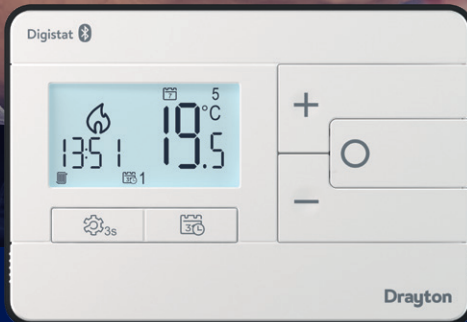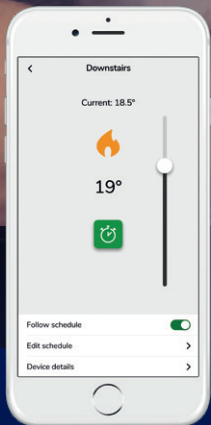Award Winning

Digistat Universal Thermostats

Wired and wireless Digistat room thermostats controlled via smartphone

OpenTherm

HEAT PUMP READY

Drayton

by **Schneider** Electric

Smart, simple, sustainable

Introducing the Digistat – an innovative range of wired and wireless digital thermostats. Bridging the gap between traditional and smart heating controls, the Digistat is simply smarter. One product suits any application and installation is as easy as ever.

Made for simplicity

Since it was first launched, the Digistat has come a long way. The third generation is simply the best; including all the popular features of the much-loved current models, and a whole host of new ones.

The Digistat has been transformed by Bluetooth connectivity. This means the user has the option to enable supreme heating control by using an app when they're at home. No need for them to interact with the thermostat – simply download and control.

But don't worry – for those who prefer traditional control, the user interface has been simplified to make programming from the thermostat easier. The choice is yours.

Made for every eventuality

Installation of the product couldn't be simpler. The wireless versions use the industry standard backplate on the receiver, so there is no re-wiring to be done and no disruption of décor involved in upgrading. Plus if there is an older version of the Digistat already installed, the new RF thermostat RF90T can be paired with the existing Drayton SCR for single channel use.

If the installation is in a larger property or is already zoned, our dual channel Digistats can provide the perfect solution. Available as both wired and wireless, they offer hot water control without the use of a separate programmer or the ability to control two heating zones on a combi boiler simply by adding another thermostat.

If an OpenTherm connection is required, we've got this covered too in our single and dual channel mains wired and single channel wireless versions.

Made for accessibility

The beauty of the Digistat is how versatile it is.

- This universal thermostat allows use as a 7-day, 5/2 day or 24-hour programmable thermostat or even as a simple room thermostat.
- Optional app control via a Bluetooth connection makes the Digistat suitable for any customer, from those who just want basic heating, to those who are more tech savvy and want to start their smart home journey.
- Audible feedback (optional) and recessed buttons make the Digistat a perfect solution for vulnerable tenants or those with visual impairments.
- Each variant also has the option to add service interval features.

> " This product would be great for those who want a simple-to-use programmable thermostat. Its temperature adjustment buttons that require minimal pressure make it ideal for those with dexterity impairments."

RiDC Research Institute for Disabled Consumers

Made for sustainability

As the drive towards Net Zero accelerates, we must all play our part to make a difference. Schneider Electric is the worlds leading Impact Company with long term commitments to environmental, social and governance responsibilities and at Drayton this underpins everything we do. From inception the Digistat has been designed with sustainability in mind:

- Optimised for heat pumps and electric heating
- Green Premium product
- Supplied in recyclable cartons
- Recyclable plastic
- Minimum use of in-box paper guides
- Responsibly managed supply chain
- Zero to landfill

" As the drive towards Net Zero accelerates we must all play our part to make a difference. Schneider Electric have been ranked the world's most sustainable company."

Made for app control

Building on the success and popularity of the Wiser Home app, the Digistat uses the same intuitive app to control heating and hot water when at home.
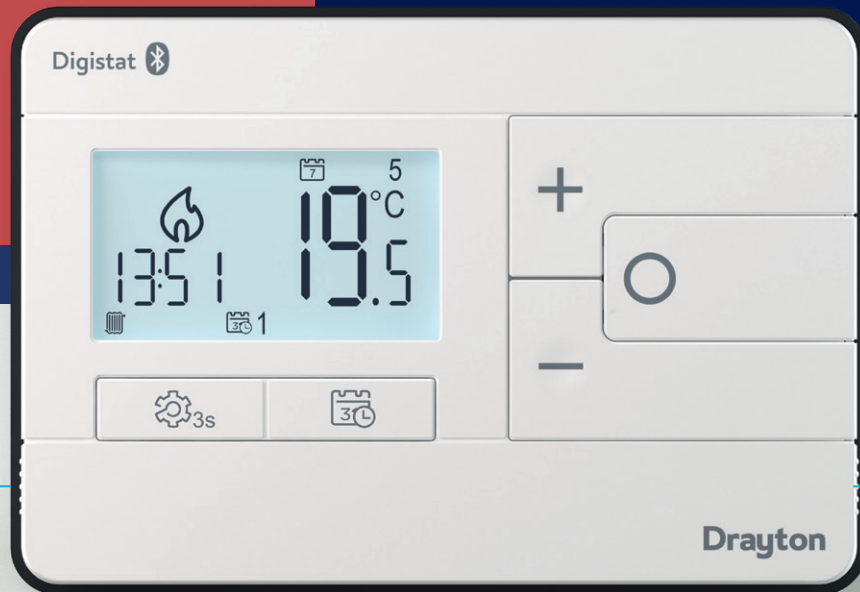
The Bluetooth connectivity means there's no need for Wi-Fi to be present in the property and use of the app is optional.

Ease of use of the Wiser Home app has been rated the top feature by customers, so it really does make heating control simple. Better control of home heating means maximum comfort, minimum energy usage and reduced energy bills.

Set & amend heating schedules

Adjust room temperature

Bluetooth connection

Timed Away Mode

Boost

Features

- Control via app or thermostat
- Universal solution
- Bluetooth connection
- No Wi-Fi required

Digistat ✻

🔥 **19**°C
13:51 **19.5**

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−

Drayton

Large backlit LCD display

Familiar Digistat features and operation

Option to programme using the app for in-home control via Bluetooth connection (no Wi-Fi needed) or manual control via the thermostat

Optimised settings for gas, oil, heat pumps and electric heating

Universal programming: can be used as 7-day, 5/2 day, 24 hour or simple room thermostat

Options

The Digistat universal thermostat offers the ultimate in control using the Wiser Home app via Bluetooth connectivity.

Digistat Battery 3A Relay 2290B

- Battery powered
- 2-wire connection for combi boilers
- Settings retained on battery change
- ErP Class IV = 2%
- 3A relay output

Digistat Mains 16A Relay with OpenTherm 2290M

- Mains powered
- 3-wire connection to the boiler
- ErP Class V = 3% using optional OpenTherm output for modulating boilers
- 16A relay for electrical heating

NEW Digistat Dual-Channel Mains 3A Relay with OpenTherm 22902

- Mains powered
- Control heating and hot water
- Designed for S plan systems
- ErP Class V = 3% using optional OpenTherm output for modulating boilers

Digistat Single-Channel RF with OpenTherm RF901

- Wireless version for combi boilers
- Receiver uses industry standard wallplate
- Automatic pairing out of the box
- Desk stand/wall clip provided for the thermostat
- ErP Class V = 3% using optional OpenTherm output for modulating boilers

Common features:

- Simple programming via the Wiser Home app in the home
- Boiler Plus compliant
- Large backlit LCD display
- ON/OFF load compensation
- Suitable for gas boilers, heat pumps, oil boilers or electric heating
- Universal thermostat
- Intelligent delayed start or optimum start
- New Boost feature
- Timed Away Mode
- Time and date factory set
- Automatic summer/winter time update
- 3 default programmes

Service interval: features

- Flexible service interval mode (reminder, reduced comfort or off)
- Adjustable warning/service period
- Visual indication on LCD and on app where used
- Selectable boost feature
- Selectable audible alarm
- Reset by installer's 4-digit code

One product. Two applications.

Digistat Dual-Channel RF902

Two Heating Zones with Combi Boiler

(additional thermostat RF90T sold separately)

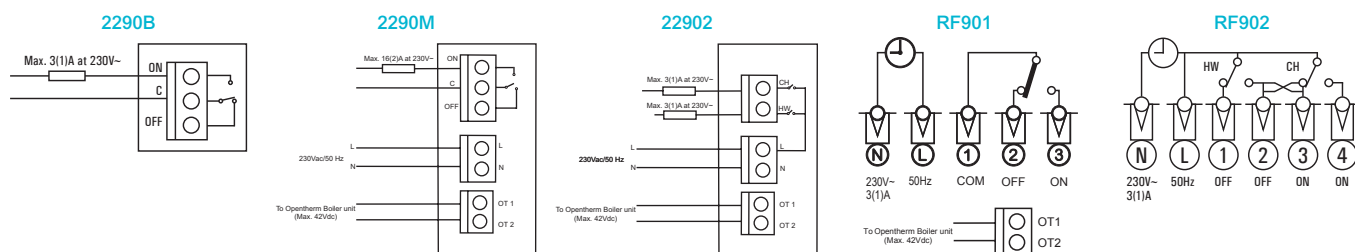### Control Heating and Hot Water

Part Numbers	
2290B	Digistat Battery 3A Relay
2290M	Digistat Mains 16A Relay with OpenTherm
22902	Digistat Dual-Channel Mains 3A Relay with OpenTherm NEW
RF901	Digistat Single-Channel RF with OpenTherm
RF902	Digistat Dual-Channel RF
RF90T	Digistat Additional RF Thermostat
RF90S	Digistat Single-Channel Receiver spare
RF90D	Digistat Dual-Channel Receiver spare

Technical

	Digistat Battery Relay 2290B	Digistat Mains Relay 2290M	Digistat Mains 2 Channel 22902	Digistat RF Thermostat RF90T	Digistat Single-Channel Receiver RF90S	Digistat Dual-Channel Receiver RF90D
Power supply	2 X AA 1.5V alkaline batteries	230VAC +/-10%, 50Hz	230VAC +/-10%, 50Hz	2 X AA 1.5V alkaline batteries	230VAC +/-10%, 50Hz	230VAC +/-10%, 50Hz
Switch type and rating	3(1)A at 230V/50Hz	16(2)A at 230V/50Hz	3(1)A 230V/50Hz	N/A	3(1)A at 24~230V/50Hz	3(1)A 230V/50Hz
Min. recommended current	SPDT (voltage free contacts) 10mA@24VAC (inductive)	SPDT (voltage free contacts) 10mA@24VAC (inductive)	SPDT 10mA@24VAC (inductive)	N/A	SPDT (voltage free contacts) 10mA@24VAC (inductive)	SPDT 10mA@24VAC (inductive)
Ambient temperature	Operating 0°C to 40°C Storage - 20°C to 65°C				Operating 0°C to 45°C Storage - 20°C to 65°C	
Ambient humidity (non condensing)	Operating 20% to 80% 90% non condensing					
Temperature range	5°C to 30°C	5°C to 30°C	5°C to 30°C	5°C to 30°C	N/A	N/A
Rated impulse voltage	4KV					
Ball pressure test	75°C					
Disconnection means	1B					
Automatic action	100,000 cycles	100,000 cycles	100,000 cycles	N/A	100,000 cycles	100,000 cycles
Operating frequency (Bluetooth)	2402-2480 MHz	2402-2480 MHz	2402-2480 MHz	2402-2480 MHz	N/A	N/A
Max RF Power transmitted (Bluetooth)	+10dBm	+10dBm	+10dBm	+10dBm	N/A	N/A
Pollution degree	2					
Protection level	IP30					
Radio frequency	N/A	N/A	433.92 MHz	433.92 MHz	433.92 MHz	433.92 MHz
Radio signal range	N/A	N/A	N/A	50m typically The range may be affected by the composition / density and number of walls between the thermostat and receiver		
Wiring	Designed for fixed wiring only, to comply with IET wiring regulations					
Energy Class	IV - 2%	V = 3%	V = 3%	See Receiver	V = 3%	IV = 2%
Relevant EC directives	2014/53/EU Radio Equipment Directive 2012/19/EU WEEE 2011/65/EU RoHS Directive					
Applied standards	EN60730-1 EN 60730-2-7 EN 60730-2-9 ESTI EN 300 328 ESTI EN 301 489 EN IEC 63000					
App system requirements	Android™ Version 9 or higher Apple® iOS 12 or higher Bluetooth version 4.2 or higher					
Sustainable offer status	Green Premium Product					

Internal wiring

2290B
Max. 3(1)A at 230V~
ON
C
OFF

2290M
Max. 16(2)A at 230V~
ON
C
OFF
230Vac/50 Hz
L
N
To Opentherm Boiler unit (Max. 42Vdc)
OT 1
OT 2

22902
Max. 3(1)A at 230V~
Max. 3(1)A at 230V~
CH
HW
230Vac/50 Hz
L
N
To Opentherm Boiler unit (Max. 42Vdc)
OT 1
OT 2

RF901
230V~ 3(1)A   50Hz   COM   OFF   ON
N   L   1   2   3
To Opentherm Boiler unit (Max. 42Vdc)
OT1
OT2

RF902
HW   CH
230V~ 3(1)A   50Hz   OFF   OFF   ON   ON
N   L   1   2   3   4

How do we measure up?

Thermostat
90mm
135mm
31mm

Receiver
94mm
122mm
35mm