

# Wiser™

## Complete home heating.



Smart and sustainable homes

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

**Drayton**

by Schneider Electric

# smart meet Wiser

**Introducing Wiser, the most comprehensive multi-zone heating system from Drayton. Easy to install from app to thermostat, helping your customers to save up to £575 on their energy bills.**

Over 70 years of engineering expertise and manufacturing proficiency has culminated in the creation of Wiser, making smart and sustainable homes simple and affordable.



## Your Wiser system

Wiser combines smart features with simplicity to bring you the most complete home heating solution.

Wiser makes home personalisation affordable by allowing you to start with a smart room thermostat and build a full multi-zone solution over time by adding radiator thermostats and incorporating electrical and/or underfloor heating.

- Smart heating and hot water control
- Easy zoning with radiator thermostats
- **NEW** Control wet underfloor heating zones
- **NEW** Incorporate electrical heating
- Quick and easy installation
- Schedule electrical appliances by adding Wiser Plugs
- Boiler Plus compliant

# What makes Wiser wiser?



**Simplicity**  
Standard wallplate,  
wireless devices



**Flexibility**  
Up to 3 channels, 16 rooms,  
63 devices



**Multi-zoning**  
Add radiator thermostats,  
underfloor heating controller or  
electrical heat switch as required



**App Control**  
Simple app with boost  
& Away Mode



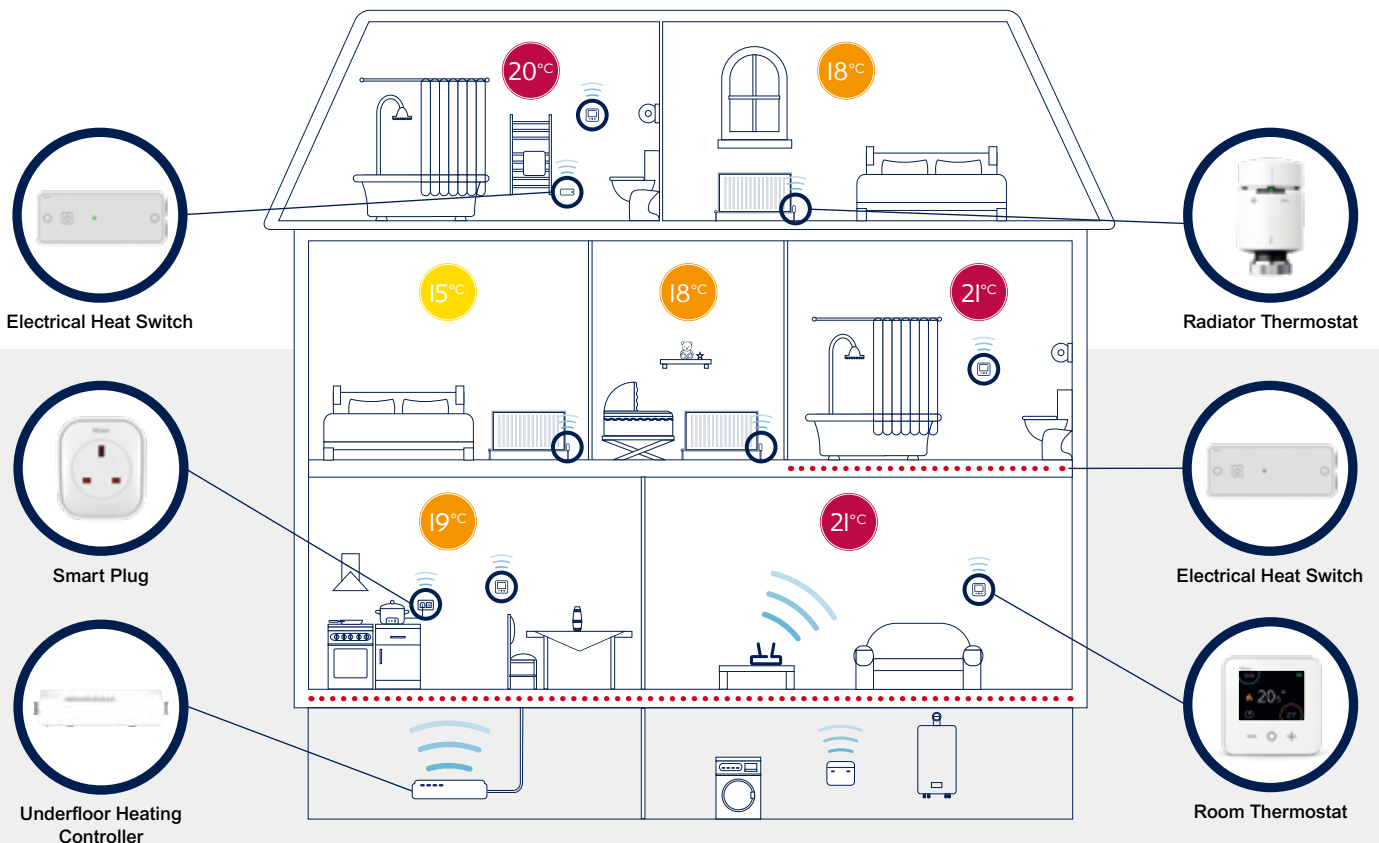
**Eco Mode**  
Combines weather  
compensation & optimum  
stop for maximum savings



**Heat Report & Insights**  
View and compare temperatures  
across single or multiple rooms

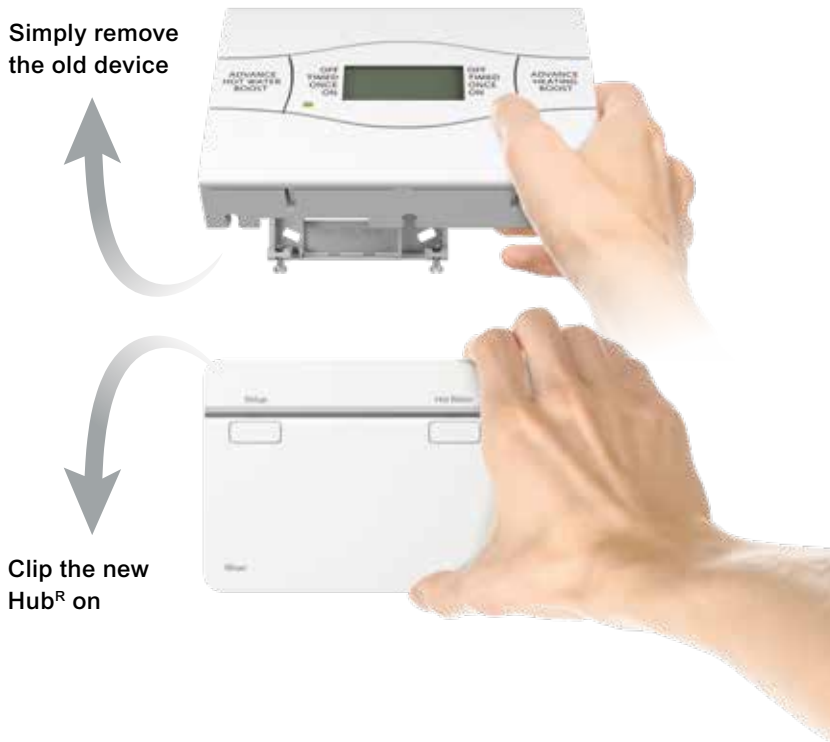


**IFTTT**



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

The Wiser Hub<sup>R</sup> is the brains of the system. It goes beyond smart, offering up to 3 channels, 16 zones and 63 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 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 63 devices in a system
- Eco Mode incorporating weather compensation and optimum stop
- Comfort Mode equivalent to optimum start
- 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.



# 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 Hub<sup>®</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.*



new

# Complete home heating

Introducing the newest products to the Wiser range, enabling mixed heating systems within the home. The Wiser Underfloor Heating Controller and the Wiser Electrical Heat Switch.

Now, in addition to creating individual zones using the Wiser Radiator and Room Thermostats, you can control your wet underfloor heating and electric underfloor heating or radiators.

Offering complete control of your entire heating system, no matter the application, via the Wiser Home app.

## Wiser Underfloor Heating Controller

- Set up and pairing via the Wiser Home app
- Flexible choice of zones
- Heating and cooling functionality
- 30 sec delay between switching relays
- Can be tested without installing a Hub<sup>R</sup>
- Can be set up and used without Wi-Fi
- Add up to 3 controllers and 16 zones
- Voice assistant control



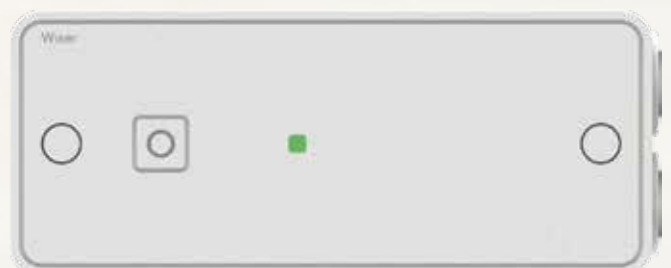


## Wiser Electrical Heat Switch

The new Wiser Electrical Heat Switch has a 16A relay for electrical heating and because it's hard wired it can act as a range extender for the whole Wiser system.

Suitable applications include:

- Electric radiators
- Electric towel rails
- Electrical underfloor heating
- Plinth heaters
- Infrared panel heater



# The Wiser Home 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 in  
the App Store  
– search  
Wiser Home



## Features



### Away Mode

Activate when away from home to reduce all set points and save 14% of energy.



### Eco Mode

Combines weather compensation & optimum stop for maximum savings.



### Schedules

Set time and temperature schedules for every device to ensure full multi-zoning efficiency.



### Insights & Heat Report

Track the system performance to adapt heating schedules and settings to save energy.



### Boost/cancel all

Boost all devices in the system or cancel all overrides - enables complete system testing with the tap of a button.



### Moments

Group multiple devices to be activated together to create a mood or 'moment'.



# Taking care of up to £575\* in energy bills

*Over 50% of a homes energy consumption is used for heating & hot water, Wiser can have a big impact on energy use and bills.*

Research by BEAMA shows that upgrading from basic heating controls to a smart multi-zone system like Wiser can offer savings of over 30% on an average heating & hot water bill. This equates to £375 saving per year.

Furthermore, data from Wiser users shows that utilising smart modes such as Away Mode and Eco Mode can save an additional £200 per year. Users could save an additional 7% by connecting Wiser to their smart meter to better manage their energy consumption.\*\*



Smart Thermostat  
18% saving



Individual Room Control  
19% saving



Smart Modes  
16% saving



## 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 I leave the house, activate Away Mode”*



## Wiser Plug

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










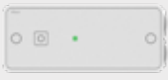

As well as being able to control your home appliances remotely, the Wiser Plug also has a built-in range extender to enable connectivity to devices further away from the Hub<sup>R</sup>.



### Features

- Quick commissioning via the Wiser Home app
- Set schedules via the app, 7 days a week, 8 events per day
- Requires Wiser Hub<sup>R</sup>
- 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

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 1 x 1 channel Hub <sup>R</sup> 1 x Wallplate 2 x AA batteries	One channel thermostat pack ideal for combi-boilers. Enables you to control heating via the Wiser Home app.	WT714R9K0902
<b>Wiser Thermostat Kit 2</b> 	1 x Room thermostat 1 x Thermostat stand 1 x Thermostat wall bracket 1 x 2 channel Hub <sup>R</sup> 1 x Wallplate 2 x AA batteries	Two channel thermostat pack ideal for conventional systems. Enables you to control heating and hot water via the Wiser Home app. Wire in existing cylinder thermostat for hot water control.	WT724R9K0902
<b>Wiser Thermostat Kit 3</b> 	2 x Room thermostats 2 x Thermostat stands 2 x Thermostat wall brackets 1 x 3 channel Hub <sup>R</sup> 1 x Wallplate 4 x AA batteries	Three channel thermostat pack ideal for properties with two heating zones. Enables you to control heating and hot water via the Wiser Home app. Wire in existing cylinder thermostat for hot water control.	WT734R9K0902
<b>Wiser Multi-zone Kit 1</b> 	2 x Radiator thermostats 1 x Room thermostat 1 x Thermostat stand 1 x Thermostat wall bracket 1 x 1 channel Hub <sup>R</sup> 1 x Wallplate 2 x M30x1.5mm ring nuts 2 x Drayton valve adaptors 2 x Danfoss RA valve adaptors 6 x AA batteries	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 Home app. Add more radiator thermostats to create more independent zones.	WV714R9K0902
<b>Wiser Multi-zone Kit 2</b> 	2 x Radiator thermostats 1 x Room thermostat 1 x Thermostat stand 1 x Thermostat wall bracket 1 x 2 channel Hub <sup>R</sup> 1 x Wallplate 2 x M30x1.5mm ring nuts 2 x Drayton valve adaptors 2 x Danfoss RA valve adaptors 6 x AA batteries	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 Home app. Add more radiator thermostats to create more independent zones.	WV724R9K0902
<b>Wiser Radiator Thermostat</b> 	1 x Radiator thermostat 1 x M30x1.5mm ring nuts 1 x Drayton valve adaptors 1 x Danfoss RA valve adaptors 2 x AA batteries	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>Wiser 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
<b>Wiser Plug</b> 	1 x Wiser Plug	Add up to 10 smart plugs to any system to enable remote scheduling of your home electrical appliances via the Wiser Home app.	WB704H1A0902
<b>Wiser Underfloor Heating Controller</b> 	1 x Underfloor Heating Controller 1 x DIN rail 1 x Remote antenna	Add this underfloor heating controller to your existing system to control UFH and radiators via the Wiser Home app. One room thermostat is required per zone. Works with all Wiser kits.	WF762F1A0902
<b>Wiser Electrical Heat Switch</b> 	1 x Electrical Heat Switch 1 x Accessories pack (screws, cable, clamps, plastic screw caps)	Add this electric heat switch to control electric radiators, electric towel rails, electric UFH via the Wiser Home app.	WE714U1A0902
<b>Wiser Remote Floor Sensor</b> 	1 x Remote temperature sensor	This remote temperature sensor will be required if you are fitting electrical underfloor heating and using the Wiser Electrical Heat Switch. You will also need a Wiser Room Thermostat for temperature control.	193720

# 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 most common boiler types. If you have a gravity fed system, please contact Customer Support for advice on compatibility.

## 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.

## 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 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.

## Can I control my underfloor heating with Wiser?

Yes. Our new Underfloor Heating Controller can be linked to your existing underfloor system Plus we also have an Electrical Heat Switch with 16A capacity to control electric UFH, electric radiators, plinth heaters and electric towel rails.

## 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, adaptors would need to be purchased and you can find more information on [wiser.draytoncontrols.co.uk](http://wiser.draytoncontrols.co.uk) For new installations, valve bodies will need to be purchased from your merchant.



## Become a Wiser Approved Installer

We're giving professional installers the chance to grow their business with Wiser.

Complete our Wiser training via our online training academy - the 9° Know How - and start to reap the benefits.

You'll get access to pricing perks, leads from our consumer website, extended warranties and VIP technical support.

Register for free and join the Wiser revolution.  
[www.9network.co.uk](http://www.9network.co.uk)

## Where can I find out more



**Get social:** Join our Facebook group to hear all the latest news, and get free Wiser training - search **The Drayton Community**.



**Get watching:** See all the videos on [youtube.com/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 technical

	Wiser Hub <sup>R</sup>	Wiser Room Thermostat	Wiser Radiator Thermostat	Wiser Plug	Wiser Underfloor Heating Controller	Wiser Electrical Heat Switch
Dimensions	148mm(w), 93mm(h), 31mm(d)	76mm(w), 76mm(h), 25mm(d)	93mm(h), 51mm(dia)	79.6mm(h), 67.9mm(w), 62.8mm(d)	305mm(w), 90mm(h), 65mm(d)	161mm(w), 65mm(h), 30mm(d)
Power supply	230V a.c. ±10% 50Hz	2x1.5V IEC LR6 (AA) alkaline batteries		230V a.c. ±10% 50Hz	230 V AC ±10% 50Hz	230 V AC ±10% 50Hz
Switch rating	2(1)A 230V a.c. each switch	N/A		13A Max / 3kW Max	3.15A	16A
Wiring	Fixed wiring only, to comply with current IET regulations (BS7671)	No wiring required		No wiring required	Fixed wiring only, to comply with current IET regulations (BS7671)	
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	User: Push Button/ LED	User: Push Button/ LED
Operating temperature	0°C to 45°C			0°C to 40°C	0°C to 50°C	0°C to 50°C
Storage temperature	-10°C to 55°C			-10°C to 40°C	-10°C to 55°C	-20°C to 65°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 20	IP 30	IP 44* To achieve IP44, silicon sealant should be used around mounting holes and cable entry glands.
Ambient humidity (non-condensing)	Operating 25% to 90%, Storage 15% to 95%			5% to 85%	Operating 25% to 85%, Storage 15% to 85%	Operating 25% to 90%, Storage 15% to 95%
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	75°C for the rear cover and 115°C for the front cover	78°C
Pollution degree	2					
Software class	A			N/A	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	4kV	
Radio technology/ frequency	2.4GHz (Bi-directional, Mesh)					
Radio signal range	30m			≤100m (in open air)	30m	

	Wiser Hub <sup>®</sup>	Wiser Room Thermostat	Wiser Radiator Thermostat	Wiser Plug	Wiser Underfloor Heating Controller	Wiser Electrical Heat Switch
Mounting	Industry standard wall plate	Wall bracket or desk stand	Radiator Valve	Std. UK 3 pin socket	DIN rail clips	Independently mounted control
Maximum radio frequency power transmitted	+17dBm (50mW)	+13dBm (20mW)		+8dBm (6.3mW)	+13dBm (25mW)	
Software version	6712093	6712090	6712089	V2.0	V1.0	V1.0
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	(RED)2014/53/EU RoHS 2011/65/EU	Radio Equipment Directives (RED) 2014/53/EU, RoHS directive 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	EN60730-1; EN60730-2-9, EN 300 328, EN62479	EN60730-1; EN60730-2-9; EN 300 328; EN 301 489-1
Sustainable offer status	Green Premium product			N/A	Green Premium product	

	On/Off Boiler	
	ErP Class	ErP Rating
Wiser Thermostat Kit 1	VII	3.5%
Wiser Thermostat Kit 2	VII	3.5%
Wiser Thermostat Kit 3	VII	3.5%
Wiser Multi-zone Kit 1	VII	3.5%
Wiser Multi-zone Kit 2	VII	3.5%





[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

### D126-10

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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 Home 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.

Made for the UK,  
in the UK.

**Drayton**  
by Schneider Electric