search Wiser Heat



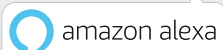
## Wiser Smart Home

Alexa, set the living room to 20 degrees

It really is that simple to control the Wiser system. Wiser works with voice assistants such as Amazon Alexa and the Google Assistant to make your life easier. You don't even need to touch the app to operate it, just ask the assistant to customise the temperature in each room.

The clever features of your Wiser system can be enhanced further with geofencing via IFTTT integration. The IFTTT platform can link your Wiser system with other apps allowing you to set up commands such as...

“When the last family member leaves the house activate Away Mode”



NEW

## Wiser Plug

Introducing the Wiser Plug, the newest addition to the Wiser family.

Enabling you to set schedules for home appliances from the Wiser Heat app, the Wiser Plug can be controlled from your phone or by using voice activation with the Google Assistant and Amazon Alexa.

As well as being able to control your home appliances remotely, the Wiser Plug also has a built-in range extender to enable connectivity to devices further away from the Heat Hub<sup>®</sup>.











### Features

- Quick commissioning via the Wiser Heat app
- Set schedules via the app, 7 days a week, 8 events per day
- Requires Wiser Heat Hub
- Works with Amazon Alexa, the Google Assistant and IFTTT
- Syncs with Wiser's Away Mode
- Add up to 10 plugs per system

# The Wiser options

To make it simple we have bundled together the Wiser products into five core packs with the option to bolt on further requirements to suit the property.

Product Pack	Pack Contents	Description	Part Number
<b>Wiser Thermostat Kit 1</b> 	1 x Room thermostat 1 x Thermostat stand 1 x Thermostat wall bracket 2 x AA batteries 1 x 1 channel Heat Hub <sup>®</sup> 1 x OpenTherm module 1 x Wallplate	One channel thermostat pack ideal for combi-boilers. Enables you to control heating via the Wiser Heat app.	WT714R9K0902
<b>Wiser Thermostat Kit 2</b> 	1 x Room thermostat 1 x Thermostat wall bracket 1 x Thermostat stand 2 x AA batteries 1 x 2 channel Heat Hub <sup>®</sup> 1 x OpenTherm module 1 x Wallplate	Two channel thermostat pack ideal for conventional systems. Enables you to control heating and hot water via the Wiser Heat app. Wire in existing cylinder thermostat for hot water control.	WT724R9K0902
<b>Wiser Thermostat Kit 3</b> 	2 x Room thermostats 2 x Thermostat wall brackets 2 x Thermostat stands 4 x AA batteries 1 x 3 channel Heat Hub <sup>®</sup> 1 x OpenTherm module 1 x Wallplate	Three channel thermostat pack ideal for properties with two heating zones. Enables you to control heating and hot water via the Wiser Heat app. Wire in existing cylinder thermostat for hot water control.	WT734R9K0902
<b>Wiser Multi-zone Kit 1</b> 	2 x Radiator thermostats 6x AA batteries 1 x Room thermostat 1 x Thermostat stand 1 x Thermostat wall bracket 1 x 1 channel Heat Hub <sup>®</sup> 1 x OpenTherm module 1 x Wallplate 2 x M30x1.5mm ring nuts 2 x Drayton valve adapters 2 x Danfoss RA valve adapters	One channel thermostat system with two radiator thermostats to start zoning your system. Suitable for combination boilers. Control the room thermostat and radiator thermostats via the Wiser Heat app. Add more radiator thermostats to create more independent zones.	WV714R9K0902
<b>Wiser Multi-zone Kit 2</b> 	2 x Radiator thermostats 6x AA batteries 1 x Room thermostat 1 x Thermostat stand 1 x Thermostat wall bracket 1 x 2 channel Heat Hub <sup>®</sup> 1 x OpenTherm module 1 x Wallplate 2 x M30x1.5mm ring nuts 2 x Drayton valve adapters 2 x Danfoss RA valve adapters	Two channel thermostat system with two radiator thermostats to start zoning your system. Suitable for conventional boilers. Set schedules for the room thermostat, radiator thermostats and hot water via the Wiser Heat app. Add more radiator thermostats to create more independent zones.	WV724R9K0902
<b>Radiator Thermostat</b> 	1 x Radiator thermostat 2 x AA batteries 1 x M30x1.5mm ring nut 1 x Drayton valve adapter 1 x Danfoss RA valve adapter	Add additional single radiator thermostats to any of the above packs to create more zones and benefit from maximum comfort and energy saving.	WV704R0A0902
<b>Room Thermostat</b> 	1 x Room thermostat 1 x Thermostat wall bracket 2 x AA batteries 1 x Thermostat stand	Additional room thermostat - add to rooms with radiator thermostats as a convenient way to view and change the room temperature. Works with all Wiser kits.	WN704R0S0902
<b>Wiser Plug</b> 	1 x Smart plug	Add up to 10 smart plugs to any system to enable remote scheduling of your home electrical appliances via the app.	WB704H1A0902



# Get Wiser

We've compiled some key questions and information sources so you can find out everything you need to know about Wiser.

## Is Wiser compatible with all boilers?

Wiser will work with all common boiler types. It won't operate on gravity fed systems or boilers requiring manufacturer specific controls to operate.

## Is Wiser future proof?

Yes. Wiser makes use of industry leading technology to ensure the best experience now and for future products. Wiser works with Amazon Alexa & the Google Assistant, enables geofencing through IFTTT and we're working on other services to further integrate Wiser within the Smart Home

## Where can I buy Wiser?

Wiser is available through all leading plumbing & electrical wholesalers.

## What happens if I have no internet connection?

Wiser can be installed without any internet connection. The homeowner can download the app and connect at any point after installation. If connection is lost after installation the homeowner will still be able to use the app when at home.

## Do the Radiator Thermostats call for heat?

Yes, with a connection to the boiler via the Heat Hub<sup>R</sup>, they enable time and temperature control of individual rooms.

## Does Wiser have weather compensation?

Wiser has more than weather compensation, it has Eco Mode. Eco Mode establishes the thermal profile of a home and by using weather compensation combined with optimal stop, maximises energy saving and enhances comfort.

## How many rooms does Wiser support?

Wiser supports up to 16 rooms of heating (plus hot water in supporting Heat Hub<sup>R</sup>s) across a wide range of configurations to suit any home.

## How long does it take to install Wiser?

The Wiser Heat Hub<sup>R</sup> fits on a standard wallplate so in many cases will be a direct swap out with your existing controls. The wireless devices are then simply added to your home using the Wiser Heat app available on Android and iOS platforms. Installation can be completed in a matter of minutes.

## Do the radiator thermostats come with valve bodies?

No, but in most situations these will already be in place and the radiator thermostats can be retrofitted. However, if older style valves are in place, adapters would need to be purchased and you can find more information on our website below.

For new installations, valve bodies will need to be purchased from your merchant.

## Where can I find out more



**Get social:** Follow us on twitter to be the first to hear the latest news [twitter/draytonheating](https://twitter.com/draytonheating).



**Get watching:** See all the videos on [youtube/draytoncontrols](https://youtube.com/draytoncontrols).



**Get searching:** Visit [www.draytoncontrols.co.uk](http://www.draytoncontrols.co.uk) for trade information and direct your customers to [wiser.draytoncontrols.co.uk](http://wiser.draytoncontrols.co.uk) for support.



**Get asking:** If you need to talk to someone we have a dedicated 7 day a week hotline **0333 6000 622**



**Get Wiser:** Get your hands on a sample Wiser at a fantastic discount via our exclusive installer shop. Simply register for our installer network at [www.9network.co.uk](http://www.9network.co.uk)

# Get technical

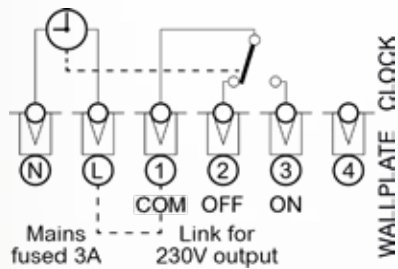
	Wiser Heat Hub <sup>R</sup>	Wiser Room Thermostat	Wiser Radiator Thermostat	Wiser Plug
Dimensions	93mm(w), 148mm(h), 31mm(d)	76mm(w), 76mm(h), 25mm(d)	93mm(h), 51mm (dia)	79.6mm(h), 67.9mm(w), 62.8mm(d)
Power supply	230V a.c. ±10% 50Hz	2x1.5V IEC LR6 (AA) alkaline batteries		230V a.c. ±10% 50Hz
Switch rating	2(1)A 230V a.c. each switch	N/A		13A Max / 3kW Max
Wiring	Fixed wiring only, to comply with current IET regulations (BS7671)	No wiring required		No wiring required
Interfaces	User: Push Button/LED; I/O: Mains Relays (1-3), Digital Boiler Interface	User: TFT display, touch buttons; I/O: None	User: Twist Cap, LED; I/O: None	User: Push Button/LED; I/O: Mains Relay
Operating temperature	0°C to 45°C			0°C to 40°C
Storage temperature	-10°C to 55°C			-10°C to 40°C
Maximum mounting surface temperature	N/A		93°C	N/A
Maximum water temperature	N/A		73°C continuous and 110°C max	N/A
Ingress protection	IP 30	IP 20	IP 30	IP X0
Ambient humidity (non-condensing)	Operating 25% to 90%, Storage 15% to 95%			5% to 85%
Set-point range	5°C to 30°C			N/A
Control accuracy	<0.6°C at 4°C/hour (with Room Thermostat)	N/A		
	<0.8°C at 4°C/hour (with Radiator Thermostat)			
Timing resolution	1 minute	N/A		
Temperature resolution	0.5°C			N/A
Ball pressure test	92°C	75°C		125°C
Pollution degree	2			
Software class	A			N/A
Without mains power	Display: LEDs off; Time: always kept; Programme times: always preserved	N/A		
Rated impulse voltage	2.5kV	N/A		2.5kV
Radio technology/frequency	2.4GHz (Bi-directional, Mesh)			
Radio signal range	30m			≤100m (in open air)

	Wiser Heat Hub <sup>®</sup>	Wiser Room Thermostat	Wiser Radiator Thermostat	Wiser Plug
Mounting	Industry standard wall plate	Wall bracket or desk stand	Radiator Valve	Std. UK 3 pin socket
Maximum radio frequency power transmitted	+17dBm (50mW)	+13dBm (20mW)	+13dBm (20mW)	+8dBm (6.3mW)
Software version	6712093	6712090	6712089	V2.0
Relevant directives	Radio Equipment Directive (RED) 2014/53/EU, Batteries Directive 2006/66/EC, RoHS Directive 2011/65/EU			(RED)2014/53/EU RoHS 2011/65/EU
Applied standards	EN60730-1; EN60730-2-7; EN60730-2-9, EN 300 328			EN 60950-1, EN 62479, EN 300 328, EN 301 489-1, EN 301 489-17

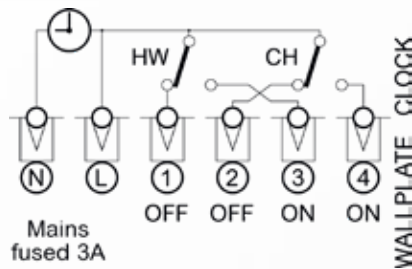
	Modulating Boiler		On/Off Boiler	
	ErP Class	ErP Rating	ErP Class	ErP Rating
Wiser Thermostat Kit 1	VI	4%	VII	3.5%
Wiser Thermostat Kit 2	VI	4%	VII	3.5%
Wiser Thermostat Kit 3	VI	4%	VII	3.5%
Wiser Multi-zone Kit 1	VIII	5%	VII	3.5%
Wiser Multi-zone Kit 2	VIII	5%	VII	3.5%

## Wiring

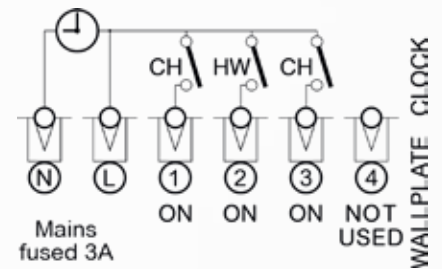
### Heat Hub<sup>®</sup> 1 Channel



### Heat Hub<sup>®</sup> 2 Channel



### Heat Hub<sup>®</sup> 3 Channel





 BRITISH BUILT TO LAST

[wiser.draytoncontrols.co.uk](http://wiser.draytoncontrols.co.uk) | [customer.care@draytoncontrols.co.uk](mailto:customer.care@draytoncontrols.co.uk)

## Wiser Support: 0333 6000 622

### D125-4

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### Security Statement

Schneider Electric established the Global Security Lab as an independent entity to ensure vigilance against the latest threats and enable defence against our systems from a cyber-attack. Our advanced security systems, which operate between Wiser in-home products, App and cloud services, use the same encryption technology as banks to protect end-user data. The Wiser Heat App and all software are continually updated to stay ahead of any potential threats to security. Schneider Electric doesn't use end-users' personal data for any purpose other than to improve the service and support provided and the data is not shared with any third parties.

Life Is 

**Drayton**

by Schneider Electric