



**PROGRAMMABLE ROOM THERMOSTATS**

**THERMOSTATS**

**PROGRAMMERS**

**MOTORISED VALVES**

**TRVS**

**PRECISION CONTROL FROM MYSON PLUS**

**MYSON PLUS**

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**PLRTRF**  
Radio Frequency Programmable Room Thermostat

**PLWOPTRF**  
Thermostat with Plug-in Boiler Receiver

**MOTORIZED VALVES**  
2 & 3 Port Motorised Valves

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2 Port

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3 Port

**PROGRAMMERS**  
Single & Dual Channel Programmars

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**BCTRV10N & BCTRV15N**  
TRV

**BCTPAK10N & BCTPAK15N**  
TRV with Lockshield

**BCTPAK10ND & BCTPAK15ND**  
TRV with Lockshield and Drain-off

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**PLCT**  
Cylinder Thermostat



## PRECISION CONTROL FROM MYSON PLUS

Be in control of your heating with a range of electronic controls and heating valves from MYSON PLUS.

The range of programmable room thermostats, programmers, thermostats, motorised valves and thermostatic radiator valves provide efficient and effective precision control of the modern day heating system and, used correctly, could save money on your heating bills.

Our room thermostats and single & dual channel programmers provide clear and accurate temperature displays, with either dial or electronic displays. They are efficient, attractive and simple to use. Our programmable room thermostats come with features such as Smart Start, adjustable temperature settings with 24 hour or seven day settings. Our TRVs incorporate 2-way flow technology and are easy to install, operate and use.

**COMPLETE HEATING SOLUTIONS**

# PLPRTRF

PROGRAMMABLE ROOM THERMOSTAT



## PLWOPTRF

All the advantages of the PLPRTRF and comes complete with a "plug-in receiver" designed to plug directly in to an appropriate Worcester combination boiler.



## FEATURES & BENEFITS

The PLPRTRF is a radio frequency programmable room thermostat. It utilises Smart Start technology, which varies the start-up times of the PLPRTRF to ensure that the building achieves temperature by the required time. The Smart Start system is continually learning the temperature rise requirement, delaying the startup of the system, therefore saving energy during milder weather.

- The easy to use programmable room thermostat, incorporating Smart Start technology
- Smart Start technology (saves fuel by delaying heating 'start up' on warm days)
- Easy to programme with three adjustable temperature settings
- 2 in 1 programmable thermostat, 24 hour or 7 day (installer set up option)
- Backlit display with easy to follow instructions
- One hour high temperature boost button
- All 24 hour temperature settings shown on display
- Wireless, radio frequency connection
- Comes with a stand and can be located anywhere in the home
- Service required (installer set up option)
- Holiday override 1 - 99 days
- OIL/GAS boiler setting
- Load compensation
- Lockable keypad
- 230 Volts
- IP rating IP20

Description	MYSON PLUS Order Code	Min. Order Qty
Wireless Programmable Room Thermostat and Receiver	PLPRTRF	1
Wireless Programmable Room Thermostat and Plug-in Boiler Receiver	PLWOPTRF	1

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



# PL1c PROGRAMMER



## FEATURES & BENEFITS

- Ideal replacement product fits more back plates than any other programmer (including industry standard)
- Easy to install front fixings
- Clear plastic protective cover
- 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
- The PL1c is ideal for combination boilers and control of additional zones etc. (volt free contacts)
- Suitable for fully pumped or gravity heating systems
- Part L Compliant (Part J in Scotland)
- Up to 3 timed periods per day
- 230 Volts
- IP rating IP20

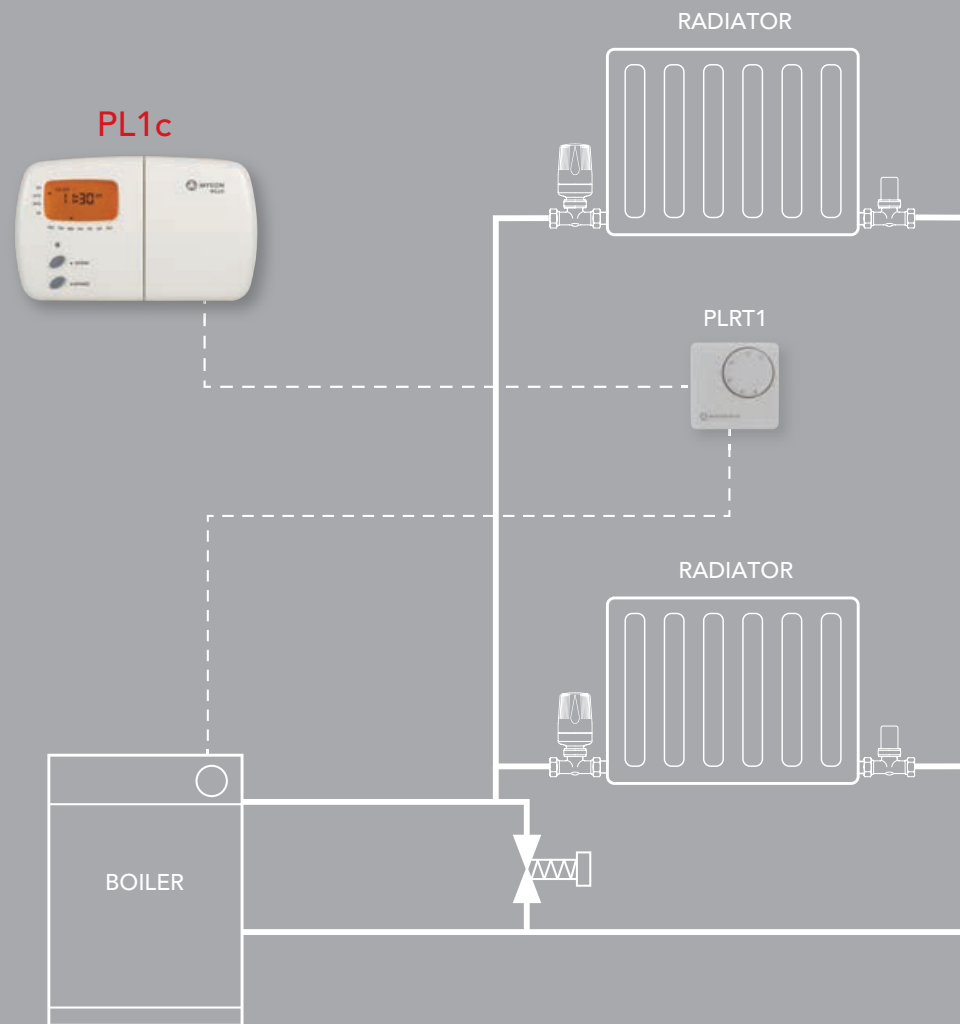
The MYSON PLUS PL1c is a single channel programmer offering energy efficient control of the heating system. The single channel programmer is for use with combi boilers, or as a domestic hot water control when using a programmable thermostat for the central heating circuit.

The PL1c is a first choice with service engineers due to its compliance with the industry standard back plate and the unique front fixing arrangement to ensure accessible fixing regardless of where or how it is fitted.

Description	MYSON PLUS Order Code	Min. Order Qty
Single Channel Programmer	PL1C	1

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

## COMBI SYSTEM



# PL2c PROGRAMMER



## FEATURES & BENEFITS

- Ideal replacement product fits more back plates than any other programmer (including industry standard)
- Easy to install front fixings
- Clear plastic protective cover
- 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
- Suitable for fully pumped or gravity heating systems
- Part L Compliant (Part J in Scotland)
- Up to 3 timed periods per day
- 230 Volts
- IP rating IP20

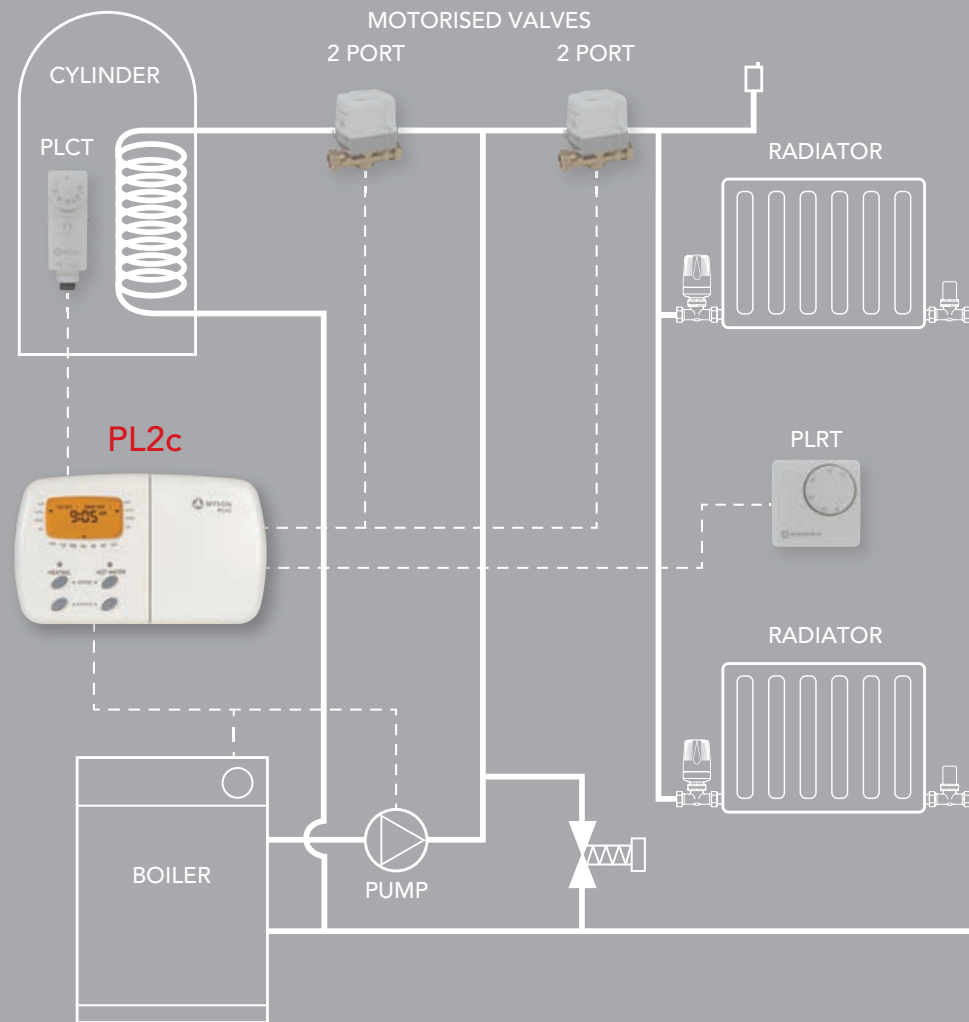
The MYSON PLUS PL2c is a dual channel programmer offering energy efficient control of the heating system and is used within a central heating system to control two circuits.

The PL2c is a first choice with service engineers due to its compliance with the industry standard back plate and the unique front fixing arrangement to ensure accessible fixing regardless of where or how it is fitted.

Description	MYSON PLUS Order Code	Min. Order Qty
Dual Channel Programmer	PL2C	1

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

## TYPICAL ZONE VALVE SYSTEM



# PLRT

ROOM THERMOSTAT



The PLRT 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 programmer has requested heat, the central heating system will run the heating circuit until the temperature reaches the required level, the PLRT will switch off the heating circuit.

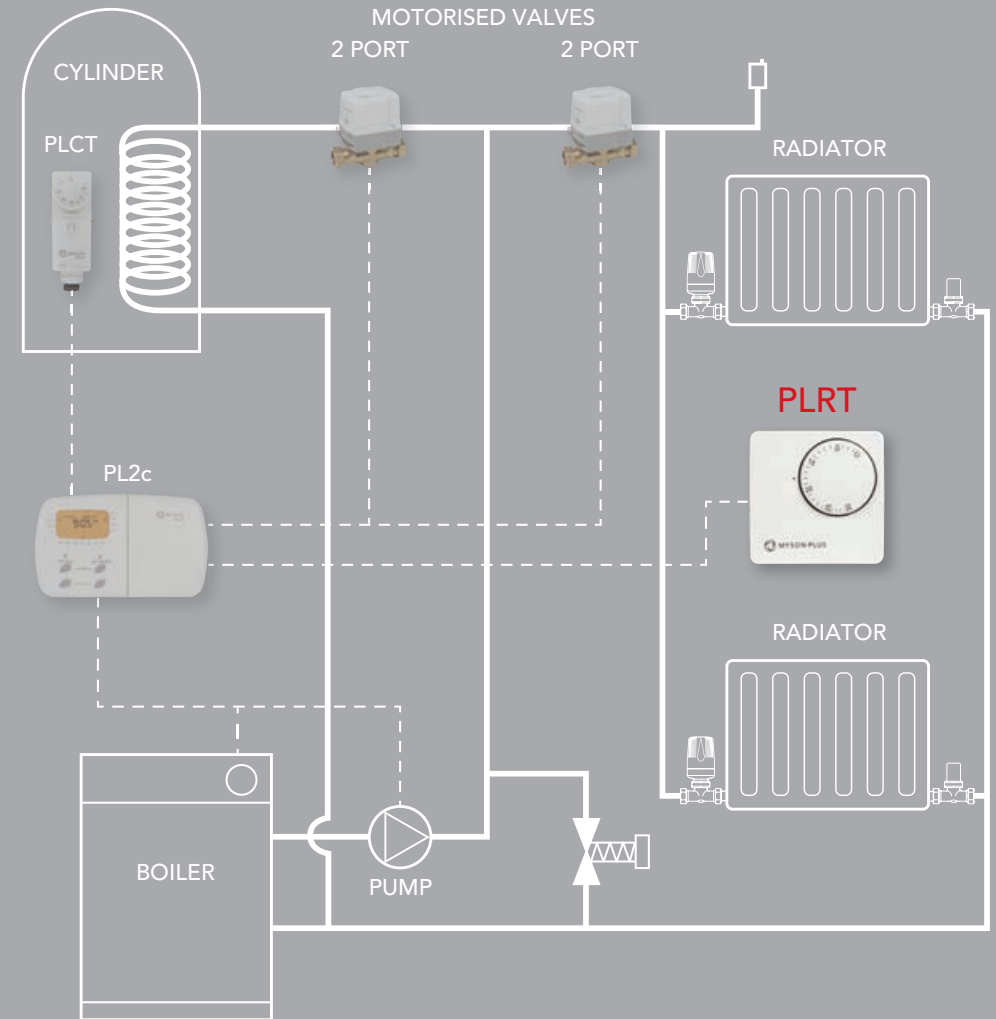
## FEATURES & BENEFITS

- Gas bellow with anticipator
- Simple and accurate
- Lockable or high/low temperature restrict feature
- Operating range 6 to 30°C
- Switching differential 1.3°C
- Large terminal screws
- 230 Volts
- IP rating IP20

Description	MYSON PLUS Order Code	Min. Order Qty
Room Thermostat	PLRT	1
Room Thermostat - Frost Version	PLFT	1

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

## TYPICAL ZONE VALVE SYSTEM



# PLCT

CYLINDER THERMOSTAT



The PLCT is designed to complement the PLRT and 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. 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.

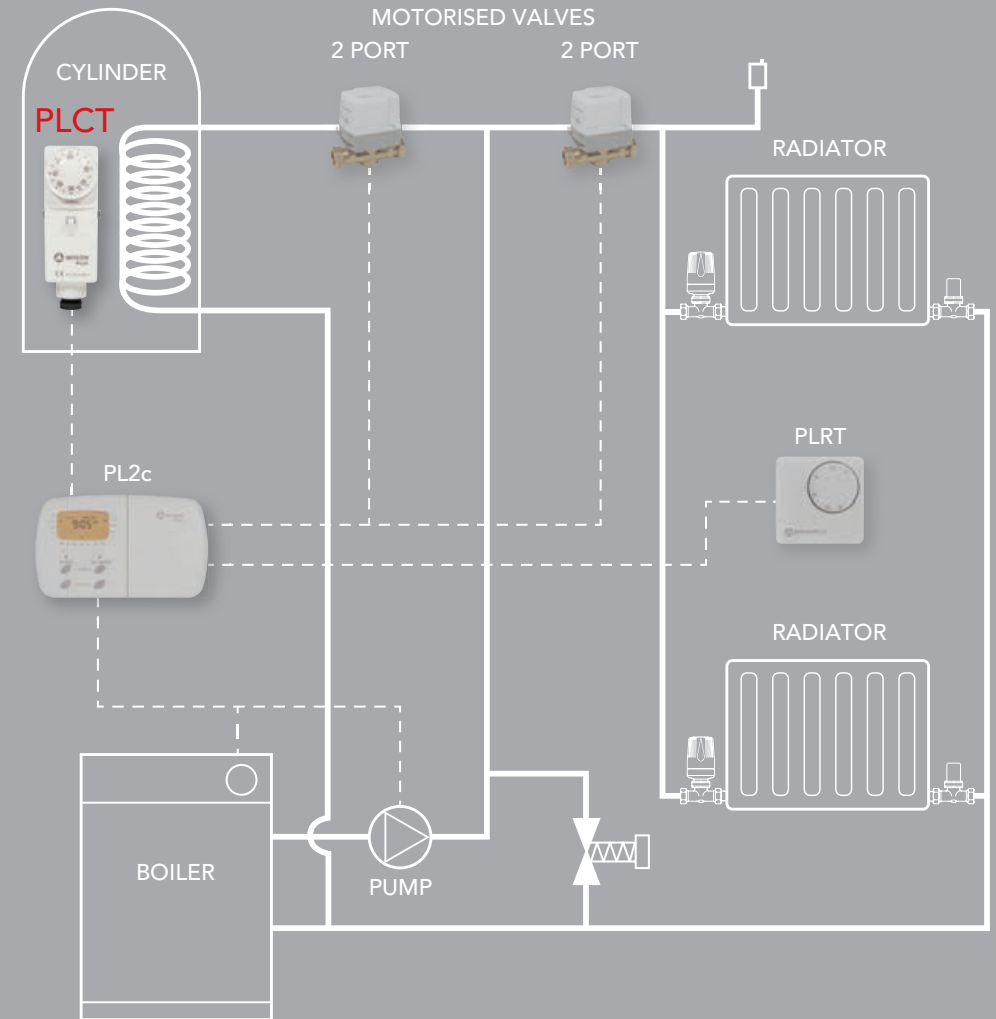
## FEATURES & BENEFITS

- Gas bellow with anticipator
- Simple and accurate
- Lockable or high/low temperature restrict feature
- Operating range 6 to 30°C
- Switching differential 1.3°C
- Large terminal screws
- 230 Volts
- IP rating IP20

Description	MYSON PLUS Order Code	Min. Order Qty
Room Thermostat	PLCT	1

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## TYPICAL ZONE VALVE SYSTEM



## PL222 & PL228

TWO PORT MOTORISED VALVES



MYSON PLUS motorised valves have low contract resistance switching for compatibility with the low voltage/low current switching found on many boilers throughout the UK and Europe.

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

The PL222 and PL228 are two port valves which control either the central heating or hot water circuit. Two of these valves will satisfy the requirements of most fully controlled systems.

To provide even greater control additional two port valves can be used for extra zoning when required.

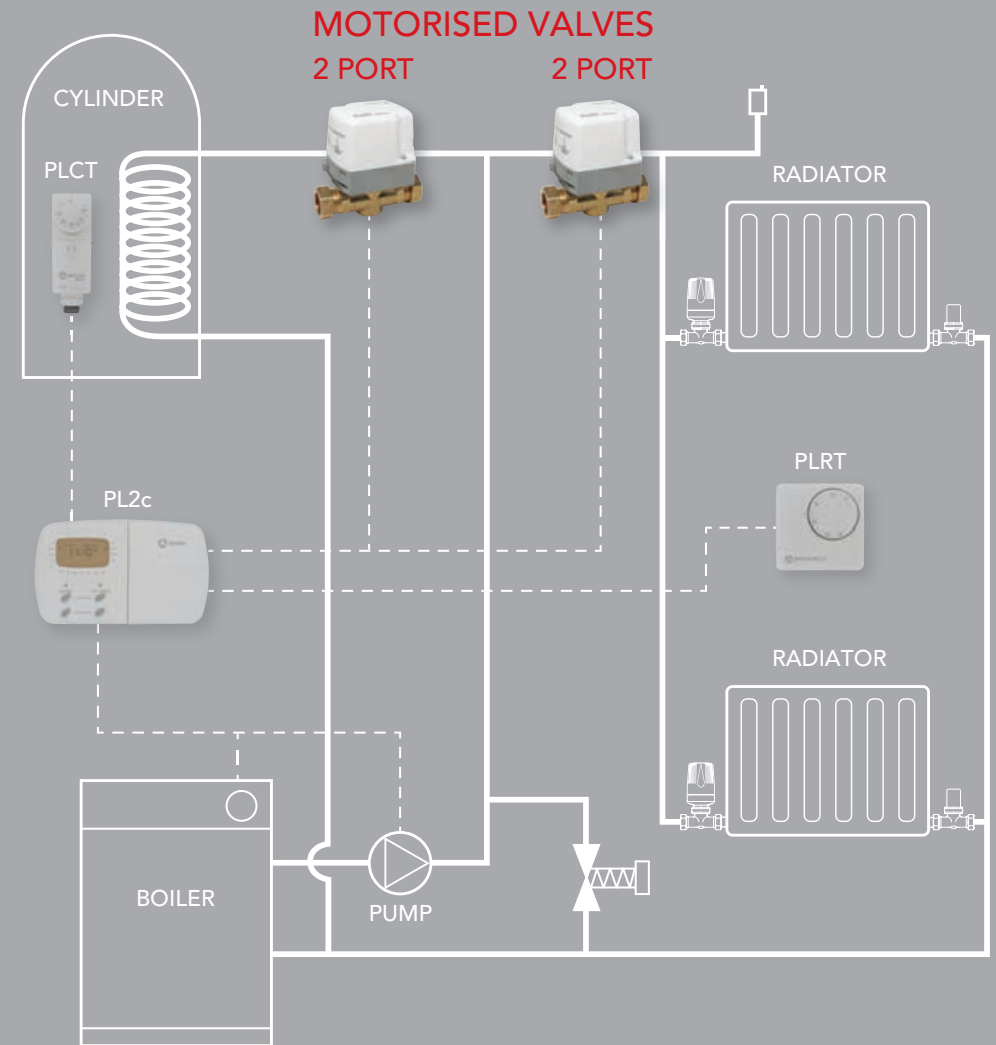
### FEATURES & BENEFITS

- 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 with all leading makes
- ISO 9002 Quality Assurance
- 230 Volts

Description	MYSON PLUS Order Code	Min. Order Qty
2 Port Motorised Valve (22mm)	PL222	1
2 Port Motorised Valve (28mm)	PL228	1
2 Port Zone Valve Actuator (22mm only)	PLACT222	1

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

### TYPICAL ZONE VALVE SYSTEM





# PL322

## THREE PORT MOTORISED VALVE



MYSON PLUS motorised valves have low contract resistance switching for compatibility with the low voltage/low current switching found on many boilers throughout the UK and Europe.

### FEATURES & BENEFITS

- 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 with all leading makes
- ISO 9002 Quality Assurance
- 230 Volts

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

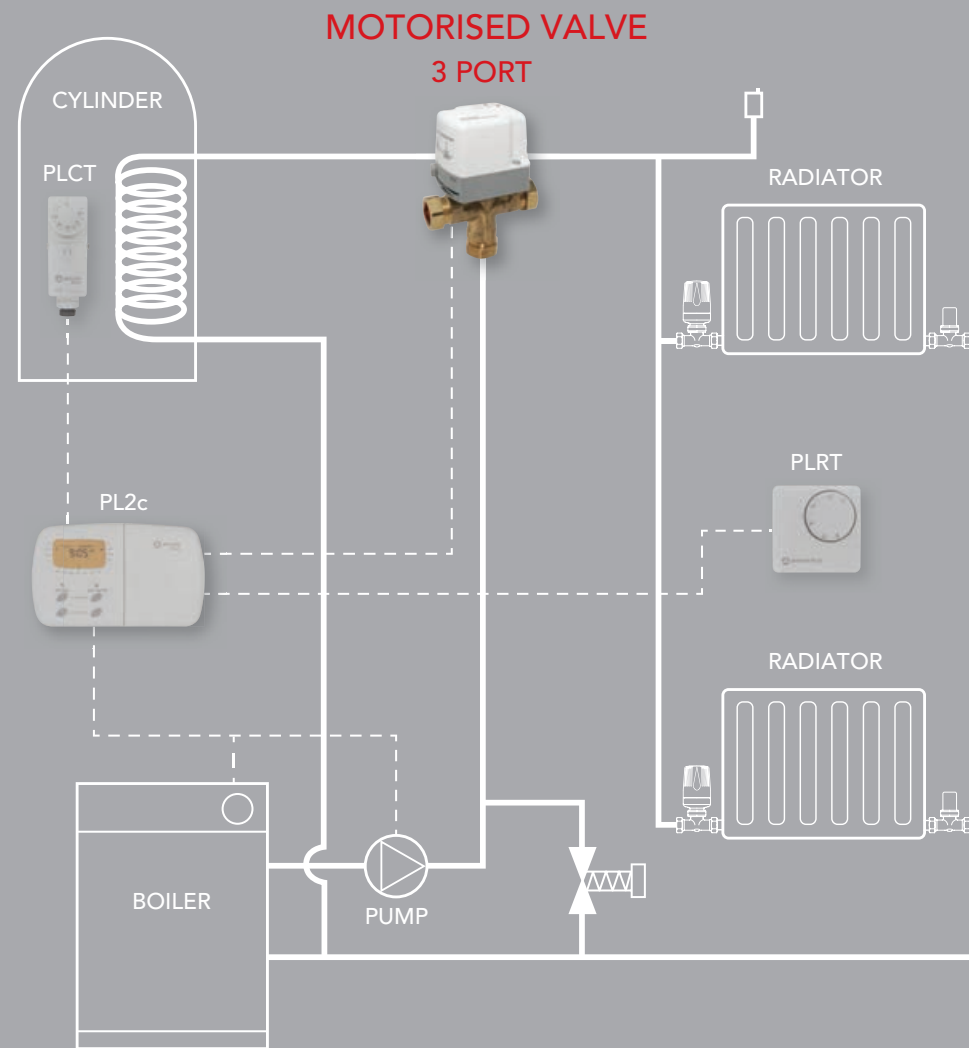
The PL322 is a three port mid position valve which controls both the central heating and hot water circuits simultaneously.

The valve may be operated directly by the system programmer or via room and cylinder thermostats.

Description	MYSON PLUS Order Code	Min. Order Qty
3 Port Motorised Valve (22mm)	PL322	1
3 Port Motorised Valve (28mm)	PL328	1
3 Port Mid Position Actuator (22mm only)	PLACT322	1

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

### TYPICAL DIVERTER/MID-POSITION VALVE SYSTEM



## PLWB WIRING CENTRE



The wiring centre is used as a central point to wire your controls in to and connects the boiler, hot water cylinder and the heating controls to the central heating system. Wires from the wiring centre run to the electrical supply, cylinder thermostat, room thermostat, programmer, motorised valves, boiler and the central heating pump.

The MYSON PLUS wiring centre has the capacity to control up to 16 units, making the wiring process much simpler.

### FEATURES & BENEFITS

- Multi directional cable entry
- 16 terminal connections

Description	MYSON PLUS Order Code	Min. Order Qty
Wiring Centre	PLWB	1

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

## PLABV AUTOMATIC BYPASS VALVE



Automatic bypass valves (ABVs) are designed for use in domestic central heating systems. Its purpose is to maintain constant pump pressure and flow rate within the system. ABVs also reduce system noise and increase efficiency.

ABVs are perfect for any project, whether it's new-build, self-build, social housing or large commercial projects.

### FEATURES & BENEFITS

- Ensures minimum water flow rates through the boiler
- Reduces system noise associated with high pump pressures
- Eliminates the need to fit an uncontrolled radiator to act as a system by-pass
- Increases system efficiency
- Aids the quiet operation of Thermostatic Radiator Valves
- Comes with a brass finish
- Pipe size 22mm
- Maximum static pressure 10 Bar
- Maximum operating temperature 110°C
- Setting range 0.1 - 0.6 Bar
- Connections 22mm compression

Description	MYSON PLUS Order Code	Min. Order Qty
Automatic Bypass Valve Angle	PLABV	1

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

# THERMOSTATIC RADIATOR VALVES



Thermostatic Radiator Valves (TRVs) are one of the most efficient ways of controlling the heat in your home and could save up to 40% on heating bills, as independently tested by the University of Salford. TRVs work by sensing the air temperature around them, and regulating the flow of water to the radiator.

MYSON PLUS TRVs are manufactured by our experts to make sure you get the most out of our heating products. They incorporate our 2-way flow technology, including our patented "bonding" technique. They are easy to install, operate and use and offer great benefits to the user.

MYSON PLUS offers three types of TRV packs; TRV, TRV with lockshield and TRV with lockshield and drain-off.

## FEATURES & BENEFITS

- Available in 10 and 15mm
- Incorporates 2-way flow technology
- Compliant with CEN215
- Maximum operating pressure 10 Bar
- Maximum water temperature 120°C
- Temperature range 0 - 28°C
- Drain-off option available
- Angled
- TRV comes with nickel finish
- Lockshield comes with nickel finish



TRV



TRV with Lockshield

TRV with Lockshield and Drain-off

Description	MYSON PLUS Order Code	Min. Order Qty
10mm Nickel Plated TRV	BCTRV10N	50
15mm Nickel Plated TRV	BCTRV15N	50
10mm Nickel Plated TRV & L/S Pack	BCTPAK10N	50
15mm Nickel Plated TRV & L/S Pack	BCTPAK15N	50
10mm Nickel Plated TRV & L/S D/O Pack	BCTPAK10ND	20
15mm Nickel Plated TRV & L/S D/O Pack	BCTPAK15ND	20

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

