

Product Catalogue

Issue 22



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The Drayton Community

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Sustainability and Drayton's journey to net zero

Net zero refers to achieving an overall balance between emissions produced and emissions taken out of the atmosphere of the earth by an organisation. As part of Schneider Electric, Drayton's aim for the site in Plymouth is to be carbon neutral in our ecosystem by 2025.

Health & Safety is at the heart of the Drayton sustainability story, it's vital that we care for our people, customers and sites and strive for zero toxicity in our operations and products.

Schneider Electric is the world's leading Impact Company with long term commitments to environmental, social and governance responsibilities. These high standards are evident in the factory in Plymouth where these certificates have been awarded:

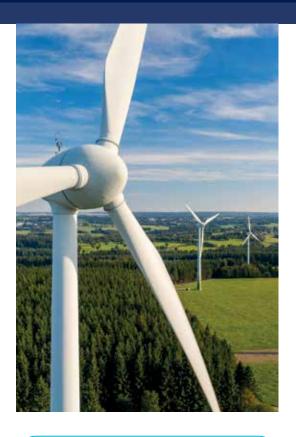
- ISO9001 Quality Management System
- ISO14001 Environmental Management System
- ISO45001 Occupational Health & Safety Management System
- ISO50001 Energy Management System

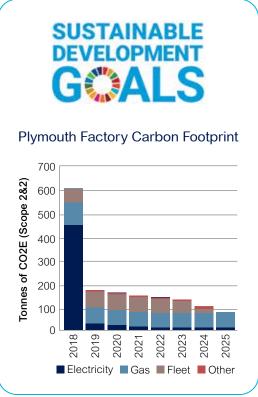
But Drayton's commitment to recycling goes beyond the requirements of the ISO14001 standard: since 2018 they have been operating with 'Zero to Landfill' - none of their waste ends up in landfill sites; everything is reused or recycled.

Energy usage is a major cause of carbon emissions and our aim is to reduce these by 10% year-on-year to reach the target of being carbon neutral by 2025. This will be achieved by using electricity from renewable sources, ensuring our car fleet work on EV charging and maximising the use of online or digital meetings.

Thanks to our continuous product and material improvements we now use only 100% recycled pallets, up to 70% recycled cardboard and we are working towards a fully circular supply chain economy. Our Green premium programme is ongoing and these products help our customers understand the carbon footprint and efficiencies of our products. Work is also ongoing to remove all single use plastics from the operation of the factory, and where this is not possible, due to alternatives being unavailable, all plastic used in packing on site will contain a minimum of 30% recycled material.







At Drayton we are continually improving and adding to our extensive range of products. Keep up to date on our latest innovations by visiting www.draytoncontrols.co.uk

Drayton Product Range



- Smart Controls
- Underfloor Heating Controls
- Electrical Heating Controls
- Thermostats
- Time Controls
- Motorised Valves
- Radiator Valves
- Control Packs
- Accessories









Boiler Plus compliance

Boiler Plus, which involved an update to the Domestic Services Compliance Guide came into effect in 2018. The revisions were introduced to help the government meet the EU's 2020 lower emission targets.

Requirement

All installations of gas boilers (both new and replacement) to have a minimum ErP efficiency of 92% and include both time and temperature controls.

Additional measures

If the installation is a combi boiler (both new or replacement) ONE of these additional measures needs meeting.

- Flue gas heat recovery systems*
- Smart controls featuring automation and optimisation
- Load compensation
- Weather compensation

Drayton compliance





Load compensation

Many Drayton products meet this measure due to the algorithms used in their software, including Wiser, the full Digistat range, plus the LP Clip-in controls.

Why make these changes?

The revisions set out new expectations for manufacturers and installers, to improve the energy performance standards for domestic heating in English homes, predominantly through the installation of heating controls.



Smart controls

Wiser satisfies this measure thanks to Eco Mode and Comfort Mode, both featuring optimisation and the 7 day scheduling within the app for automation.

*NB. Drayton doesn't offer a solution to meet the flue gas heat recovery measure since this is provided by the boiler manufacturers.

The Drayton range of products offers a solution for both combi and non-combi boiler installations, meaning you can continue to fit the thermostats and time controls you know and love, safe in the knowledge that your installation will meet with the new Building Regulations. Visit the Boiler Plus page on our website for more information.

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
- SAP listed

What makes 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



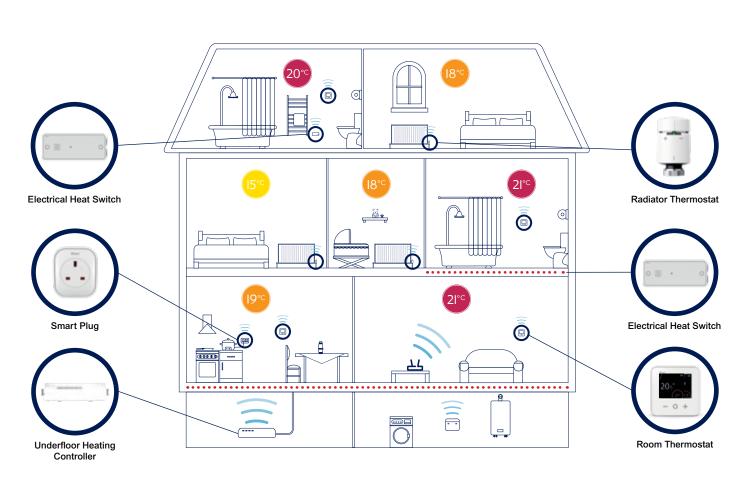
Heat Report & Insights

View and compare temperatures across single or multiple rooms









Your Wiser System

| Product Pack | Pack Contents | Description | Part Number |
|-------------------------------------|--|---|--------------|
| Wiser Thermostat Kit 1 | 1 x Room thermostat 1 x Thermostat stand 1 x Thermostat wall bracket 1 x 1 channel Hub ^R 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 |
| Wiser Thermostat Kit 2 | 1 x Room thermostat 1 x Thermostat stand 1 x Thermostat wall bracket 1 x 2 channel Hub ^R 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 |
| Wiser Thermostat Kit 3 | 2 x Room thermostats 2 x Thermostat stands 2 x Thermostat wall brackets 1 x 3 channel Hub ^R 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 |
| Wiser Multi-zone Kit 1 | 2 x Radiator thermostats 1 x Room thermostat 1 x Thermostat stand 1 x Thermostat wall bracket 1 x 1 channel Hub ^R 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 |
| Wiser Multi-zone Kit 2 | 2 x Radiator thermostats 1 x Room thermostat 1 x Thermostat stand 1 x Thermostat wall bracket 1 x 2 channel Hub ^R 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 |
| Wiser Radiator Thermostat | 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 |
| Wiser Room Thermostat | 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 |
| Wiser Plug | 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 |
| Wiser Underfloor Heating Controller | 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 |
| Wiser Electrical Heat Switch | 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 |
| Wiser Remote Floor Sensor | 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 |

Getting Technical

| | Wiser Hub ^R | 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 (A | A) 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 | g required | No wiring required | | only, to comply gulations (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) | Operatin | g 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) <0.8°C at 4°C/hour (with Radiator Thermostat) | | | N/A | | |
| 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 | | Α | | N/A | , | 4 |
| Without mains power | Display: LEDs off; Time: always kept; Programme times: always preserved | | | N/A | | |
| Rated impulse voltage | 2.5kV | N | /A | 2.5kV | 4 | kV |
| Radio technology/ frequency | | | 2.4GHz (Bi-dir | ectional, Mesh) | | |
| Radio signal range | | 30m | | ≤100m (in open air) | 30 |)m |
| 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 | n (20mW) | +8dBm (6.3mW) | +13dBm | ı (25mW) |
| Software version | 6712093 | 6712090 | 6712089 | V2.0 | V1.0 | V1.0 |
| Relevant directives | | re (RED) 2014/53/EU, Batter RoHS Directive 2011/65/EU | | (RED)2014/53/EU RoHS 2011/65/EU | (RED)2014/53/EU RoHS 2011/65/EU | (RED) 2014/53/EU, RoHS directive 2011/65/EU |
| Applied standards | EN60730-1; I | 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 Prem | nium 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% | |

Room Thermostat Range



RTS

The RTS range of thermostats utilise electronic sensing to provide accurate temperature control. Six models are available to suit all domestic applications including frost protection and combi boilers.



RTS8: Combistat

RTS9: Volt-free heating/cooling change over switch with

Using a simple, traditional dial, the CombiStat provides accurate temperature control, suitable for all 2 or 3 wire combination / conventional boilers (with current up to 6A).



RTS8 CombiStat

Models

RTS1: Standard model RTS2: With LED 'ON' indicator RTS3: Frost thermostat

RTS4: Volt-free contacts (Suitable for combi boilers)

call for heat LED indicator

Common Features

- Range limiting stops
- Set point locking

CombiStat

- Surface or conduit box mounting
- Double insulated

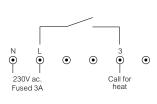
Wiring

Combistat Application

- Suitable for 2 or 3 wire combination / conventional boilers
- Ideal for 2 or 3 wire retro-fit applications

Wiring

Fig. 1 RTS1, RTS2, RTS3



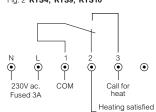


Fig. 2 RTS4, RTS9, RTS10

or call for cooling

| connection. No neutral. Load = 0.1A to 0.6A. le for most wet CH systems. Use this connection for gas CH systems, where there eutral wire, and follow set-up procedure. If current g above 0.6 amps, wire as 2 wire connection opposite. connection no Neutral. Use Ac./d.c. No. LOAD Call for heat 2 Acc./d.c. No. LOAD Call for heat 3 Acc./d.c. | 3 wire connection. Max load = 2A. Suitable for most wet CH systems. N LOAD Call for heat Custom Call for heat Load Call for heat Custom Call for he |
|---|--|

| 2 wire connection. No neutr Load = 0.6A to 6A. Typically for higher loads (i.e. electric heating) 24V-230V a.c./d.c. N Suitably rated fuse | ral. N A A A A A A A A A A A A |
|---|---|
| | |

| Product | Part No. |
|------------------------------|----------|
| RTS1 SPST contacts | 24001 |
| RTS2 SPST with LED indicator | 24002 |
| RTS3 SPST frost thermostat | 24003 |

| Product | Part No. |
|------------------------------|----------|
| RTS4 SPDT volt free contacts | 24004 |
| RTS8 CombiStat | 24028 |
| RTS9 SPDT volt free +LED | 24030 |

Getting Technical

| Model | RTS CombiStat | | |
|-----------------------------------|---|--|--|
| Power supply | 230V ac 50Hz fused 3A double insulated (no earth required) | 24-230V a.c./d.c. 50Hz fused 3A double insulated (no earth required) | |
| Switch rating | 2(1)A 230V a.c. | 6(2)A 230V a.c./d.c. | |
| Switch type | RTS1, 2 & 3: S.P.S.T RTS4, 9 & 10: S.P.D.T. Volt-free | S.P.S.T | |
| Wiring | Designed for fixed wiring only, to comply w | vith current IET wiring regulations (BS7671). | |
| Mounting | Suitable for surface or | r conduit box mounting | |
| Ambient temperature | Operating 0°C to 40°C / Storage −20°C to 55°C | | |
| Ambient humidity (non condensing) | Operating 25% to 90% / Storage 15% - 95% | | |
| Temperature range | RTS1, 2 , 4 & 9: 10 to 30°C RTS1, 2 , 4, 9 & 10: 14 to 30°C RTS3: 3 to 10°C | 10 to 30°C | |
| Control accuracy | <0.6°C at 4°/hour 1°C typical | 1°C typical | |
| Ball pressure test | 75°C | | |
| Pollution degree | 2 | | |
| Energy class | I = 1% (Acc. EU 811/2013, 812/2013, 813/2013, 814/2013) | | |
| Relevant directives | 2014/35/EU Low Voltage Directive; 2014/30/EU Electromagnetic Compatibility Directive; 2011/65/EU RoHS Directive | | |
| Applied standards | EN60730-1; | EN60730-2-9 | |

Room Thermostat Range

Digistat+ Wired Room Thermostat

Drayton's stylish Digistat+ with tactile, audible & visual feedback.
Featuring a familiar dial control with a digital display to show that the temperature has been set accurately every time. The product can be configured with a minimum temperature setting to protect the vulnerable.

Features

- · Conventional dial adjustment
- On/off load compensation
- · Tactile dial
- 1°C setting steps
- Tactile & audible feedback via click of the dial
- Visual feedback via digital display
- · Set-back feature
- Min/Max temperature setting
- Tamper-proof (set Min/Max the same)
- · Battery powered
- Digital display situated above dial for ease of reading

Digistat+ RF Wireless Room Thermostat

The Digistat+RF includes all thefeatures of the Digistat+ with theadded benefit of wireless connectivity. Wireless thermostats are quick and easy to install saving you, and your customer, time and hassle.

Benefits

- No carpets and floor-boards to lift
- No damage to wall coverings
- · No unsightly surface wiring
- Positioning no longer restricted to areas accessible by cable runs
- BOILER PLUS

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 mostats

 all saving you,

 end basele
 - No brick or plaster work to chase out
 - No damage to fabrics and furnishings in the process

Getting Technical

| Model | Digistat [*] | Digistat [⁺] RF | SCR Receiver | |
|-----------------------------------|---|---|--------------------------------|--|
| Power supply | 2 X 1.5V IEC LR6(AA) alkaline batteries | 2 X 1.5V IEC LR6(AA) alkaline batteries | 230V a.c. 50Hz | |
| Switch rating | 2(1)A 12-230V a.c./d.c. Volt free | | 2(1)A 230V a.c. or 24V a.c/d.c | |
| Switch type | SPDT | | SPDT (voltage free) | |
| Wiring | Designed for fixed wiring only, to comply w | ith current IET wiring regulations (BS | S7671). | |
| Mounting | Suitable for surface or conduit box mounting | Suitable for surface or conduit box mounting | Industry standard wall plate | |
| Battery life | 2 years typical | | N/A | |
| Ambient temperature | Operating 0°C to 40°C / Storage –20°C to 55°C | | | |
| Ambient humidity (non condensing) | Operating 25% to 90% / Storage 15% - 95% | | | |
| Temperature range | 5°C to 30°C | | | |
| Temperature resolution | 1.0°C | | | |
| Control accuracy | + 0.5K @ 20°C | | | |
| Ball pressure test | 75°C | | | |
| Pollution degree | 2 | | | |
| Protection level | IP30 | | | |
| Software class | А | | | |
| Radio frequency | N/A 433 MHz | | | |
| Radio signal range | N/A 30m typically. The range may be affected by the composition / density and number of walls between the thermostat and receiver. | | | |
| Energy class | IV = 2% (Acc. EU 811/2013, 812/2013, 813/2013, 814/2013) | | | |
| Relevant directives | 2014/35/EU Low Voltage Directive; 2014/30/EU Electromagnetic Compatibility Directive; 2006/66/EC Batteries Directive; 2011/65/EU RoHS Directive | 2014/53/EU Radio Equipment Directive 2006/66/EC Batteries Directive 2011/65/EU RoHS Directive | | |
| Applied standards | EN60730-1; EN60730-2-9 | EN60730-1; EN60730-2-9; EN 300 220-2; EN 301 489-3 | | |

| Product | Part No. |
|-----------------------------------|----------|
| Digistat+ | 30002 |
| Digistat+RF room thermostat & SCR | RF601 |

| Product | Part No. |
|-----------------------------------|----------|
| Digistat+RF room thermostat spare | 31003 |
| Digistat+ SCR spare | 22149 |

For wiring diagrams please visit draytoncontrols.co.uk

Digistat+1 Wired Room Thermostat

Drayton's stylish Digistat+1.
Featuring large buttons and an easy to read large and clear digital display to show that the temperature has been set accurately. The product cal

set accurately. The product can be configured with a minimum temperature setting to protect the vulnerable.

Features

- Easy to use only 4 buttons
- On/off load compensation
- Visual feedback via digital display
- · Comfort feature
- Set-back feature
- Min/Max temperature setting



(set Min/Max the same)

- · Battery powered
- Part L compliant (Part J in Scotland)

Digistat+1RF Wireless Room Thermostat

Digistat+1RF offers the same 'easy to use' features of Digistat+1 with the additional benefit of wireless

connectivity making it even easier to install.

The Digistat+ wireless system provides a cost effective solution to the problems encountered during the installation of a standard wired room thermostat.

Renefits

- No carpets and floorboards to lift
- No damage to wall coverings
- No unsightly surface wiring
- Positioning no longer restricted to areas accessible by cable runs
- No brick or plaster work to chase out
- No damage to fabrics and furnishings in the process

Getting Technical

| Model | Digistat+1 (Battery) | Digistat+1 (Mains) | Digistat+1RF | SCR (receiver) | |
|------------------------------------|--|---|---|---|--|
| Power supply: | 2 X 1.5V IEC LR6(AA) alkaline batteries | 230V a.c. 50Hz | 2 X 1.5V IEC LR6(AA) alkaline batteries | 230V a.c. 50Hz | |
| Switch type & rating: | SPDT 16(2)A 230V a.c. Volt free | | N/A | SPDT (voltage free) 2(1)A 230V a.c. or 24V a.c/d.c | |
| Min. recommended current: | 10mA@24V a | .c. (inductive) | N/A | | |
| Wiring: | Design | ed for fixed wiring only, to comply w | ith current IET wiring regulations (B | nt IET wiring regulations (BS7671). | |
| Mounting: | Suitable for surface or | conduit box mounting | Suitable for surface or conduit box mounting | Industry standard wall plate | |
| Battery life: | 2 years typical | N/A | 2 years typical | N/A | |
| Ambient temperature: | | Operating 0°C to 40°C | /Storage –20°C to 55°C | | |
| Ambient humidity (non condensing): | | Operating 25% to 90% / Storage 15% to 95% | | | |
| Temperature range: | 5°C to 30°C | | | | |
| Temperature resolution: | 0.5°C | | | | |
| Control accuracy: | + 0.5K @ 20°C | | | | |
| Ball pressure test: | 75°C | | | | |
| Pollution degree: | 2 | | | | |
| Protection level: | IP30 | | | | |
| Software class: | A | | | | |
| Radio frequency: | N/A | | 433 MHz | | |
| Radio signal range: | N/A 30m typically. The range may be affected by the composition density and number of walls between the thermostat and received the composition of | | | | |
| Energy class: | IV = 2% (Acc. EU 811/2013, 812/2013, 813/2013, 814/2013) | | | | |
| Relevant directives: | 2014/35/EU Low Voltage Directive, 2014/30/EU Electromagnetic Compatibility Directive, 2006/66/EC Batteries Directive, 2011/65/EU RoHS Directive | | 2014/53/EU Radio Equipment Directive, Batteries Directive 2006/66/EC, 2011/65/EU RoHS Directive | | |
| Applied standards: | EN60730-1; I | EN60730-2-9 | EN60730-1; EN60730-2-9; E | EN 300 220-2; EN 301 489-3 | |

| Product | Part No. |
|----------------------|----------|
| Digistat+1 (Battery) | 22192 |
| Digistat+1 (Mains) | 22193 |

| Product | Part No. |
|------------------------------------|----------|
| Digistat+1RF room thermostat & SCR | RF710 |
| Digistat+1RF room thermostat spare | 22190 |
| Digistat+ SCR spare | 22149 |

For wiring diagrams please visit draytoncontrols.co.uk

Digistat Universal Thermostats

Smart, simple, sustainable

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



| Part Numbers | \$ |
|--------------|--|
| 2290B | Digistat Battery 3A Relay |
| 2290M | Digistat Mains 16A Relay |
| RF901 | Digistat Single-Channel RF |
| RF902 | Digistat Dual-Channel RF |
| RF90T | Digistat Additional RF Thermostat |
| RF90S | Digistat Single-Channel Receiver spare |
| RF90D | Digistat Dual-Channel Receiver spare |

Common features

- Simple programming via the Wiser Home app in the home (via local Bluetooth connection)
- Boiler Plus compliant
- Large backlit LCD display
- ON/OFF load compensation
- Settings to optimise use with gas boilers, heat pumps, oil boilers or electric heating
- Can be used as 7day, 5/2day, 24hr programmable thermostat or as a simple room thermostat
- 12 or 24hr clock
- Intelligent delayed start or optimum start
- 5th button simplifies programming from the thermostat
- New Boost feature
- Timed Away Mode
- Time and date factory set
- Automatic summer/winter time update
- 3 default programmes

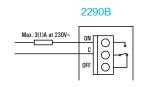
Service interval features

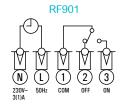
- Flexible service interval mode (reminder, reduced comfort or off)
- Adjustable warning period
- Adjustable service period
- Visual indication on LCD and on app where used
- Selectable boost feature
- Selectable audible alarm
- Reset by installer's 4-digit code

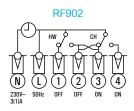
Technical

| Model | Digistat Battery Relay 2290B | Digistat Mains Relay 2290M | Digistat RF Thermostat RF90T | Digistat Single-Channel Receiver RF90S | Digista Dual-Channel Receiver RF90D |
|--------------------------------------|--|-------------------------------|--|--|--|
| Power supply | 2 X AA 1.5V alkaline batteries 230VAC +/-10%, 50Hz 2 X AA 1.5V alkaline batteries | | | 230VAC +/-10%, 50Hz | |
| Switch type and rating | 3(1)A at 230V/50HZ | 16(2)A at 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) | | N/A | SPDT (voltage free contacts) 10mA@24VAC (inductive) | SPDT 10mA@24VAC (inductive) |
| Ambient temperature | Operatin | g 0°C to 40°C Storage - 20°C | C to 65°C | Operating 0°C to 45°C Storage - 20°C to 65°C | |
| Ambient humidity (non condensing) | | Operati | ng 20% to 80% 90% non cor | ndensing | |
| Temperature range | | 5°C to 30°C | | N | /A |
| Rated impulse voltage | | | 4KV | | |
| Ball pressure test | 75°C | | | | |
| Disconnection means | 1B | | | | |
| Automatic action | 100,000 cycles | | N/A | 100,000 cycles | |
| Operating frequency (Bluetooth) | 2402-2480 MHz | | N/A | | |
| Max RF Power transmitted (Bluetooth) | +10dBm | | N/A | | |
| Pollution degree | 2 | | | | |
| Protection level | IP30 | | | | |
| Radio frequency | N | /A | | 433.92 MHz | |
| Radio signal range | | | 50m typically ay be affected by the composition / density and walls between the thermostate and receiver | | |
| Wiring | Designed for fixed wiring only, to comply with IET wiring regulations | | | | |
| Energy Class | IV = 2% | | See Receiver | IV = 2% | |
| Relevent 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 | | | 3000 | |
| 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







How do we measure up?

Thermostat 135mm 31mm



Time Controls



Electro-mechanical Timeswitches & Programmers

SM1 & SM2

The SM1 single channel timeswitch and SM2 twin channel programmer give style and ease of use to suit most domestic pumped and gravity heating systems.

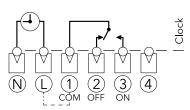
Features

- · Single and dual channel
- · Advance feature
- · LED on indication
- Intuitive time setting for two ON/OFF periods per day
- 4 position slide (ease of setting)
- Suitable for gravity and pumped systems
- · All day option
- Industry standard wallplate

| Product | Part No. |
|---------|----------|
| SM1 | 29205 |
| SM2 | 29206 |

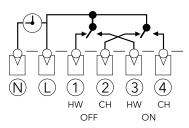
Wiring

Single Channel: SM1 Timeswitch



Link L and 1 for 230 V output

Dual Channel: SM2 Programmer





Getting Technical

| Model | SM1 & SM2 |
|-----------------------------------|---|
| Power supply | 230V a.c. +10% -10% 50Hz |
| Switch rating | 2(1)A 230V a.c. each switch |
| Wiring | Designed for fixed wiring only, to comply with current IET wiring regulations (BS7671). |
| Mounting | Industry standard wall plate |
| Output | Programmers; 230V a.c. Timeswitches: according to supply to common terminal - volt-free contacts |
| Ambient temperature | Operating: 0 to 45°C Storage: 0 to 50°C |
| Ambient humidity (non condensing) | Operating 25% to 90% Storage 15% to 95% |
| Programming resolution | 20 minutes |
| Ball pressure test temperature | 75°C |
| Pollution degree | 2 |
| Rated impulse voltage | 2.5kV |
| Relevant directives | 2014/35/EU Low Voltage Directive 2014/30/EU Electromagnetic Compatibility Directive 2011/65/EU RoHS Directive |
| Applied standards | EN60730-1; EN60730-2-7 |

Lifestyle LP and LPSi

Electronic Timeswitches & Programmers

Features

- Easy to use
- Automatic summer/winter time change
- Memory saver programme and clock never need resetting in the event of loss of power
- Easy to read, backlit screen
- · Contemporary design
- Pre-set clock
- On/once/timed/off switching options
- 3 timing periods per day
- Programme advance buttons, with LCD indication
- Boost, giving 1, 2 or 3 hours with LCD indication
- Holiday Mode
- All programmers suitable for fully pumped or gravity heating systems
- Timeswitches are ideal for combination boilers and control of additional zones etc. (volt free contacts)
- Industry standard wallplate
- Part L Compliant (Part J in Scotland)
- Proven reliability

Extra features for LPSi

- Service period selectable
- · Reduces comfort level
- · Warning period
- Visual indication on LCD
- Audible alarm
- · Backlit display flashes proving visual warning
- Separate reset unit (sold separately)



With all the features of Drayton's market leading LP time controls, the LPSi features a service interrupter to alert householders when their boiler service is due. Thirty days before the boiler is due to be serviced the LPSi enters a warning period. During this time, the backlit display flashes providing a visual warning and the resident can read when the service is due on the display. All buttons/programming features are fully functional during this time. If the boiler is not serviced despite the warnings, the LPSi will then reduce the temperature level in the property to a safe but uncomfortable level, encouraging the resident to call an engineer to check their heating system.

| Product | Timing Periods | Part No. |
|--------------------|--|----------|
| LP111 Timeswitch | 24 hour | 25477 |
| LP711 Timeswitch | 7 day | 25478 |
| LP811 Timeswitch | Universal Timeswitch (24hr, 5day/2day, 7day) | 25463 |
| LP112 Programmer | 24 hour (common timings for heating & hot water) | 25473 |
| LP241 Programmer | 24 hour (separate timings for heating & hot water) | 25474 |
| LP522 Programmer | 5 day/2 day (separate timings for heating & hot water) | 25475 |
| LP722 Programmer | 7 day (separate timings for heating & hot water) | 25476 |
| LP822 Programmer | Universal Programmer (24hr, 5day/2day, 7day) | 25464 |
| LPSi Reset Unit | | 25489 |
| LP241Si Programmer | 24 hour (separate timings for heating & hot water) | 25490 |
| LP522Si Programmer | 5 day/2 day (separate timings for heating & hot water) | 25491 |
| LP722Si Programmer | 7 day (separate timings for heating & hot water) | 25492 |
| LP111Si Timeswitch | 24 hour | 25493 |
| LP711Si Timeswitch | 7 day | 25494 |

The Lifestyle LP and LPSi Range of programmers and time switches have a well established reputation for quality and reliability.

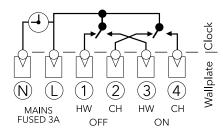
Now extra features make these popular products even easier to use for both installer and home-owner. The Lifestyle range has automatic summer/winter time adjustment, making the bi-annual summer/winter manual reset a thing of the past. In addition, the LP range has an accurate, preset clock, virtually eliminating the need for time adjustments through the product's life. The clock is pre-set at the factory, so installers can focus on completing other tasks instead of spending time setting or re-setting the clock during installation.



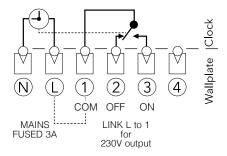
Available to suit most combination and conventional boiler systems, the time controls allow up to three time periods per day. LED's give an instant indication of the unit's operational status, while advance buttons allow additional control over the set programme. The LP range has large buttons and uncomplicated controls, and its streamlined design makes it one of the most visually appealing products in the market today. Lifestyle LP products are also supplied in Drayton's range of control packs for mid position or zone valve installations.

Wiring

Programmer



Timeswitch



Getting Technical

| • | |
|-----------------------------------|---|
| Model | LP and LPSi |
| Power supply | 230V a.c. +10% -10% 50Hz |
| Switch rating | 2(1)A 230V a.c. each switch |
| Wiring | Designed for fixed wiring only, to comply with current IET wiring regulations (BS7671). |
| Mounting | Industry standard wall plate |
| Output | Programmers; 230V a.c. Timeswitches: according to supply to common terminal - volt-free contacts |
| Ambient temperature | Operating: 0 to 50°C / Storage: -20 to 50°C |
| Ambient humidity (non condensing) | Operating 25% to 90% / Storage 15% to 95% |
| Timing resolution | 1 minute |
| Programming resolution | 1 minute |
| Ball pressure test temperature | 75°C |
| Pollution degree | 2 |
| Software class | А |
| Without mains power | Display: Blank Time and Programme: Always retained |
| Rated impulse voltage | 2.5kV |
| Relevant directives | 2014/35/EU Low Voltage Directive 2014/30/EU Electromagnetic Compatibility Directive 2006/66/EC Batteries Directive 2011/65/EU RoHS Directive |
| Applied standards | EN60730-1; EN60730-2-7 |

LP Clip-in Controls

For Worcester boilers

Features

- Clip-in controls
- · Suitable for Worcester boilers
- 4 pack options
- Simple wireless installation
- Wireless receiver built into the LP devices
- Signal strength indicator
- On/off load compensation
- 7 day programmes
- 3 on/off periods per day
- Automatic summer/winter time updates
- Pre-programmed on/off periods
- Dedicated advance buttons
- 12 or 24 hour back-lit digital display
- Holiday function
- Pre-wired with PCB connector



LP10RF Single Channel Programmer & Digistat +2RF

Wirelessly bound, the LP10RF and Digistat+2RF provide control of heating and hot water. The 24 hour programmable room thermostat function of the Digistat+2 RF enables time and temperature control of the heating and the LP10RF offers 7 day hot water control.

| Product | Part No. | Replaces Worcester Product |
|---|----------|----------------------------|
| LP10RF Single Channel Programmer & Digistat +2RF | RF560DR | 7 716 192 052 |
| LP10RF Single Channel Programmer spare | 22589DR | 8 716 106 667 0 |
| Digistat+2RF thermostat spare | 22090 | - |



LP20 Dual Channel Programmer

The LP20 is a dual channel programmer that simply clips into the boiler providing control of central heating, and hot water if required.

| Product | Part No. | Replaces Worcester Product |
|------------------------------|----------|----------------------------|
| LP20 Dual Channel Programmer | 25039DR | 7 716 192 038 |



LP10RF Single Channel Programmer & Digistat +3RF

Wirelessly bound, the LP10RF and Digistat+3RF provide control of heating and hot water. The Digistat+3RF enables flexible 5day/2day or 7 day time and temperature scheduling of the heating and the LP10RF offers 7 day hot water control.

| Product | Part No. | Replaces Worcester Product |
|--|----------|----------------------------|
| LP10RF Single Channel Programmer & Digistat+3RF | RF561DR | 7 716 192 053 |
| LP10RF Single Channel Programmer spare | 22589DR | 8 716 106 667 0 |
| Digistat+3RF thermostat spare | 22090 | - |

LP20RF Dual Channel Programmer & Digistat +RF

The LP20RF is a dual channel programmer providing 7 day time control of heating and hot water. The LP20RF is wirelessly linked to the Digistat+RF which provides temperature control of the heating. The traditional dial on Digistat+RF makes it really simple for homeowners to adjust the temperature as required.

| Product | Part No. | Replaces Worcester Product |
|---|----------|----------------------------|
| LP20RF Dual Channel Programmer & Digistat+RF | RF562DR | 7 716 192 054 |
| LP20RF Dual Channel Programmer spare | 22590DR | 8 716 106 669 0 |
| Digistat+RF thermostat spare | 31003 | - |



Getting Technical

| Model | LP20 | LP20RF Receiver | LP10RF Receiver | Digistat+RF Ther- mostat | Digistat +2RF Thermostat | Digistat +3RF Thermostat |
|--|--|----------------------|--------------------|--|-----------------------------|-----------------------------|
| Power supply: | 24Vd.c. less than 65mA | | 2 | xAA 1.5V alkaline batte | eries | |
| Ambient operating temperature: | | 0°C to | +50°C | 0°C to +40°C | | |
| Ambient storage temperature: | | N/A | | −20°C to 55°C | | |
| Humidity operating range: | 30 - 9 | 5% non-condensing up | to 45°C | 25 - 90% non condensing up to 45°C | | to 45°C |
| Temperature setting range: | | N/A | | 5°C to 30°C | 5°C to 32°C | |
| Control accuracy: | | <± 1 sec/day @ 25°C | | | + 0.5°C @ 20°C | |
| Battery life: | | N/A | | approx | . 2 years (with alkaline | batteries) |
| Battery backup time & date: | | | 10 yea | ars min. | | |
| Timing resolution: | | | 1 n | ninute | | |
| Hot water &/or central heating programs: | | 7 days | | N/A | 1 day | 7 days |
| Hot water pre-heat settings: | | 3 ON / 3 OFF | | | N/A | |
| Central heating settings: | 3 ON | 3 ON / 3 OFF N/A | | 6 p | er day | |
| Radio frequency: | N/A | 433 MHz | | | | |
| Radio signal range: | N/A 30m typically. The range may be affected by the composition / density and number of walls between the thermostat and receiver. | | number | | | |
| Mounting: | Boiler mounted Suitable for surface mounting | | nting | | | |
| Wiring: | No wiring required | | | | | |
| Class of operation: | | II | | | N/A | |
| Class of protection / Degree of protection: | IP20 | IF | 224 | | IP30 | |
| Pollution degree: | 2 | | | | | |
| Software class: | A | | | | | |
| Ball pressure test: | | | 9 | 0°C | | |
| Energy class: | N/A | | IV = 2% (Acc. EL | J 811/2013, 812/2013, 81 | 13/2013, 814/2013) | |
| Relevant directives: | 2014/53/EU Radio Equipment Directive 2006/66/EC Batteries Directive 2011/65/EU RoHS Directive | | | | | |
| Applied standards: | | | | 30-2-7; EN60730-2-9 2; EN 301 489-3 | | |

Two Port & Mid Position Valves

Motorised Valves

The Drayton 2 port, diverter and mid-position valves are available in 22mm and 28mm. All models feature "snap-on" actuators and have industry-standard wiring and dimensions.





Features

- "Snap-on" actuators can be removed at the push of a button
- 2 Port, diverter and mid-position available in 22mm and 28mm
- 100% tight shut off
- Manual lever and valve position indicator
- Spring return
- Replaceable actuators
- Replaceable motors
- Simple industry-standard wiring
- Complete assembly easily replaces most makes

| Product | Part No. |
|---|----------|
| Complete valve and actuator | |
| 22mm 2 Port zone valve - 5 wire SPST switch | 27100 |
| 22mm Mid-position valve - 5-wire SPST switch | 27101 |
| 22mm 3 Port diverter valve - no switch | 27102 |
| 22mm 3 Port diverter valve - 5 wire SPST switch | 27111 |
| 28mm 2 Port zone valve - 6 wire SPDT switch | 27205 |
| 28mm Mid-position valve - 6 wire SPDT switch | 27206 |
| 28mm 3 Port diverter valve - no switch | 27207 |
| | |

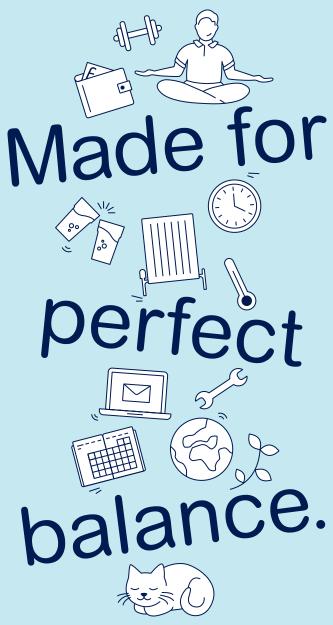
| Spare valve bodies | Part No. |
|--------------------|----------|
| 22mm 2 Port body | 27600 |
| 22mm 3 Port body | 27602 |
| 28mm 2 Port body | 27601 |
| 28mm 3 Port body | 27603 |

| Spare actuators | Part No. |
|---|----------|
| 3 Wire Zone valve 230V actuator - no switch | 27652 |
| 5 Wire Zone valve 230V actuator - SPST switch | 27650 |
| 6 Wire Zone valve 230V actuator - SPDT switch | 27653 |
| 3 Wire Zone valve 24V actuator - no switch | 27654 |
| 5 Wire Zone valve 24V actuator - SPST switch | 27656 |
| 5 Wire Zone valve 24V actuator - SPST switch | 27657 |
| Mid-position actuator 230V | 27651 |

| Spare Motor | Part No. |
|-----------------------------|-------------|
| Synchronous motor pack 230V | 27011 |
| Synchronous motor pack 24V | 06170002001 |

Getting Technical

| Model | Motorised Valves |
|--|--|
| Standard motor voltage | 230V a.c. 5 watts |
| Valve operation 2 Port: Diverter: Mid-position: | Standard valves – energise to open Energise to open port A Heating, hot water or a combination of both |
| Operating time 2 Port: Diverter: | Motor 14 secs., spring return 6 secs. Motor 12 secs., spring return 6 secs. |
| Max. static pressure | 8.6 bar |
| Max. differential pressure | 0.7 bar |
| Water temperature | 93°C max., 2°C min |
| Max. ambient temperature | 52°C |
| Valve body | Brass forging |
| Connections | 22mm compression; 28mm compression |
| Lead length | 1 Metre |
| Switch ratings | 24v – 230V a.c. 3(1)A |



Auto-balancing TRVs

Made for a permanently balanced heating system and reduced home energy bills. Reducing waste by an average of 8.8%, our auto-balancing TRVs ensure your customers are always happy, making cold spots and call-backs a thing of the past. They're quick and easy to install too, helping you find more balance in your day.

Made for the UK, in the UK.

Drayton TRV 4



Thermostatic Radiator Valves

TRV4

Britain's best loved TRV4 range now includes a new Anthracite version to match the very popular anthracite radiators. The TRV4 Classic and TRV4 White have achieved the highest Class I rating for energy efficiency under the certification scheme of the European valve manufacturers association (TELL).

The rating is based on how quickly a TRV reacts to changes in room temperature; how effectively it maintains stable room temperature; and how it performs after changes in water temperature and system pressure. Replacing a less efficient TRV with the Drayton Class I rated TRV4 will show immediate and real saving in energy usage.

Over and above energy efficiency, the TRV4 sets the standards for design, performance and quality. The TRV4 range includes matching chrome lockshields and pushfit packs to suit most domestic and commercial heating systems.

Features

- Contemporary slim-line design
- Ultra sensitive liquid-filled sensor
- Easy to clean smooth surfaces
- · Half/full click stop settings
- Frost protection position
- Flow rate adjustment
- Four stylish options of Classic, Chrome, White and Anthracite
- Complete with chrome valve
- · Non-stick internals
- Pre-setting
- Double gland seal



Getting Technical

| TRV4 Classic and White Thermostatic Radiator Valve | Integral sensor | Remote sensor | |
|---|--------------------------------|------------------|--|
| Maximum sensor temperature | 50°C | | |
| Setting numbers | 1 to 5 then MAX | 1 to 7 then MAX | |
| ★ Frost protection | Below 8°C | | |
| Temperature setting range | 1 to max = approx 10°C to 30°C | | |
| Sensitivity | 0.22mm/°C | | |
| Hysteresis | 0.4 K | 0.6 K | |
| Water temperature influence | 0.8 K | 0.4 K | |
| Differential pressure influence | 0.15 K | 0.10 K | |
| Response time | 20 minutes | | |
| Control accuracy | 0.6 | 0.6 | |

TRV4 Classic and White only

| | | • |
|----------------------|--------------------|-------|
| TELL Thermostatic Ef | ficiency Label | |
| Manufacturer | Schneider Electric | |
| Product | TRV4 Classic and \ | White |
| RegNo. | 10727-20211210 | |
| Energy | | • |
| | | |
| "" | | |
| IV | | |
| V | | |
| VI | | |
| | | |
| www.tell-online.eu | | |





TRV4 White





| Product | Part No. |
|---|-----------|
| TRV4 Classic | |
| Sensing head only | 07 25 006 |
| With 15mm angle valve | 07 05 150 |
| With 15mm straight valve | 07 05 151 |
| With 15mm angle valve and chrome lockshield | 07 05 180 |
| Sensing head with 2m remote sensor | 07 25 007 |



TRV4 Chrome

| Product | Part No. |
|--|------------|
| TRV4 Chrome | |
| Sensing head only | 07 03 013 |
| With 15mm angle valve | 07 05 150C |
| With 15mm straight valve | 07 05 151C |
| With 15mm angle valve and chrome lockshield | 07 05 174 |
| With 15mm straight valve and chrome lockshield | 07 05 175 |



TRV4 Anthracite

| Product | Part No. |
|--|-----------|
| TRV4 Anthracite | |
| With 15mm angle valve and chrome lockshield | 07 05 210 |
| With 15mm straight valve and chrome lockshield | 07 05 211 |

TRV4 Accessories and Adapters

| Product | Part no. |
|---|-----------|
| 16 x 2mm PEX/multi layer pipe adapter (5 Pack) | 07 35 016 |
| 15mm to 8mm copper adapter (50 pack) | 07 35 408 |
| 15mm to 10mm copper adapter (50 pack) | 07 35 410 |
| 2m extension kit to mount head away from radiator | 07 55 002 |
| Tamper guard (6 Pack) | 07 35 269 |
| White manual wheel head/isolating cap | 07 35 123 |
| Presetting Key | 07 35 162 |



Scan the QR code to discover the secrets of the TRV4

Thermostatic Radiator Valves

RT414 & RT212

The Drayton TRVs are manufactured in our UK factory in Plymouth and are rigorously tested to conform to the Keymark EN215 standard which is recognised throughout Europe.

The 15mm angled valve can be mounted vertically or horizontally on flow or return Drayton TRVs all contain liquid-filled sensors to ensure optimum sensitivity, increasing the reaction speed to temperature changes. Using TRVs on a system can save 18% of energy consumption, reducing waste and saving money on homeowners bills.

Features

- All Drayton TRV sensing heads feature range limiting to prevent tampering
- All Drayton TRV sensing heads contain liquid sensors for the ultimate in accuracy and energy saving
- Range limiting
- 8°C frost position
- Positive OFF position
- Double gland seal
- Reverse flow valve (15mm angle)
- White wheelhead caps available (part no. 07 35 123) converts valve body into balancing/isolating valve to replace lockshield
- Chrome caps available, used to replace plastic decorator caps Part No 06222 09 00 01
- Full range of accessories; automatic by-pass valves, pushfit elbows and lockshield valves
- Drayton TRV heads are designed to be interchangeable with any other valve body in the Drayton TRV range

RT414

- Chrome valve with presetting
- Non-stick valve internals and replaceable upper gland seal
- · Radiators can be balanced from the TRV

RT212

- Entry-level TRV
- Chrome fixed-flow valve
- · Liquid-filled sensor



Getting Technical

| Model | |
|--------------------------------------|---------------------|
| Maximum sensor operating temperature | 50°C |
| Setting numbers | 1 to 6 |
| * Frost protection | 8°C |
| Temperature setting range | Approx.12°C to 29°C |
| Sensitivity | 0.22mm/°C |

EN215 Keymark Test

| Model | RT212 | RT414 |
|---------------------------------|--------|--------|
| Hysteresis | 0.45K | 0.35K |
| Water temp. influence | 0.9K | 1K |
| Differential pressure influence | 0.15K | 0.15K |
| Response time | 20mins | 22mins |
| Control Accuracy | 0.6 | 0.6 |



The Keymark is a voluntary European quality mark for products and services, that demonstrates compliance with strict European Standards. Particularly for consumers, the Keymark stands for real added value, it shows that an independent third party has certified the quality of these products.

The Keymark also complements CE marking in the case of those products for which this is a legal requirement, thus serving to boost consumer confidence throughout Europe.





Key Features

- Accurate liquid-filled sensor
- Stylish head design
- Chrome valve with presetting and non-stick internals

| Product | Part No. |
|--|-----------|
| RT414 Sensing head only | 10 10 099 |
| RT414 with 15mm angle valve | 10 10 015 |
| RT414 with 15mm straight valve | 10 10 115 |
| RT414 with 15mm angle valve & lockshield | 10 10 260 |
| RT414 with 15mm angle DOTP lockshield | 10 10 264 |



RT212 Thermostatic Radiator Valve

Key Features

- Entry-level model
- Accurate liquid-filled sensor
- Chrome valve with fixed-flow rate

| Product | Part No. |
|---|-----------|
| RT212 with 15mm angle valve | 08 09 015 |
| RT212 with 15mm straight valve | 08 09 115 |
| RT212 with 15mm angle & lockshield | 08 09 260 |
| RT212 with 15mm angle & DOTP lockshield | 08 09 264 |
| RT212 with 10mm angle and lockshield | 08 09 273 |

NEW Auto-balancing TRVs

Drayton Auto-balancing TRVs are a must for every installation. Not only will they save your customers 8.8% of energy consumption by ensuring their heating system is permanently balanced: They will also save you time at installation. Adjustable via the Drayton balancing key, or a spanner, once set, these valves will constantly automatically adjust according to pressure changes in the system and ensure correct flow temperatures to improve boiler efficiency.

Auto-balancing TRV4



Auto-balancing RT414



Features

- · For energy efficiency
- Keymark approved to EN215
- Drayton's iconic TRV4 design
- Sensitive liquid-filled sensor
- Full/half click stop settings
- Frost protection position
- Lead-free brass valve body

| Product | Part No. |
|--|-----------|
| Auto-balancing TRV4 angle with lockshield | 07 05 560 |
| Auto-balancing TRV4 straight with lockshield | 07 05 561 |

Features

- Budget option
- Keymark approved to EN215
- Sensitive liquid-filled sensor
- Frost position
- · Positive OFF position
- Lead-free brass valve body

| Product | Part No. |
|---|-----------|
| Auto-balancing RT414 angle with lockshield | 10 10 560 |
| Auto-balancing RT414 straight with lockshield | 10 10 561 |

Valve bodies

Valve bodies are also available to purchase on their own, for retrofit solutions.

| Product | Part No. |
|------------------------------------|-----------|
| Auto-balancing 15mm angle valve | 07 15 560 |
| Auto-balancing 15mm straight valve | 07 15 561 |

EB Lockshields, Manual Valves & EB Body Range

EB Lockshields & Manual Valves

Suitable for domestic radiators and towel rails, available in chrome finish to suit the Drayton TRV range.

Getting Technical

| Model | Lockshield and Manual Valve |
|-----------------------------------|--|
| Maximum working pressure | 10 bar |
| Maximum working pressure | 3 bar (Push-fit) |
| Maximum differential pressure | 0.6 bar |
| Recommended differential pressure | 0.2 bar |
| Maximum ambient temperature | 50°C |
| Maximum flow water temperature | 120°C |
| Maximum flow water temperature | 110°C (Push-fit) |
| Connections | Compression fittings meet EN 1254-2 |
| Standards | Conforms to BS 2767-10 |

NEW All chrome lockshields

| Product | Part No. |
|--|-----------|
| 15mm angle locksheild with chrome cap | 07 05 917 |
| 15mm straight lockshield with chrome cap | 07 05 918 |

Chrome finish to match all Drayton TRVs

| Product | Part No. |
|--|-----------|
| 15mm angle lockshield with white cap | 07 05 900 |
| 15mm angle lockshield with drain off tap | 07 05 901 |
| 15mm drain off tap | 07 05 902 |
| 15mm LS+integral DO | 07 05 903 |
| 10mm push-fit elbow | 07 05 904 |
| 15mm push-fit elbow | 07 05 905 |
| 15mm straight lockshield with white cap | 07 05 906 |
| 10mm compression elbow | 07 05 907 |
| 15mm compression elbow | 07 05 908 |



15mm angle lockshield with white cap Part No 07 05 900



15mm straight lockshield with chrome cap Part No 07 05 918



15mm LS+integral DO Part No 07 05 903

EB Body Range

Features

- PES internals, these have proved resistant to sticking in systems that are installed in hard water areas
- · Pre-setting as standard
- · Attractive chrome finish
- Double gland seal, top seal replaceable without draining down
- Reverse flow 15mm angle body can be mounted on the radiator flow or return

Metric Fittings

| Product Range | Body Type | Description | Part No. |
|----------------|-------------------------------|-------------|-----------|
| ******* | 10mm angle | EB 10 A | 07 15 182 |
| | 15mm angle EB 15 A | | 07 15 180 |
| | 15mm straight | EB 15 S | 07 15 181 |
| | 15mm corner angle left | EB 15 CAL | 07 15 196 |
| | 15mm corner angle right | EB 15 CAR | 07 15 197 |
| | 15mm angle with chrome cap | EB 15 AC | 07 15 215 |
| والنهج | 15mm straight with chrome cap | EB 15 SC | 07 15 216 |



10mm PF elbow in chrome Part No 07 05 904



15mm DSO TP Chrome Part No 07 05 902



10mm Comp Elbow Part No 07 05 907 15mm Comp Elbow Part No 07 05 908

Commercial Radiator Controls

Commercial Lockshields

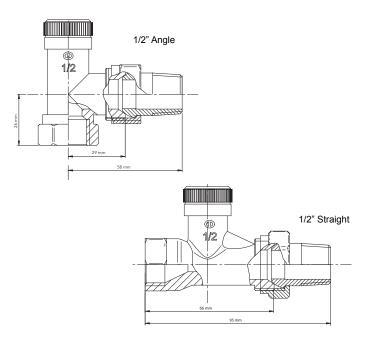
Drayton now offers a complete range of radiator controls for commercial applications. Typically using iron or steel pipe in imperial dimensions, these applications require a range of high-quality fittings with greater mechanical strength.

The Drayton range includes valves and lockshields for commercial applications as well as a RadPack containing TRV4 head, 1/2" angle valve and lockshield.



Features

- Superior mechanical strength in standard D-Series valve dimensions
- · Satin-nickel finish to match EB valves
- 3/8" versions available on demand





| Product | Part No. |
|---|-----------|
| TRV4 commercial radiator pack (TRV4 head with 1/2" angle valve and 1/2" angle lockshield) | 07 05 187 |
| ½" Angle | 08 08 920 |
| ½" Straight | 08 08 921 |
| ¾" Angle | 08 08 924 |

Getting Technical

Lockshields with manual adjustment via allen key.

| Lockshields with manual adjustment via allen key | | |
|--|------------------------------|--|
| Finish: | Satin Nickel plated, EN12540 | |
| Maximum working pressure: | 10 bar | |
| Test Pressure: | 16 bar | |
| Maximum ambient temperature: | 50°C | |
| Maximum flow water temperature: | 120°C | |

Max Flow (fully open) Kvs

| | | Conne | ections | Flow Limitation: Kv-values (m3/h) for number of turns | | | | | | | | | | |
|------------|-----------|-------|---------|---|------|------|------|------|------|------|------|------|------|-----|
| Туре | Prod. No. | Sys. | Rad. | 0.25 | 0.50 | 0.75 | 1.00 | 1.50 | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 | Kvs |
| DN 15 ang. | 08 08 920 | 1/2" | 1/2" | 0.2 | 0.4 | 0.5 | 0.65 | 1 | 1.3 | 1.7 | 1.9 | 2.1 | 2.3 | 2.5 |
| DN 15 Str. | 08 08 921 | 1/2" | 1/2" | 0.2 | 0.4 | 0.5 | 0.65 | 1 | 1.3 | 1.7 | 1.9 | 2.1 | 2.3 | 2.5 |

Commercial Valves

Two-Pipe Systems

| Product Range | Body Type | Description | Part No. |
|---------------|-----------------|-------------|-----------|
| | 3/8" angle | EB 3/8" A | 07 15 190 |
| | 3/8" straight | EB 3/8" S | 07 15 191 |
| 11-8- | 1/2" angle | EB 1/2" A | 07 15 214 |
| | 1/2" straight | EB 1/2" S | 07 15 185 |
| | 1/2" side angle | EB 1/2" SA | 07 15 179 |
| | 3/4" angle | EB 3/4" A | 07 15 186 |
| | 3/4" Straight | EB 3/4" S | 07 15 187 |

Single-Pipe Systems

| Product Range | Body Type | Description | Part No. |
|---------------|---------------------------|-------------|-----------|
| | 1/2" angle single pipe | EB 1/2" ASP | 07 15 621 |
| | 1/2" straight single pipe | EB 1/2" SSP | 07 15 624 |
| | 3/4" angle single pipe | EB 3/4" ASP | 07 15 622 |
| | 3/4" straight single pipe | EB 3/4" SSP | 07 15 625 |
| | 1" angle single pipe | EB 1" ASP | 07 15 623 |
| | 1" straight single pipe | EB 1" SSP | 07 15 626 |

TRV Accessories

Unlocking the secrets

Drayton have been manufacturing our market leading TRV4 in Britain for over 25 years. To ensure these really are a TRV for life, these accessories are now available to buy.



| Product Range | Body Type | Description | Part No. |
|---------------|-------------------------------------|--|---------------------------------------|
| | Balancing key | To set flowrates and maintain valve health | 07 35 162 (pack of 2) |
| | Balancing key and gland seal kit | Replacement gland seals to maintain long-term valve health | 07 35 009 (one key and 2 seals) |
| | Range pin TRV4 | Spare temperature range limiting pins | 07 35 126 (pack of 10 pins) |
| | Manual cap | To convert your TRV into a manual valve | 07 35 123 (pack of 5) |
| | Chrome decorative cap | To convert your TRV into a chrome manual valve | 07 35 125 (pack of 2) |
| | Decorator cap | To close the valve when decorating or removing a radiator | 07 35 124 (pack of 5) |
| | 2m valve extension kit | To mount the TRV4 head away from the valve, for example when the TRV is sited behind curtains or furniture | 07 55 002 |
| | TRV4 tamper guard | To prevent unwanted adjustment of the temperature setting in public spaces | 07 35 269 (pack of 6) |

Automatic By-Pass Valve

The automatic by-pass valve is designed to maintain a minimum flow rate in heating systems fitted with thermostatic radiator valves.

Features

- · Maintains optimum flow
- Automatic operation
- · Set and forget
- Ensures quiet operation
- · High quality
- Reliable



Getting Technical

| Model | Automatic By-Pass Valve |
|------------------|-------------------------|
| Connections | 22mm |
| Setting range | 0.05 to 0.5 Bar |
| Working pressure | 16 bar |
| Working temp. | 120°C Intermittent |

| Product | Part No. |
|------------------------------|-----------|
| 22mm angle auto bypass valve | 07 02 020 |

Application

The automatic by-pass valve is designed to maintain a minimum flow rate in heating systems fitted with thermostatic radiator valves. When all the TRVs are open the by-pass valve remains closed, allowing the full boiler output to circulate around the heating system.

As TRVs sense that selected room temperatures are reached and start to close, the by-pass valve starts to open, maintaining optimum flow through the boiler and so eliminating possible damage to the boiler and pump. Installation of the by-pass valve will minimise noise often experienced when flow through the boiler decreases.

Installation

The by-pass should be installed between the flow and return with flow in the direction of the arrow.

If a higher capacity is required for large installations it is possible to install two or more valves in parallel.

Setting

The valve can be manually adjusted from 0.05 Bar to 0.5 Bar. A setting of 0.2-0.3 Bar is sufficient for most common installations. If the differential pressure is too low or the by-pass flow is too high, the pressure setting should be increased. If the differential pressure is too high or the by-pass flow too low, the pressure setting should be decreased.

HTS3 Cylinder Thermostat

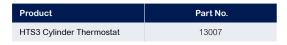
The HTS3 cylinder thermostat controls the domestic hot water temperature to suit your lifestyle and gives energy savings when set between the recommended 60°C to 65°C. Positive On/Off for test purposes.

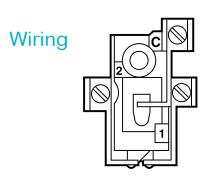
FeaturesEasy fixing to hot water cylindersSuited to all systemsTamper resistantDouble insulated



Getting Technical

| Model | Automatic By-Pass Valve |
|-------------------|--|
| Sensing element | Bi-metal |
| Temperature range | 50°C to 80°C |
| Switch rating | 3 (1) A 230V a.c. |
| Switch type | S.P.D.T. |
| Differential | 8°C approximately |
| Fixing | Plastic coated spring wire, hook and eye |
| Wiring | To comply with the current IET regulations |





Digistat⁺ CRF Wireless Cylinder Thermostat

Drayton's stylish wireless
Digistat+CRF with tactile, audible
& visual feedback. Featuring a
familiar dial control with a digital
display to show that the temperature
has been set accurately every time.

- User adjustable Min/Max temperature setting
- Digital display situated above dial for ease of reading

The Digistat+CRF cylinder thermostat controls the domestic hot water temperature to suit your lifestyle and gives energy savings when set between therecommended 60°C to 65°C.



Getting Technical

| Model: | Digistat +CRF | SCR (receiver) | | | |
|------------------------------------|--|---|--|--|--|
| Power supply: | 2 X 1.5V IEC LR6(AA) alkaline batteries | 230V a.c. 50Hz | | | |
| Switch type and rating: | N/A | SPDT (voltage free) 2(1)A 230V a.c. or 24V a.c/d.c | | | |
| Wiring: | Designed for fixed wiring only, to comply with current IET wiring regulations (BS7671). | Ø 0.5mm² 2 core cable between sensor and thermostat | | | |
| Mounting: | Thermostat: Suitable for surface or conduit box mounting Sensor: Direct mounting onto cylinder | Industry standard wall plate | | | |
| Battery life: | 2 years typical | N/A | | | |
| Ambient temperature: | Operating 0°C to 50°C / Storage – 20°C to 55°C | | | | |
| Ambient humidity (non condensing): | Operating 25% to 90% / Storage 15% to 95% | | | | |
| Temperature range: | 40°C to 70°C | | | | |
| Control accuracy: | +0/-8°C | | | | |
| Control algorithm: | On / Off | | | | |
| Temperature resolution: | 5°C | | | | |
| Ball pressure test: | 75°C | | | | |
| Pollution situation: | Deg | ree 2 | | | |
| Protection level: | IP | 30 | | | |
| Pollution class: | 2 | | | | |
| Software class: | А | | | | |
| Radio frequency: | 433 MHz | | | | |
| Radio signal range: | 30m typically. The range may be affected by the composition / density and number of walls between the thermostat and receiver. | | | | |
| Relevant directives: | 2014/53/EU Radio Equipment Directive Batteries Directive 2006/66/EC, 2011/65/EU RoHS Directive | | | | |
| Applied standards: | | EN60730-2-9 ; EN 301 489-3 | | | |
| | | | | | |

Features

- Conventional dial adjustment Tactile dial
- 5°C setting steps
- Tactile & audible feedback via click of the dial
- Visual feedback via digital display
- Min/Max temperature setting
- Battery powered
- Digital display situated above dial for ease of reading

| Product | Part No. |
|---|----------|
| Digistat*CRF cylinder thermostat & SCR & sensor | 13616 |
| Digistat*CRF SCR receiver spare | 22598 |
| Digistat+CRF transmitter spare | 13618 |
| Digistat⁺CRF sensor spare | 13619 |

Wiring

Digistat+C RF Cylinder Thermostat



| | Volt fre | e cont | acts |
|--|------------------|--------|----------------------------|
| SCR Receiver N L O O O 230V ac. Fused 3A | 1 • Common | 2 | 3 • Call for heat |

Heating satisfied or call for cooling

PTS1 Pipe Thermostats

The PTS1 Pipe Thermostat can be used in domestic or commercial installations for applications such as high or low limit.

It is typically used in conjunction with the Drayton RTS3 Air Frost Thermostat*, to provide two stage frost protection for boilers and exposed pipework.



Getting Technical

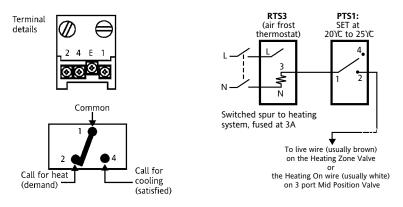
| Frost protection solution when used in conjunction with the RTS3 air frost thermostat |
|--|
| Changeover contacts Lockable setting knob High or low limit applications Conduit adaptor/gland seal Concealed cover fixing screw |

| Product | Part No. |
|---------|-----------|
| PTS1 | 03 01 260 |

| Model: | PTS1 |
|-----------------------------|--------------------|
| Setting range | 20°C to 90°C |
| Ambient temperature | –35°C to 120°C |
| Switching differential | 8k |
| Sensitivity | 1k/min |
| Switch type | SPDT (volt free) |
| Switch rating | 15(2.5)A 230V a.c. |
| Sensing element | liquid |
| Knob locking device | Supplied |
| Fixing wire | Supplied |
| Enclosure protection rating | IP40 |

^{*}See page 39 for frost thermostat

Wiring



For boiler frost protection use PTS1 in conjunction with RTS3

Tapstat Cylinder Controls

Self-acting tapstats control domestic hot water temperatures on gravity or pumped primary systems preventing scalding and fuel wastage.

Features

- High quality
- Self acting (non electric)
- Range limiting stops
- Remote sensor with 2m capillary
- Compression fittings for copper pipe
- Simple to install

| Product | Part No. |
|------------------------------|-----------|
| 15mm 2-way Tapstat (Pumped) | 07 45 015 |
| 15mm 3-way Tapstat (Pumped) | 07 45 016 |
| 28mm 2-way Tapstat (Gravity) | 07 45 017 |

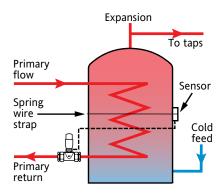
15mm 3 way 28mm 2 way 15mm 2 way

Getting Technical

| Model: | Tapstat |
|-------------------------------|--|
| Max. static pressure | 147 psi (10 bar) |
| Max. primary flow temperature | 100°C continuous 120°C intermittent |
| Max. differential pressure* | 15mm 2 way 59 psi (4 bar) 15mm 3 way 29 psi (2 bar) 28mm gravity 7 psi (0.5 bar) |
| KV value (fully open) | 15mm 2 way 1.1 15mm 3 way 1.1 28mm gravity 4.6 |
| Setting range | 32°C to 72°C |

* The differential pressures stated are maximum limits. It is not recommended that Tapstats are used at pressures above 8.8 psi (0.6 bar) as noise may be experienced in the system

Installation



The gravity tapstat may be fitted in the primary flow line if preferred

Control Packs



Biflo Control Packs

| Part No. | Programmer | Room Stat | Cylinder Stat | Valve | Wiring Centre | ErP rating |
|----------|------------|-----------|---------------|--------------------|---------------|------------|
| PBBE66 | LP241 | RTS1 | HTS3 | 22mm Mid Position* | LWC1 | 1% |
| PBBE66S | LP241Si | RTS1 | HTS3 | 22mm Mid Position | LWC1 | 1% |
| PBBE669S | LP241Si | RTS9 | HTS3 | 22mm Mid Position | LWC1 | 1% |
| PBBE68 | LP241 | RTS1 | HTS3 | 22mm Mid Position* | LWC3 | 1% |
| PBBE86 | LP522 | RTS1 | HTS3 | 22mm Mid Position* | LWC1 | 1% |
| PBBE86S | LP522Si | RTS1 | HTS3 | 22mm Mid Position | LWC1 | 1% |
| PBBE869S | LP522Si | RTS9 | HTS3 | 22mm Mid Position | LWC1 | 1% |
| PBBE88 | LP522 | RTS1 | HTS3 | 22mm Mid Position* | LWC3 | 1% |
| PBBE96 | LP722 | RTS1 | HTS3 | 22mm Mid Position* | LWC1 | 1% |
| PBBE969S | LP722Si | RTS9 | HTS3 | 22mm Mid Position | LWC1 | 1% |
| PBBE98 | LP722 | RTS1 | HTS3 | 22mm Mid Position* | LWC3 | 1% |
| SMBE362 | SM2 | RTS1 | HTS3 | 22mm Mid Position | LWC1 | 1% |
| SMBE382 | SM2 | RTS1 | HTS3 | 22mm Mid Position | LWC3 | 1% |



Twinzone Control Packs

| Part No. | Programmer | Room Stat | Cylinder Stat | Valve | Wiring Centre | ErP rating |
|----------|------------|-----------|---------------|------------------|---------------|------------|
| PBTE66 | LP241 | RTS1 | HTS3 | 2 x 22mm 2-Port* | LWC1 | 1% |
| PBTE68 | LP241 | RTS1 | HTS3 | 2 x 22mm 2-Port* | LWC3 | 1% |
| PBTE86 | LP522 | RTS1 | HTS3 | 2 x 22mm 2-Port* | LWC1 | 1% |
| PBTE88 | LP522 | RTS1 | HTS3 | 2 x 22mm 2-Port* | LWC3 | 1% |
| PBTE96 | LP722 | RTS1 | HTS3 | 2 x 22mm 2-Port* | LWC1 | 1% |
| PBTE98 | LP722 | RTS1 | HTS3 | 2 x 22mm 2-Port* | LWC3 | 1% |
| SMTE362 | SM2 | RTS1 | HTS3 | 2 x 22mm 2-Port | LWC1 | 1% |

Further pack options including untimed versions are available on request. *For 28mm versions, add B to the end of the part number.



Unvented Control Packs

| Part No. | Programmer | Room Stat | Cylinder Stat | Valve | Wiring Centre | ErP rating |
|----------|------------|-----------|---------------|--------------|---------------|------------|
| UWH62 | LP241 | RTS1 | - | 22mm 2-Port* | LWC1 | 1% |
| UWH72 | LP112 | RTS1 | | 22mm 2-Port* | LWC1 | 1% |
| UWH82 | LP522 | RTS1 | - | 22mm 2-Port* | LWC1 | 1% |
| UWH92 | LP722 | RTS1 | - | 22mm 2-Port* | LWC1 | 1% |



Frost Protection Pack

| Part No. | Room Stat | Pipe Stat |
|----------|-----------|-----------|
| FPP1 | RTS3 | PTS1 |

Our packs are designed to provide you with all the controls you need for your heating system installation.

Covering new build to retrofit and suitable for single zone combi boiler installs to multi-zone heating & hot water, all in one handy box.



PBTE115 - New Digistat Wired Pack



PBTE910 - 3 Channel Common Heat Times

New Build Control Packs

| Part No. | Thermostat | Programmer | Valve | Wiring Centre | ErP rating |
|----------|------------------------|----------------|------------------|---------------|------------|
| PBTE114 | Wiser RTR (x2) | Wiser 3ch. Hub | 22mm 2-port (x2) | LWC3 | 4% |
| PBTE115 | Digistat 2290M (x2) | - | 22mm 2-port (x2) | LWC3 | 3% |
| PBTE116 | Digistat RF902 & RF90T | - | 22mm 2-port (x2) | LWC3 | 2% |
| PBTE910 | RTS1 (x2) | LP722 | 22mm 2-Port (x2) | LWC3 | 1% |

Further pack options including untimed versions are available on request. *For 28mm versions, add B to the end of the part number.

Accessories

Wiring Centres

Wiring centres provide a safe and convenient method of system wiring. All controls can be neatly connected making operational testing a simple task.

Features

- Easy to use
- · Simplifies wiring and circuit testing
- Suited to all popular heating systems
- · A safe means of connection
- Large terminals
- Easy access
- Complies with BS EN 60670-22

| Product | Part No. |
|--------------------|----------|
| LWC1 Wiring Centre | 28001 |
| LWC3 Junction Box | 28003 |

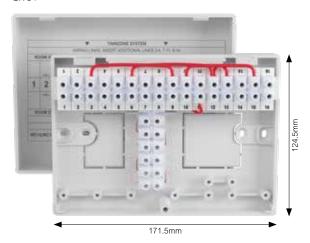


Getting Technical

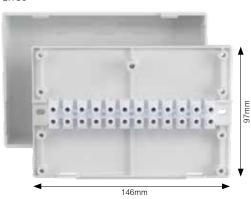
| Model: | LWC1 | LWC3 |
|--|------|------|
| 12 way junction box | - | ✓ |
| 16 way wiring centre | 1 | - |
| Manufactured in flame-retardant plastic | 1 | ✓ |
| Cable clamps supplied | 1 | ✓ |
| Top or bottom cable entry bays | _ | ✓ |
| Large diameter wiring terminals | 1 | ✓ |
| Wiring links provided to suit most systems | 1 | - |
| Cable identification labels included – with full installation instructions | ✓ | - |
| Terminal rating | 10A | 10A |

Dimensions

LWC1







Drain Easy Kit

A valuable time-saving kit to avoid system draining for repairs and replacements on open vented 'wet' central heating systems.

The Drayton Drain Easy kit comprises two durable rubber plugs, a tie and a radiator bleed key.

It is designed to facilitate removal of valves, repair of leaks etc. on an open vented wet central heating system without draining down, consequent loss of inhibitor, and risk of major air locks during refilling. It can only be used where the header (feed and expansion) tank is no more than 30ft (9 metres) above the lowest point in the system and only one break in the system is being made at a time.

The most important benefit of using the Drain Easy kit is to allow easy replacement of standard radiator valves with energy-saving TRVs. Thermostatic radiator valves such as the Drayton TRV4 offer substantial reductions in running costs over normal valves, coupled with improved comfort as room temperatures may be set individually.

It is also a valuable emergency kit which will allow various repair and maintenance jobs such as the replacement of failed pipes, valves, radiators etc. to be undertaken quickly and easily.

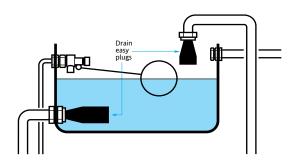
Fitting

The specially-shaped Drain Easy plugs are fitted into the cold feed and the expansion pipe of the feed and expansion tank.

After releasing some inherent pressure in the system with the bleed key supplied, and building up a vacuum by allowing water to flow for about 1 minute, any single item such as a pump, valve or radiator may be removed without further loss of system water/inhibitor.

| Product | Part No. |
|----------------|-----------|
| Drain Easy Kit | 07 01 165 |





Specification

Kit contents

Two Rubber male plugs, radiator bleed key, 1m tiecord, full instructions.

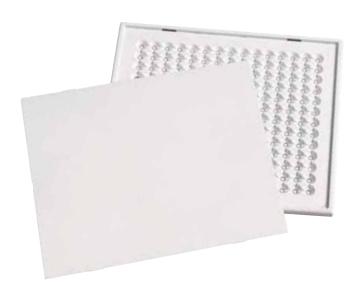
Materials

Plugs: Ethylene propylene Bleed key: Brass stamping

Limitations

- Suitable for 15mm and 22mm pipework.
- Not to be used on direct, unvented or primatic systems or auto-vented systems.
- Not to be used on systems with a header tank more than 30ft (9 metres) above the systems lowest point.
- No lubricating oils to be applied.
- Only one section of pipework can be disconnected at a time e.g. no three-way valves one two-way disconnection only.

Décor Plate & Spacer Box



Décor Plate

The decoration plate provides a simple and effective means to cover "bare patches" left in the décor when replacing other makes of time controls. It is designed with a two-part construction allowing all fixings to be invisible providing a clean and professional finish.

Décor Plate Features

- · Simple to install
- Reduces the need for redecoration
- Covers the spaces left by the majority of competitor models
- Two-part construction allows fixings to be invisible
- Can be used in conjunction with "Spacer Box"



Spacer Box

The Spacer Box provides a convenient way to house all wiring in installations where the existing programmer has been used as a wiring centre. The Spacer Box is also effective in installations where tiling is to be fitted around the time control allowing removal of the control to still be achieved.

Spacer Box Features

- Simple to install
- Suitable for retrofit of LP, SM range & Wiser
- Suitable for single or double electrical wiring boxes
- Universal back plate fits directly onto using fixings provided
- Can be used in conjunction with "Décor Plate"

| Product | Part No. |
|----------------------------|----------|
| Décor Plate and Spacer Box | 28011 |

Network Benefits







draytoncontrols.co.uk

Customer & Technical Support: 0333 6000 622

D73-23

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