

# The easier, smarter, heating system



## Wiser

Multi-zone heating made easy

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

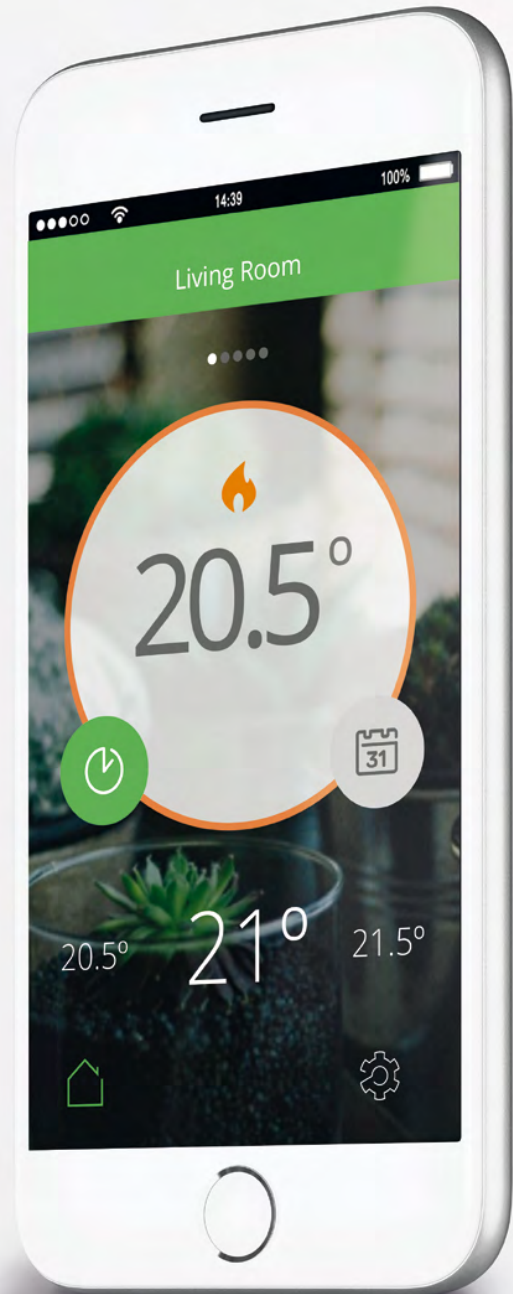
Life Is On

**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

### 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

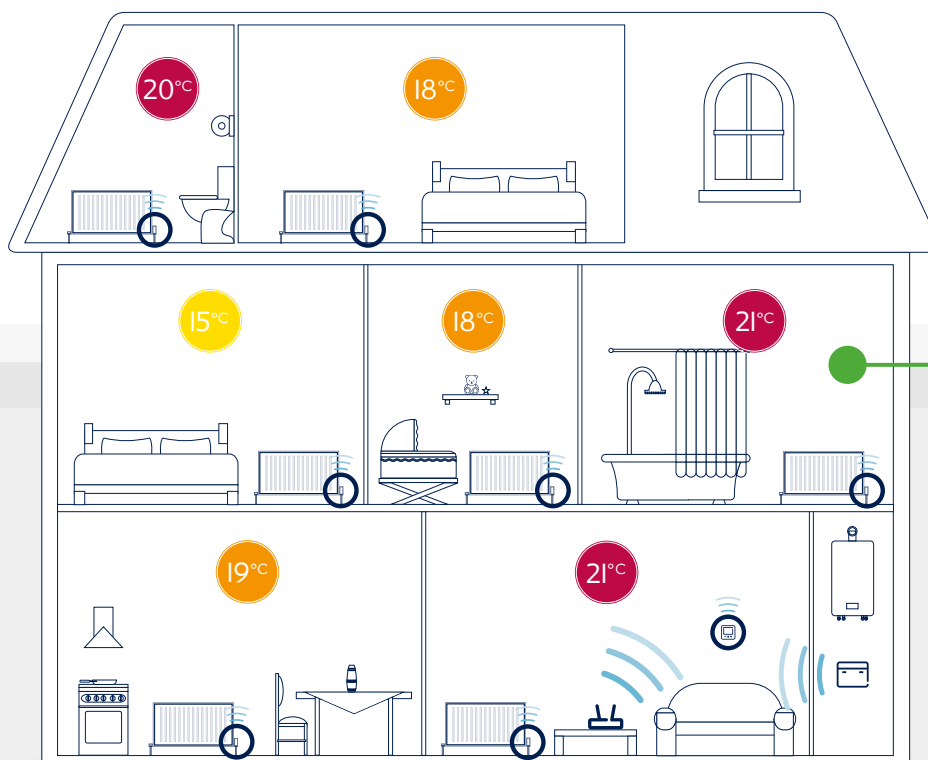
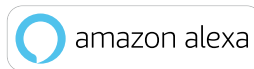


### OpenTherm®

Digital boiler interface enabling more efficient control



*"Alexa, set the living room to 20 degrees"*



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 OpenTherm®, Eco Mode and Amazon Alexa integration.

Simply remove  
the old device

Clip the new  
Heat Hub 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

Wiser

56%



20.5°



21.0°



3 capacitive touch buttons to  
change temperature & boost

Wireless with a handy  
table stand & wall clip

Works with Amazon Alexa

Programme via the app

# Wiser Radiator Thermostat

Radiator thermostats enable your Wiser system to enter a whole new level of smart. With a direct connection to the boiler they enable you to control the on/off times and temperatures of individual rooms via 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 from the device. Or just ask Alexa!



## Features

- Mounts on existing radiator valves
- Battery operated
- Revolutionary twist top with spring back for boosting at the thermostat
- Works with Amazon Alexa
- Programming & settings via the app
- ErP rating 5%
- Multiple sensors for high accuracy
- Automatic valve protection runs

*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










“Alexa, **increase** the living room temperature by 2 degrees,”

It really is that simple to control the Wiser system. Wiser has Amazon Alexa integration so you don't even need to touch the app to operate it, just ask Alexa and she can customise the temperature in each room.



# 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>R</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 stand 1 x Thermostat wall bracket 2 x AA batteries 1 x 2 channel Heat Hub <sup>R</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 thermostat 2 x Thermostat stand 2 x Thermostat wall bracket 4 x AA batteries 1 x 3 channel Heat Hub <sup>R</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 thermostat 1 x Room thermostat 1 x 1 channel Heat Hub <sup>R</sup> 6 x AA batteries 1 x Thermostat stand 1 x Thermostat wall bracket 1 x OpenTherm module 1 x Wallplate 2 X M30x1.5mm ring nut 2 X Drayton valve adapter 2 x Danfoss RA valve adapter	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 thermostat 6 x AA batteries 1 x Room thermostat 1 x Thermostat wall bracket 1 x Thermostat stand 1 x 2 channel Heat Hub <sup>R</sup> 1 x OpenTherm module 1 x Wallplate 2 X M30x1.5mm ring nut 2 X Drayton valve adapter 2 x Danfoss RA valve adapter	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 stand 1 x Thermostat wall bracket 2 x AA batteries	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

## 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.

## For new installations you will need additional valves.

15mm angle 0715180  
10mm angle 0715182



15mm straight 0715181  
10mm straight 0715183

# British built to last

Wiser is manufactured for the UK, in the UK, and by one of the UK's leading heating control brands, Drayton. Every Wiser product is built in Plymouth and comes with the reassurance you would expect from a brand with 60 years experience of designing and manufacturing industry-leading products.





# 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 now and we're working on other services now 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 you offer any training on Wiser?

You can keep up to date with all training opportunities at [www.9network.co.uk](http://www.9network.co.uk). Simply register to stay up-to-date.

## What is OpenTherm®?

OpenTherm is a digital interface between compatible boilers and your Wiser system. OpenTherm enables additional features, as well as allowing for more energy efficient control of your central heating.

## 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 Hubs) 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.

## What batteries do I need?

All our wireless devices use 2xAA batteries.

## 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

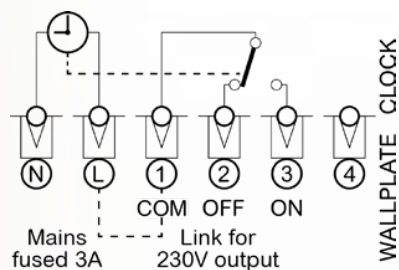
	Wiser Heat Hub®	Wiser Room Thermostat	Wiser Radiator Thermostat
Dimensions	93mm(w), 148mm(h), 31mm(d)	76mm(w), 76mm(h), 25mm(d)	93mm(h), 51mm(dia)
Power supply	230V a.c. ±10% 50Hz	2x1.5V IEC LR6 (AA) alkaline batteries	
Switch rating	2(1)A 230V a.c. each switch	N/A	
Wiring	Fixed wiring only, to comply with current IET regulations (BS7671)	No wiring required	
Battery life	N/A	2 years typical	
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
Operating temperature	0°C to 45°C		
Storage temperature	-10°C to 55°C		
Maximum mounting surface temperature	N/A		93°C
Maximum water temperature	N/A		73°C continuous and 110°C max
Ingress protection	IP 30	IP 20	IP 30
Ambient humidity(non-condensing)	Operating 25% to 90%, Storage 15% to 95%		
Set-point range	5°C to 30°C		
Control accuracy	<0.6°C at 4°C/hour (with Room Thermostat)  <0.8°C at 4°C/hour (with Radiator Thermostat)	N/A	
Timing resolution	1 minute		
Temperature resolution	0.5°C		
Ball pressure test	92°C	75°C	
Pollution degree	2		
Software class	A		
Without mains power	Display: LEDs off; Time: always kept; Programme times: always preserved	N/A	
Rated impulse voltage	2.5kV	N/A	
Radio technology/frequency	2.4GHz (Bi-directional, Mesh)		

	Wiser Heat Hub <sup>R</sup>	Wiser Room Thermostat	Wiser Radiator Thermostat
Radio signal range	30m		
Mounting	Industry standard wall plate	Wall bracket or desk stand	Radiator Valve
Maximum radio frequency power transmitted	17dBm (50mW)	14dBm (25mW)	14dBm (25mW)
Software version	6712093	6712090	6712089
Relevant directives	Radio Equipment Directive (RED) 2014/53/EU, Batteries Directive 2006/66/EC, RoHS Directive 2011/65/EU		
Applied standards	EN60730-1; EN60730-2-7; EN60730-2-9, EN 300 328		

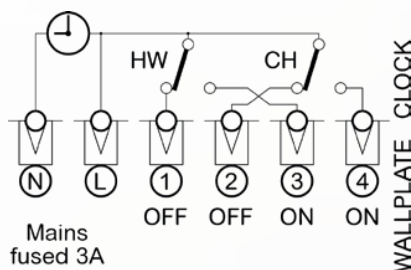
	Modulating Boiler		On/Off Boiler	
	ErP Class	ErP Rating	ErP Class	ErP Rating
Wiser Thermostat Kit 1	VI	4%	VII	3.5%
Wiser Thermostat Kit 2	VI	4%	VII	3.5%
Wiser Thermostat Kit 3	VI	4%	VII	3.5%
Wiser Multi-zone Kit 1	VIII	5%	VII	3.5%
Wiser Multi-zone Kit 2	VIII	5%	VII	3.5%

## Wiring

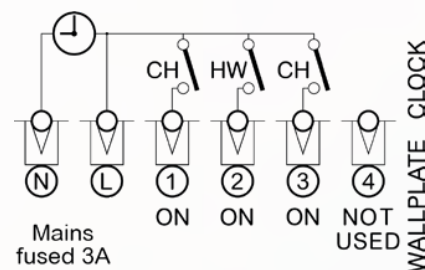
### Heat Hub<sup>R</sup> 1 Channel



### Heat Hub<sup>R</sup> 2 Channel



### Heat Hub<sup>R</sup> 3 Channel







[wisser.draytoncontrols.co.uk](mailto:wisser.draytoncontrols.co.uk) | [customer.care@draytoncontrols.co.uk](mailto:customer.care@draytoncontrols.co.uk)

**Wiser Support:** 0333 6000 622

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