

Digistat⁺ 2

Digistat⁺ 3



People



Products



Performance

NEW

HEATING



Programmable Room Thermostat

The perfect combination of flexibility and comfort

Drayton brings you a range of *Digistat+* programmable room thermostats, a breakthrough in programmable thermostats. It's easy to install, easy to use and offers a supreme level of heating control and comfort. The range comes with a wealth of big pluses for both installers and users.

- + Ideal for combi-boilers
- + Ideal for zoning with any boiler
- + 3 easy pre-defined programmes
- + Part L Compliant (Part J in Scotland)
- + Flexible and versatile comfort control

Controls are the face of your heating system*

The perfect combination for combi-boilers



Tap into a growing market

According to industry statistics, the programmable thermostat market grew by a staggering 123% between 2000 and 2004. Drayton Independent Research with end users indicated that this trend will continue as end-users appreciate the versatility and flexibility offered by programmable room thermostats. In addition combi-boilers now account

for 50% of the total domestic boiler market and this growth shows no signs of abating (source BSRIA 2003).

It's so easy. It suits our lifestyle perfectly*

The Range is a perfect combination for combi-boilers. It couldn't be simpler to install or easier to use. It's a "fit it and feel the comfort" product offering installers and users alike a hassle-free life. The battery-operated version requires the connection of only two wires and can replace a conventional thermostat without the need for additional wiring.

Total heating control to suit any lifestyle

Digistat+2 and Digistat+3 allows different temperatures to be set for different periods in the day or week, which provides an ideal solution for changing lifestyle patterns. It provides a "night set back feature" where a minimum temperature can be maintained at night. It also combines a low limit and high limit set point.

The user-friendly technology of the new range comes with a choice of 3 pre-defined programmes. The user simply selects the programme which suits their lifestyle best. They can if they prefer create their own individual programme quickly and easily or modify one of the existing options. *Digistat+2 and Digistat+3* offers the perfect combination of flexibility and comfort.

Ideal for zone control

The range is also ideal for zone control in larger properties alongside any boiler. It provides superior levels of comfort and energy savings by offering flexible heating zones throughout the home.

Temperatures upstairs in the bedroom, downstairs in the

lounge, in the conservatory, even in a loft conversion, to name but a few can all be individually tailored to the user's particular needs.

Making life easier for everyone

Digistat+2 and Digistat+3 offers intuitive easy programming, and a new stylish, contemporary design to complement any home's décor. And with a large, clear LCD display and simple controls, it's easy to read and use.

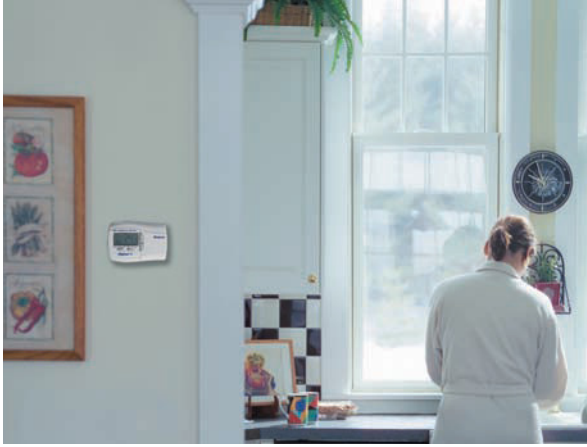
Automatic Summer/Winter time change

There's no need for manual Summer/Winter time changes as it automatically changes when the clocks go forward or back.

The pre-defined programmes are a great starting point*



Digistat+2 and Digistat+3 with their contemporary design, blend in with any house interior.



Pre-set clock

The real time clock is accurately set at the factory which means manually setting the time is a thing of the past.

Memory saver

The range has a handy memory saver function so in the event of a power failure the time and programme are always saved. There's nothing to reset whatsoever.

Access protection lock

The addition of a access protection lock provides peace of mind and reassurance of continued operation especially in public places as it makes the product tamper proof.

Intelligent delayed start function

When the weather is mild, intelligent delayed start reduces energy consumption by “delaying” the boiler start time as the boiler does not need to take its full pre-set time to reach the required temperature. This smart, environmentally friendly feature can mean savings of more than 10% on heating fuel and a reduction in harmful CO2 emissions without compromising on comfort.

Holiday mode

The holiday mode function is another plus. Householders can decide

to programme their thermostat to heat up their home ready for a return from holiday – no more coming back to a cold house or flat.

Override function

The ultimate in flexibility, the override function allows you to accommodate temporally unexpected changes to your lifestyle.

Fully compliant with Building Regulations

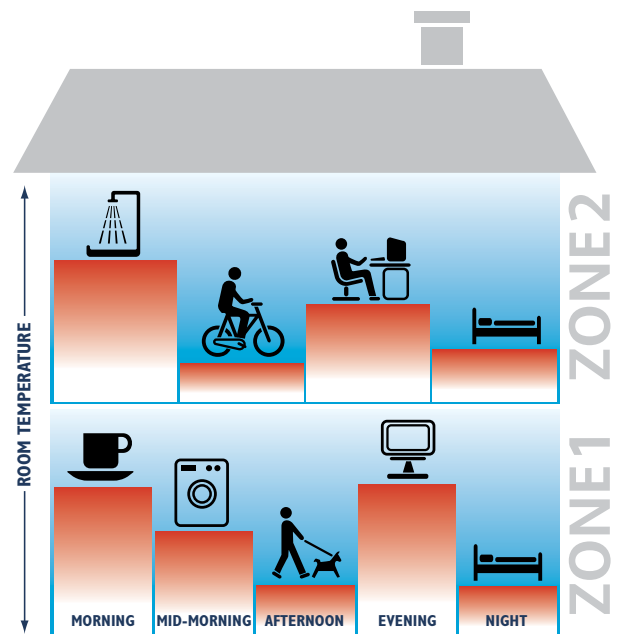
As Drayton products the range is of course fully compliant with Part L1 of the Building Regulations for England and Wales, and Part J of the Building Regulations for Scotland.

**Source Drayton research 2004.*

Features

- + Easy to use
- + Easy to programme using only 4 buttons
- + Memory saver-programme and clock never needs resetting in the event of power loss
- + Automatic summer, winter time change
- + Pre-set clock
- + 3 built-in standard pre-defined programmes
- + A choice of 2, 4 or 6 time/temperature events/day (user selectable)
- + Easy to read large LCD display (showing actual time and room temperature)
- + Easy temperature override
- + Holiday mode
- + Manual Mode
- + Temperature Limit locks (high & Low)
- + Intelligent Delayed Start option
- + 12/24 hour clock choice
- + Contemporary design
- + Part L Compliant (Part J in Scotland)
- + Suitable for combi boilers, electric heat, hydronic under-floor and zoning

“It’s user-friendly and full of great features”*

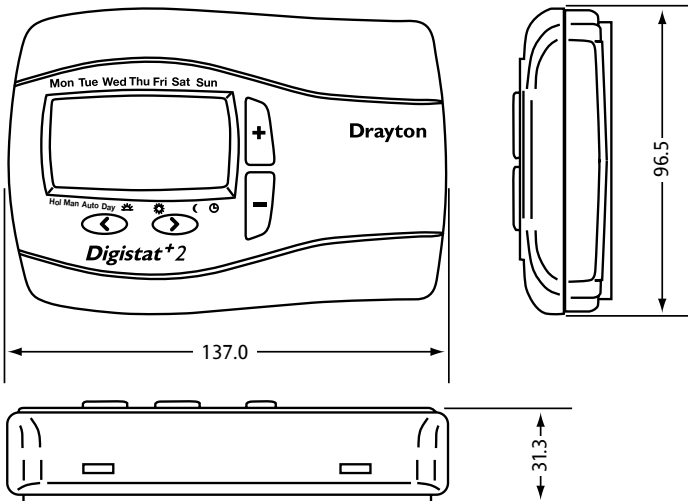


An illustration of zone control in a typical home.

Technical Data

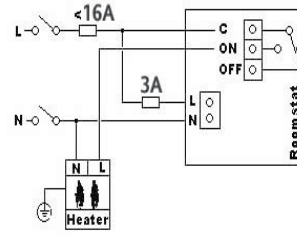
Model	22083/22084	22087/22088
Power supply	2 X AA 1.5V alkaline batteries	230V AC 50Hz
Battery life	3 years typical	–
Switch rating Heating (switch N.O.)	16(2)A 230 Vac	
Switch type	SPDT (voltage free contacts)	
Min. recommended current	10mA @24Vac (inductive)	
Ambient temperature	Operating 0°C to 50°C Storage – 20°C to 85°C	
Ambient humidity (non condensing)	Operating 25% to 85% Storage 15% to 95%	
Temperature range	0°C to 32°C	
Accuracy (between 7°C & 32°C)	0.5°C	
Timing resolution	1 minute	
Temperature resolution	0.1°C	
Rated impulse voltage	2.5KV	
Ball pressure test	75°C	
Pollution situation	Degree 2	
Protection level	IP30	
Wiring:	Designed for fixed wiring only, to comply with IEE wiring regulations	

Dimensions

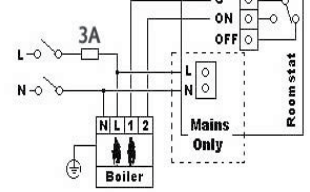


Typical wiring suggestions

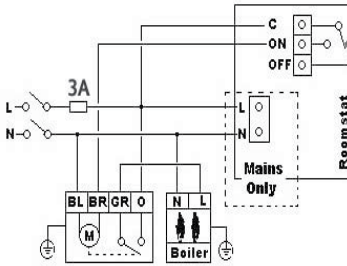
Electric Heat



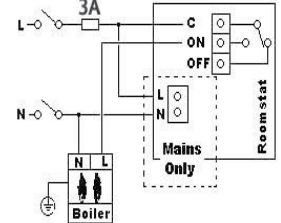
Combi Boiler



Basic Boiler with zone valve



Basic Boiler



Available from:

invenSYS
Controls

Customer Service Tel: 0845 130 5522
Customer Service Fax: 0845 130 0622
Technical Helpline Tel: 0845 130 7722
Email: customer.care@invensys.com
Website: www.draytoncontrols.co.uk



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