



## ELECTRONIC CONTROLS

MYSON offer a full range of quality electronic controls to ensure that you get the most out of our heating products. Our controls are designed by our heating experts to perfectly complement our systems.

Controls are an essential part of every heating system. Today's controls should be easy to understand, operate and straightforward to install. Using the latest technologies, they should provide efficient, effective and precision control to meet the requirements of modern day, energy efficient homes.

MYSON's range of electronic controls offers all of this, from mechanical dial thermostats to WiFi enabled touch controls utilising Smart Start technology, we have a solution for you.



MRT1

THERMOSTAT

MRT1 is a wall mounted, temperature activated on/off switch. The desired temperature is set on the rotary control dial. The thermostat monitors and compares the actual room temperature with the set temperature on the control. If the room temperature is below the desired level and the thermostat has requested heat the central heating system will run the heating circuit until the temperature reaches the required level, the MRT1 will switch off the heating circuit.



MRT1BRAILLE

- 2

**GUARANTEE**  
2 year guarantee from date of purchase against manufacturing defects.
- IP

**IP RATING**  
IP20.
- DELIVERY**  
2 - 5 working days.

For more general information, please see page 276.



MRT1

PRODUCT SUMMARY

- Gas bellow with anticipator for better reaction times to temperature change
- Simple and accurate
- Lockable or high/low temperature restrict feature
- Operating range 6 to 30°C
- Switching differential 1.3°C
- Large terminal screws
- Braille version also available

Description	Order Code	Minimum Order Qty
Room Thermostat	MRT1	1
Room Thermostat (Braille Version)	MRT1BRAILLE	1



MRTE



## MRTE THERMOSTAT

MRTE is a wall mounted slimline electronic thermostat for users that require greater accuracy of temperature control. It has a clear, accurate LCD display and limits the maximum and minimum temperature, working as either a heating control or a cooling control. It is battery powered which makes this thermostat ideal for upgrading an old two-wire (no neutral wire) thermostat and has volt free contacts for use with various types of system.

### PRODUCT SUMMARY

- Electronic thermostat
- Slimline design
- Temperature intervals
- Clear, accurate LCD display
- Displays actual temperature
- No neutral, two-wire connection



2

**GUARANTEE**

2 year guarantee from date of purchase against manufacturing defects.

IP

**IP RATING**

IP20.

DELIVERY

**DELIVERY**

2 - 5 working days.

For more general information, please see page 276.

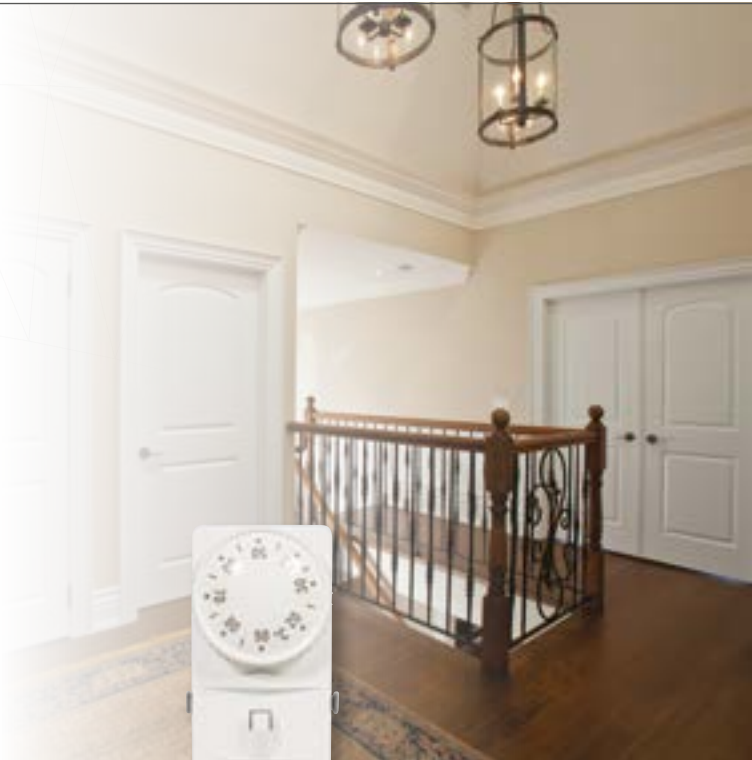
Description	Order Code	Minimum Order Qty
Electronic Room Thermostat	MRTE	1



MCT1

THERMOSTAT

The MCT1 cylinder thermostat is designed to complement the MRT1. It is used for monitoring and controlling the temperature of the hot water stored within the hot water cylinder. When used with a thermostatic control for the heating circuit it will give boiler interlock providing a safety feature. It can also be used as a pipe thermostat in conjunction with a frost thermostat to ensure a boiler does not run uncontrolled during cold weather.



MCT1

PRODUCT SUMMARY

- Maximum mounting temperature 100°C
- Operating range 10 to 90°C
- Switching differential 5 to 10°C
- Large terminal screws, for easy connection

- 2

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- IP

**IP RATING**  
IP20.
- DELIVERY**  
2 - 5 working days.

For more general information, please see page 276.

Description	Order Code	Minimum Order Qty
Cylinder Thermostat	MCT1	1



MPRT

## MPRT

### PROGRAMMABLE ROOM THERMOSTAT

MPRT is an easy to use programmable room thermostat. It utilises Smart Start technology which can give the user considerable savings on heating bills by varying start-up times. The Smart Start system is continually learning the temperature rise requirement, delaying the startup of the system, therefore saving energy during milder weather. A radio frequency version is also available.

#### PRODUCT SUMMARY

- Uses Smart Start technology
- 24 hour or 7 day programming
- 3 temperature settings - comfort, economy (set back) and frost
- 4 programmes (3 preset, 1 adjustable) with manual override
- Clear, accurate LCD display
- Compatible with MYSON FLOORTEC underfloor heating systems and connects to a 24V hard wired wiring centre. One thermostat can control several loops
- Also available in chrome and black



MPRTRFBL

MPRTRFCR

- 2 GUARANTEE**  
2 year guarantee from date of purchase against manufacturing defects.
- IP IP RATING**  
IP30.
- DELIVERY**  
2 - 5 working days.
- BOILER PLUS COMPLIANT**

For more general information, please see page 276.

Description	Order Code	Minimum Order Qty
Programmable Room Thermostat	MPRT	1
Programmable Room Thermostat, Chrome Fascia	MPRTRCR	1
Programmable Room Thermostat, Black Fascia	MPRTRBL	1
Programmable Room Thermostat, Mains Supply	MPRTMS	1
Wireless Programmable Room Thermostat and Receiver	MPRTRF	1
Wireless Programmable Room Thermostat and Receiver, Chrome Fascia	MPRTRFCR	1
Wireless Programmable Room Thermostat and Receiver, Black Fascia	MPRTRFBL	1
RF Relay for use with the MPRTRF	RELAY433	1





TOUCH

PROGRAMMABLE ROOM THERMOSTAT

The MYSON TOUCH range of touch screen programmable thermostats allow you to set different room temperatures for the morning, day, evening and night time. The Smart Start function will save both energy and money by delaying the heating start up time when the weather is warmer.

The range includes the MYSON TOUCH and MYSON TOUCH RS, which comes with a remote sensor. The TOUCH RS is primarily designed for underfloor systems which senses floor temperature.



TOUCH RS

- 2

**GUARANTEE**  
2 year guarantee from date of purchase against manufacturing defects.
- IP

**IP RATING**  
IP20.
- DELIVERY**  
2 - 5 working days.

For more general information, please see page 276.



TOUCH

PRODUCT SUMMARY

- Smart Start technology
- Clear, easy to use touch screen display
- 24 hour programming, 5/2 day programming or 7 day programming
- Up to 4 time and temperature settings per day
- 230V supply
- MYSON TOUCH is suitable to be classified as a “Delayed Start” thermostat as defined in SAP 2005
- MYSON TOUCH RS, primarily designed for underfloor systems, includes a remote sensor which senses either floor or room temperature or a combination of both
- Load Compensation technology (saves fuel by delaying heating ‘start-up’ on warm days)
- 2 zone programmable room thermostat

Description	Order Code	Minimum Order Qty
TOUCH Screen Programmable Room Thermostat	TOUCH	1
TOUCH Screen Programmable Room Thermostat with Remote Sensor	TOUCHRS	1

## TOUCH2 WiFi

### PROGRAMMABLE ROOM THERMOSTAT



TOUCH2 WiFi

#### PRODUCT SUMMARY

- Apple HomeKit enabled
- Geo Location
- Smart Start technology
- Thimble air and floor sensor options
- 24 hour, 5/2 day or 7 day programming
- Up to 4 time and temperature period settings per day
- Can be set for time only (to control hot water cylinder)
- Temperature over-ride, temperature hold and holiday functions
- Lockable, with PIN code
- View live temperature from your home on your smart phone via the MYSON TOUCH2 app
- Uses mesh communication for multi-zone control
- Compact size - 85mm x 85mm x 15mm and requires a minimum electrical box depth of 25mm
- Hub can control up to 32 thermostats
- 1 zone programmable room thermostat

TOUCH2 WiFi is the second generation WiFi thermostat from MYSON and allows you to control your heating from anywhere in the world. It is easy to set up and configure on your smart phone or tablet and is controlled using the TOUCH2 app. The Smart Start function will save both energy and money by delaying the heating start up time when the weather is warmer. The Geo Location feature will support multi-user smart phone to deactivate and reactivate when leaving and returning home.



T2AHWIFI

- 2 GUARANTEE**  
2 year guarantee from date of purchase against manufacturing defects.
- IP IP RATING**  
IP20.
- DELIVERY**  
2 - 5 working days.
- BOILER PLUS COMPLIANT**  
When connected to TOUCH2 Hub.

For more general information, please see page 276.

Description	Order Code	Minimum Order Qty
TOUCH2 WiFi Touch Pad Programmable Room Thermostat for 'Smart Phone' Control & Control Hub	T2AHWIFI	1
TOUCH2 WiFi Touch Pad Programmable Room Thermostat for 'Smart Phone' Control	T2WIFI	1
TOUCH2 WiFi Hub Only	T2HUB	1
WiFi Air Sensor including Thimble Cover (2 metre cable)	TAIRSEN	1
WiFi Floor Sensor (3 metre cable)	TFLSEN	1

## MEP1C, MEP2C & MEP3C PROGRAMMERS

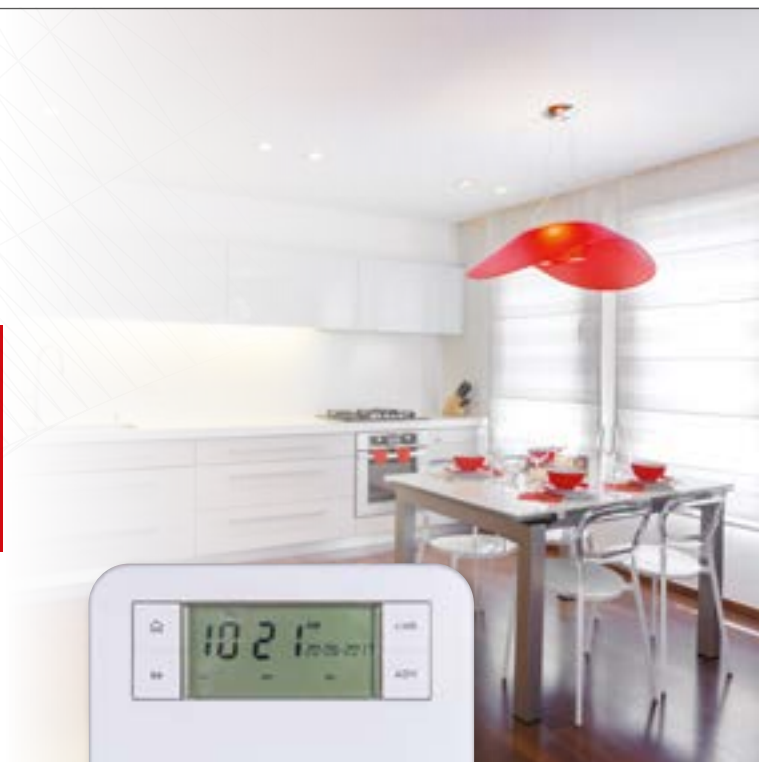
The MEP1c, MEP2c and MEP3c are single, dual and triple channel programmers offering energy efficient control of your heating system.

MEP1c is a single channel programmer for use with combi boilers, as a domestic hot water control or with electric radiators when using a programmable thermostat for the central heating circuit. MEP2c is a dual channel programmer for use within a central heating system to control two circuits. MEP3c is a three channel programmer, designed for installations where there is a need for two heating zones and a hot water circuit.

They are the first choice with service engineers due to their compliance with the industry standard back plate and the unique front fixing arrangement.

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For more general information, please see page 276.



MEP3C



MEP1C

MEP2C

### PRODUCT SUMMARY

- Easy to use
- Can be set for 24hr, 5/2 day or 7 day operation
- Easy to read, backlit screen
- Pre-set clock
- Automatic summer/winter time change
- Memory saver - programmer and clock will not require resetting in the event of power loss
- Advanced and extend features for even more control

Description	Order Code	Minimum Order Qty
Single Channel Programmer	MEP1C	1
Dual Channel Programmer	MEP2C	1
Three Channel Programmer	MEP3C	1





TOUCH4

## TOUCH4 PROGRAMMER

The MYSON TOUCH4 is a 4 zone programmer, designed to work perfectly with our electric radiator ranges (FINESSE, RIO, DÉCOR & COLUMN). The TOUCH4 is unique with its precision touch screen interface and easy to use functions.

### PRODUCT SUMMARY

- For use with our electric radiators only
- Up to 4 zones
- Each zone can be set to work in 5/2 or 7 day mode
- 4 switching times per day
- Holiday facility
- Boost facility
- Copy facility
- Mode select (Auto, Constant, Off)



- 2** **GUARANTEE**  
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- IP** **IP RATING**  
IP20.
- DELIVERY**  
2 - 5 working days.

For more general information, please see page 276.

Description	Order Code	Minimum Order Qty
Touch Screen 4 Zone Programmer	TOUCH4	1



## MOTORISED VALVES & ACCESSORIES

Motorised valves control the flow of water between heating and hot water zones in domestic fully pumped central heating systems.

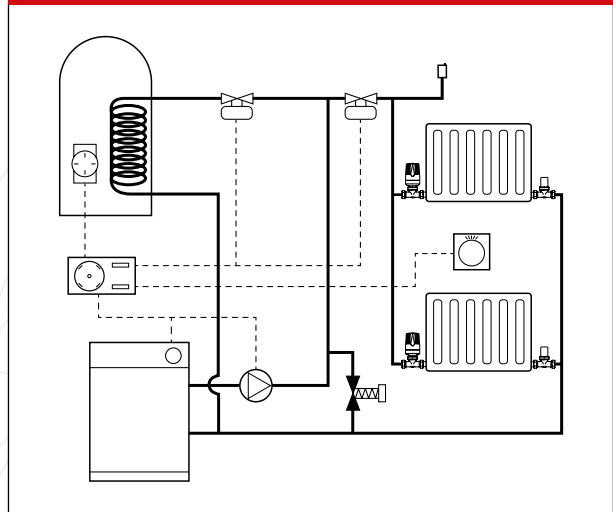
The MYSON range of Power Extra motorised valves has been designed with complete reliability and compatibility in mind. Our motorised valves are compatible as replacements to all leading makes, so you don't need to look anywhere else.

The range has low contact resistance switching for compatibility with the low voltage/low current switching found on many boilers throughout the UK and Europe.

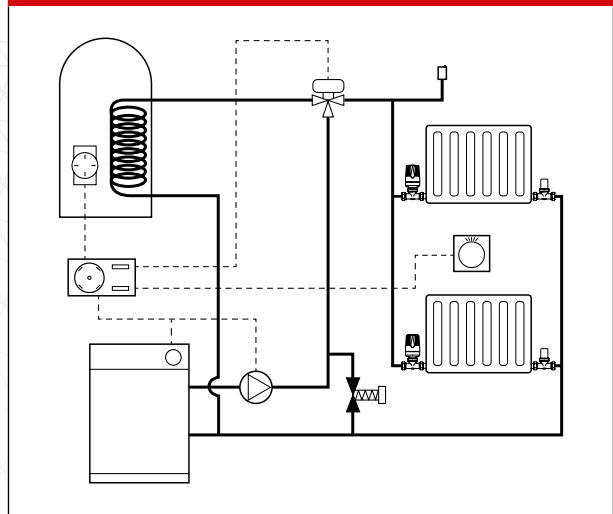
## PRODUCT SUMMARY

- VDE approved
- Powerful motor with high grade (Class F) insulation
- Neon valve position indicators
- Gold plated microswitch contacts
- Mica filled PTFE shoes
- Manual override with spring return
- Compatible as replacement to all leading makes
- ISO 9002 Quality Assurance
- Two port valves to control either central heating or hot water circuit
- Three port mid position valves control central heating and hot water circuits simultaneously

### 2 PORT VALVE SYSTEM DIAGRAM



### 3 PORT VALVE SYSTEM DIAGRAM



**2 GUARANTEE**  
2 year guarantee from date of purchase against manufacturing defects.

**DELIVERY**  
2 - 5 working days.

For more general information, please see page 276.

Description	Order Code	Minimum Order Qty
Two Port Zone Valve 22mm	MPE222	1
Two Port Zone Valve 28mm	MPE228	1
Three Port Mid Position Valve 22mm	MPE322	1
Three Port Mid Position Valve 28mm	MPE328	1
Three Port Diverter Valve 22mm	MPE322DV	1
Mid Position Actuator (for MSV/MPE 322 & 328)	ACT322	1
Zone Actuator 222 (for MSV/MPE)	ACT222	1
Zone Actuator 228 (for MSV/MPE)	ACT228	1
Diverter Actuator (for MPE 322 DV) 2 Wire	ACT322DV	1



## CONTROL PACKS

MZPAK4/MZPAK5

MYSON produce a range of control packs, with all the system controls you need in one handy box. They are designed to help installers and specifiers and come with easy to follow wiring instructions.

The attractive control packs are designed to give you exactly the right combination of controls to make your central heating system work more efficiently. All the products in each system pack have been developed to be

attractive yet unobtrusive and each will complement your home. Correctly installed, the MYSON control system will allow you more effective and economical control of your heating and hot water.

The packs suit all standard types of heating systems and will meet most requirements, from fully pumped flow share and zoned systems to unvented hot water storage systems.



## MDPAK1



### MDPAK1

For a fully pumped flow share system.

#### Pack Comprises:

- 1 x MEP2C
- 1 x MPE322
- 1 x MWB16
- 1 x MRT1
- 1 x MCT1

**Order Code:** MDPK1

## MZPAK2 & MZPAK3



### MZPAK2

For a fully pumped separate control DHW and CH.

#### Pack Comprises:

- 1 x MEP2C
- 2 x MPE222
- 1 x MWB16
- 1 x MRT1
- 1 x MCT1

**Order Code:** MZPAK2

### MZPAK3

As PAK2 but for larger systems requiring 28mm.

#### Pack Comprises:

- 1 x MEP2C
- 1 x MPE222
- 1 x MPE228
- 1 x MWB16
- 1 x MRT1
- 1 x MCT1

**Order Code:** MZPAK3

## MZPAK4 & MZPAK5



### MZPAK4

For unvented systems which are usually combi based.

#### Pack Comprises:

- 1 x MEP2C
- 1 x MPE222
- 1 x MWB16
- 1 x MRT1

**Order Code:** MZPAK4

### MZPAK5

As PAK4 but for larger systems requiring 28mm.

#### Pack Comprises:

- 1 x MEP2C
- 1 x MPE228
- 1 x MWB16
- 1 x MRT1

**Order Code:** MZPAK5

2

#### GUARANTEE

2 year guarantee from date of purchase against manufacturing defects.



#### DELIVERY

2 - 5 working days.

For more general information, please see page 276.

## CONTROL PACKS

Description	Order Code	Minimum Order Qty
22mm PAK1 Contains MEP2C, MPE322, MWB16, MRT1, MCT1	MDPAK1	1
22mm PAK2 Contains MEP2C, MPE222 x 2, MWB16, MRT1, MCT1	MZPAK2	1
28 & 22mm PAK3 Contains MEP2C, MPE228, MPE222, MWB16, MRT1, MCT1	MZPAK3	1
22mm PAK4 Contains MEP2C, MPE222, MWB16, MRT1	MZPAK4	1
28mm PAK5 Contains MEP2C, MPE228, MWB16, MRT1	MZPAK5	1

## WIRING BOX

16 Terminal Wiring Box	MWB16	1
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