

SANGAMO

The Plus range of Heating & Timer Controls

ESP[®]
• • • • • ScolmoreGROUP



SANGAMO

Sangamo offer a wide range of heating and timer controls for domestic, commercial and industrial use.

Our reputation for quality and reliability is unrivaled.



Maintains the Set Temperature



Energy Efficiency Rating



Backlit Display



RF Wireless Connection



Optimised for Optimum Start,
Delayed Start and Delayed Stop



Service Interval Function



Fuse Protected

Choice +

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CHOICE+ THERMOSTATS

A Choice+ room thermostat regulates and maintains a desirable temperature throughout the home by calling for heat as the temperature varies throughout the day.

For example, if the temperature drops below the set temperature the thermostat calls for heat from the boiler, heating the radiators until the set point is reached.

Choice+ thermostats include TPI feature to ensure a maintained temperature by analysis of the heating and cooling periods.

In addition, Choice+ programmable thermostats include Optimum Start and Delayed Stop for additional efficiency, heating and cooling for the time programmed. These features combine to offer the best in heating comfort and energy efficiency when compared to traditional On/Off thermostats.

For installation convenience Choice+ wireless thermostats are available if a hardwired connection is not available in the intended location.

Choice+



Applications:

Room thermostat for fixed installations suited for the main living area of a property or situated in the hallway or landing.

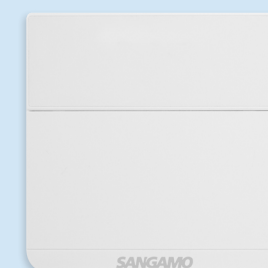
CHPRSTAT - WHITE
CHPRSTATS - SILVER
CHPRSTATB - BLACK

Electronic Room Thermostat

- Large Temperature Adjustment Dial
- Call for Heat Indication LED
- Electronic Sensor for Accurate and Responsive Performance
- TPI (Time Proportional & Integral) Control for Heating Efficiency
- 5°C to 30°C Set Temperature Range
- 0.5°C and 1°C Temperature Swing Adjustment
- 10A Switch Rating 240vAC



Choice+



Applications:

Room thermostat for fixed installations suited for the main living area of a property or situated in the hallway or landing.

CHPRSTATT - WHITE
CHPRSTATTS - SILVER
CHPRSTATTB - BLACK

Tamper Proof Electronic Room Thermostat

- Large Temperature Adjustment Dial
- Tamper Resistance Cover with Security Torx Screw
- Electronic Sensor for Accurate and Responsive Performance
- TPI (Time Proportional & Integral) Control for Heating Efficiency
- 5°C to 30°C Set Temperature Range
- 0.5°C and 1°C Temperature Swing Adjustment
- 10A Switch Rating 240vAC



Choice+



Applications:

Thermostat with low set point range to override a system programmer, to be located in an area of a property susceptible to low temperatures.

- CHPRSTATF - WHITE
- CHPRSTATFS - SILVER
- CHPRSTATFB - BLACK

Electronic Frost Thermostat

- Electronic Sensor for Accurate and Responsive Performance
- Tamper Resistance Cover with Security Torx Screw
- -5°C to 30°C Set Temperature Range
- 0.5°C and 1°C Temperature Swing Adjustment
- 10A Switch Rating 240vAC



Choice+



Applications:

Battery powered room thermostat suited for the main living area of a property or situated in the hallway or landing. RF receiver installed next to the boiler.

- CHPRSTATDRF - WHITE
- CHPRSTATDRFS - SILVER
- CHPRSTATDRFB - BLACK

Wireless Electronic Room Thermostat with Digital Display

- Large Dial with Digital Display
- Wireless Communication Between Thermostat and Receiver
- Electronic Sensor for Accurate and Responsive Performance
- TPI (Time Proportional & Integral) Control for Heating Efficiency
- Comfort/Economy or ON/OFF Modes
- Battery Powered with Low Indication Status (Batteries Supplied)
- 5°C to 30°C Set Temperature Range
- 0.5°C and 1°C Temperature Swing Adjustment
- Frost Protection
- Transmission frequency: 433 Mhz (80m Open Field, 30m Indoor Transmission)
- 16A Receiver Contact Rating (Volt Free)



Choice+



Applications:

Room thermostat for fixed installations suited for the main living area of a property or situated in the hallway or landing. Screen displays room and set temperature.

- CHPRSTATD - WHITE
- CHPRSTATDS - SILVER
- CHPRSTATDB - BLACK

Electronic Room Thermostat with Digital Display

- Large Dial with Digital Display
- Electronic Sensor for Accurate and Responsive Performance
- TPI (Time Proportional & Integral) Control for Heating Efficiency
- Comfort/Economy or ON/OFF Modes
- Battery Powered with Low Indication Status (Batteries Supplied)
- 5°C to 30°C Set Temperature Range
- 0.5°C and 1°C Temperature Swing Adjustment
- Frost Protection
- 3A Contact Rating (Volt Free)



Choice+



Applications:

Programmable room thermostat for fixed installations suited for the main living area of a property or situated in the hallway or landing.

- CHPRSTATDP - WHITE
- CHPRSTATDPS - SILVER
- CHPRSTATDPB - BLACK

7 Day Programmable Room Thermostat

- 24 or 7 Day Programmable
- 6 Time/Temperature Events per Day
- Permanent, Timed and Temporary Override Features
- Pre-Programmed Schedule Ready for Use
- Electronic Sensor for Accurate and Responsive Performance
- TPI (Time Proportional & Integral) Control for Heating Efficiency
- Optimum Start/ Delay Start and Delayed Stop for Additional Efficiency
- Summer/Winter Time Change
- Battery Powered with Low Indication- Status (Batteries Supplied)
- 5°C to 35°C Set Temperature Range
- 0.5°C and 1°C Temperature Swing Adjustment
- Frost Protection
- 3A Contact Rating (Volt Free)



Choice+



Applications:
Battery powered programmable room thermostat suited for the main living area of a property or situated in the hallway or landing. RF receiver installed next to the boiler.

- CHPRSTATDPRF - WHITE
CHPRSTATDPRFS - SILVER
CHPRSTATDPRFB - BLACK
- Wireless Programmable
Thermostat with Digital Display
- Wireless Communication Between Thermostat and Receiver
 - 24 or 7 Day Programmable
 - 6 Time/Temperature Events per Day
 - Permanent, Timed and Temporary Override Features
 - Pre- Programmed Schedule Ready for Use
 - Electronic Sensor for Accurate and Responsive Performance
 - TPI (Time Proportional & Integral) Control for Heating Efficiency
 - Optimum Start/ Delay Start and Delayed Stop for Additional Efficiency
 - Battery Powered with Low Indication Status (Batteries Supplied)
 - Summer/Winter Time Change
 - 5°C to 35°C Set Temperature Range
 - 0.5°C and 1°C Temperature Swing Adjustment
 - Frost Protection
 - Transmission frequency: 868Mhz (80m Open Field, 30m Indoor Transmission)
 - Receiver 16A Switch Rating 240vAC



CHOICE+ PROGRAMMERS

For certain properties thermostats are not required and a simple programmer to activate the heating or hot water is all that is required. A Choice+ Programmer allows the occupant to specify when a call for heat is made in order to match their lifestyle and ensuring energy efficiency.

There is an option of 1 to 3 channel programmers in order to suit the system application; from single channel control suitable for combi boilers, to double control for independent heating and hot water, and finally a 3-channel option for when 2 heating zones are required.



In addition, each Choice+ Programmer has a selectable Service Interval function, which assists with compliance to the Gas Safety Regulations requiring landlords to carry out annual gas safety checks on appliances in rented properties.

To ensure a user and installer friendly experience, the Choice+ Programmers incorporate a large display screen with clear graphics and pre-set schedule for convenience.



Choice+



Applications:

For schedule control of standard or combination boilers, typically installed in an accessible place next to the boiler.

CHPPR1 - WHITE
CHPPR1S - SILVER
CHPPR1B - BLACK

1 Channel Programmer with Digital Display and Service Interval Function

- 24 Hour, 5/2 Day and 7 Day Programmable
- 2 or 3 ON/OFF Periods
- 1, 2 or 3 Hour Boost
- Holiday Mode
- Pre-Programmed Schedule Ready for Use
- Summer/Winter Time Change
- Backlit Display
- Suitable for Pumped Systems
- With/without Service Interval Function
- 2A Switch Rating 240vAC



Choice+



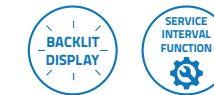
Applications:

For schedule control of independent hot water and 2 heating zones, typically installed in an accessible place next to the boiler.

CHPPR3 - WHITE
CHPPR3S - SILVER
CHPPR3B - BLACK

3 Channel Programmer with Digital Display and Service Interval Function

- 24 Hour, 5/2 Day and 7 Day Programmable
- 2 or 3 ON/OFF Periods
- 1, 2 or 3 Hour Boost
- Holiday Mode
- Pre-Programmed Schedule Ready for Use
- Summer/Winter Time Change
- Backlit Display
- Suitable for pumped systems
- With/without Service Interval Function
- 2A Switch Rating 240vAC



Choice+



Applications:

For schedule control of independent hot water and heating zone, typically installed in an accessible place next to the boiler.

CHPPR2 - WHITE
CHPPR2S - SILVER
CHPPR2B - BLACK

2 Channel Programmer with Digital Display and Service Interval Function

- 24 Hour, 5/2 Day and 7 Day Programmable
- 2 or 3 ON/OFF Periods
- 1, 2 or 3 Hour Boost
- Holiday Mode
- Pre-Programmed Schedule Ready for Use
- Summer/Winter Time Change
- Backlit Display
- Suitable for pumped and gravity systems
- With/without Service Interval Function
- 2A Switch Rating 240vAC





POWERSAVER+ CONTROLLERS

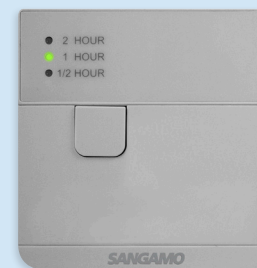
The primary application for the POWERSAVER+ is to control immersion heaters. In a typical UK household nearly 20% of a home's energy cost is spent on heating hot water.

Leaving an immersion heater on all the time can be a significant waste of energy that can drive this figure up to 25% or higher. The automatic control of a POWERSAVER+ can save on fuel expenditure and energy wastage when the user may forget.

Amongst a wide range of applications, the POWERSAVER+ models are also suitable for combi boilers, panel heaters, lighting including LED and towel rails.

The range includes a double pole switched fused option to incorporate an extra isolation feature which separates the live and neutral wires, adding additional safety for high loads.

Powersaver+



Applications:

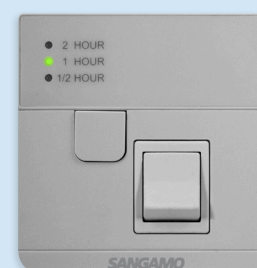
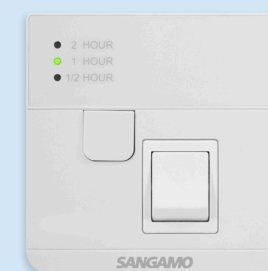
For when set times are required for multiple applications such as immersion heaters, towel rails and security lighting. Typically installed in close proximity to the device to be controlled

PSPB - WHITE
PSPBS - SILVER
PSPBB - BLACK

2 Hour Electronic Boost Timer

- 30 Mins, 1 Hour and 2 Hour Boost Function
- Clear Indication LEDs
- Single Gang Surface (Mount Box Included) or Flush Mounting
- 16A Switch Rating 240vAC

Powersaver+



Applications:

For when set times are required and a fused switch is specified, for multiple applications such as immersion heaters, towel rails and security lighting. Typically installed in close proximity to the device to be controlled.

PSPBF - WHITE
PSPBFS - SILVER
PSPBFB - BLACK

2 Hour Electronic Boost Timer & Fused Spur

- 30 Mins, 1 Hour and 2 Hour Boost Function
- Clear Indication LEDs
- Single Gang Surface (Mount Box Included) or Flush Mounting
- Supplied with Replaceable BS1362 13A Fuse
- 13A Switch Rating 240vAC



Powersaver+



Applications:

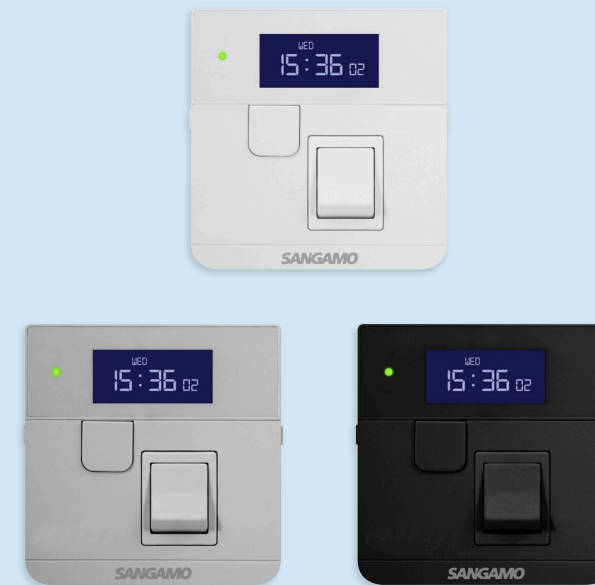
For when schedule times are required for multiple applications such as immersion heaters, towel rails and security lighting. Typically installed in close proximity to the device to be controlled

PSPS - WHITE
PSPSS - SILVER
PSPSB - BLACK

7 Day Time Switch with Boost

- 24 Hour, 5/2 Day & 7 Day Cycles
- 10 On/Off Programs per Day
- Permanent Memory Reserve
- 15 mins, 30 mins, 1 Hour, 2 Hour, 4 Hour and 6 Hour Boost Function
- Clear Indication Display
- Button Lock Feature
- Summer / Winter time Change
- Single Gang Surface (Mount Box Included) or Flush Mounting
- 16A Switch Rating 240vAC

Powersaver+



Applications:

For when a weekly scheduled is required and a fused switch is specified, for multiple applications such as immersion heaters, towel rails and security lighting. Typically installed in close proximity to the device to be controlled.

PSPSF247 - WHITE
PSPSF247S - SILVER
PSPSF247B - BLACK

7 Day Fused Spur Time Switch with Boost

- 24 Hour, 5/2 Day & 7 Day Programming
- 10 On/Off Programs per Day
- Permanent Memory Reserve
- 15 mins, 30 mins, 1 Hour, 2 Hour, 4 Hour and 6 Hour Boost Function
- Clear Indication Display
- Button Lock Feature
- Summer / Winter time Change
- Single Gang Surface (Mount Box Included) or Flush Mounting
- Supplied with Replaceable BS1362 13A Fuse
- 13A Switch Rating 240vAC



Powersaver+



Applications:

For when a daily scheduled is required and a fused switch is specified, for multiple applications such as immersion heaters, towel rails and security lighting. Typically installed in close proximity to the device to be controlled.

PSPSF24 - WHITE
PSPSF24S - SILVER
PSPSF24B - BLACK

24 Hour Fused Spur Time Switch with Boost

- 24 Hour Programming
- 10 On/Off Programs per Day
- Permanent Memory Reserve
- 15 mins, 30 mins, 1 Hour, 2 Hour, 4 Hour and 6 Hour Boost Function
- Clear Indication Display
- Button Lock Feature
- Summer / Winter time Change
- Single Gang Surface (Mount Box Included) or Flush Mounting
- Supplied with Replaceable BS1362 13A Fuse
- 13A Switch Rating 240vAC





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A Scolmore GROUP
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