Product Catalogue
Heating products that define the market

SALUS CONTROLS
About SALUS

SALUS Controls is a technology led supplier of energy control solutions focused primarily on the European professional market channel. We work closely with our customers and partners to understand the complexity of each market that we work with to develop innovative and cost-effective products that are intuitive to use, quick to install and simple to maintain.

SALUS Controls is a member of The Computime Group Ltd, Hong Kong, widely regarded for its electronic control technologies, research & design capabilities and manufacturing services. It occupies a unique niche in appliance, heating, air conditioning, smart energy and building automation sectors, serving customers in commercial, industrial and consumer markets throughout Asia, North America and Europe since 1974.

SALUS Controls builds solid partnerships and provides dependable solutions to enable our customers’ success. We have a performance culture which seeks to anticipate our customers’ requirements with quickness and flexibility. Most importantly, we offer our customers fast service and exceptional professional support.
Boiler+

SALUS Controls welcomes the UK government’s newly introduced energy initiative commonly referred to as Boiler Plus. We believe that this is an important legislative step that will ensure homeowners receive the most effective and efficient domestic heating system to save maximum energy and cost.

What is it?
- New legislation that came into effect in April 2018.
- Only applicable in England. Scotland, Wales and N. Ireland are excluded.
- Designed to improve energy efficiency in domestic heating systems.
- Applies to all new and replacement gas central heating systems installed from April 2018.
- Can influence the correct choice of SALUS heating control to install.

ErP Directive’s Objectives

To improve energy efficiency and environmental protection the ErP Directive, which is a European legislation as part of CE marking, applies to products that affect energy consumption throughout their life cycle, from manufacture, use, and until their end of life. Heating systems fall under this directive and the features and functionality of the heating control unit have an impact upon its ErP rating (I to VIII.) At SALUS we have endeavoured to allow our controls to reach the highest possible rating without substantially impacting the overall cost of the product.

For more info go to www.salus-controls.com/uk also find us on...
A stat that ticks all the boxes...

Boiler Plus compliant thermostats to suit the homeowner and installer. Quick to install, simple to set up and easy to use.

- Boiler Plus Compliant
- Load Compensation (OpenTherm)
- Landlord PIN
- Service Mode
- Optimisation
- TPI
- Easy to Install
- 5 Year Warranty

5 YEAR WARRANTY

ErPV

SALUS Controls Product Catalogue
The RT520 Thermostat Range

The RT520 and RT520RF are the latest additions to SALUS’ tried and tested RT range of thermostat heating controls.

With a new on-board load compensation feature, they offer the most cost effective fully compliant Boiler Plus solution on the market providing the homeowner with optimum efficiency and maximum heating control comfort.

Available in both wired and wireless RF versions, the new RT520 series include all the features of the previous RT series with a larger more intuitive LCD display and a handy new suite of additional operational and efficiency functions.

**Take the thinking out of Boiler Plus.** We guarantee that by fitting this thermostat you will comply with the new regulations.

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load Compensation</td>
<td>Load Compensation is one of the 4 energy saving features that makes a system Boiler Plus compliant. Therefore the RT520 will be the most cost effective fully compliant thermostat option on the market. Taking the most commonly used OpenTherm protocol compatible with most new boilers sold in the UK, on board load compensation allows the homeowner to more efficiently manage their heating and reduce energy and costs.</td>
</tr>
<tr>
<td>Optimisation Functions</td>
<td>Optimum Start and Optimum Stop.</td>
</tr>
<tr>
<td>New Larger Clear to read LCD</td>
<td>Simple, quick and straightforward operation and setup for all users.</td>
</tr>
<tr>
<td>TPI (Time Proportional &amp; Integral) 'self-learning' Functionality</td>
<td>More precise heating control with increased comfort and improved energy efficiency.</td>
</tr>
<tr>
<td>ErP Rating V</td>
<td>Improved ErP rating means better efficiency rating of the whole system and total cost reductions. ErP IV is a benchmark minimum for some EU markets.</td>
</tr>
<tr>
<td>Service Mode</td>
<td>Thermostat can be programmed to ensure home occupier is aware a boiler service is required and landlord can access to action.</td>
</tr>
<tr>
<td>Landlord PIN</td>
<td>PIN entry option for landlord/building owner only access to certain settings and menus.</td>
</tr>
<tr>
<td>Battery operated</td>
<td>Simple and quick to install with no 230v wires.</td>
</tr>
<tr>
<td>868MHz Wireless (RT520 RF)</td>
<td>Wireless free installation, excellent range and pre-paired out of the box.</td>
</tr>
<tr>
<td>5 year warranty</td>
<td>For maximum peace of mind.</td>
</tr>
</tbody>
</table>

**Features**

- **Thermostat Supply:** 2 x AA Batteries
- **Receiver (Rx) Supply:** 230V AC 50Hz
- **Rx Rating Max:** 16 (5) A SPST
- **Rx Input/Output:** 0 - 230V
- **Thermostat Scale:** 5 to 33.5°C
- **Thermostat Size (mm):** B-95 H-118 T-26
- **Receiver Size (mm):** B-96 H-96 T-27
Introducing the NEW RT510RF+
Thermostat and Boiler Plug-Ins

Fully compliant with Boiler Plus!

We have improved the software in our popular RT510 range to now include ITLC (Internal Temperature Load Compensation) creating the NEW RT510+ range of thermostats.
Making them the only fully compliant Boiler Plus plug-ins on the market!

RT510LG+5V+
Digital Programmable Thermostat & Receiver
Compatible with Ideal Logic Gen 2, Vogue and Zanussi Boilers. With built in ITLC (Internal Temperature Load Compensation) it is fully compliant with Boiler Plus.

RT510WBC+
Digital Programmable Thermostat & Receiver
Compatible with Worcester Bosch boilers. With built in ITLC (Internal Temperature Load Compensation) it is fully compliant with Boiler Plus.

RT510BC+
Digital programmable room thermostat with plug-in RF boiler receiver. With built in ITLC (Internal Temperature Load Compensation) it is fully compliant with Boiler Plus.
SALUS offer a complete range of programmers plus simple and fully programmable thermostats ensuring the right solution for every application and all user types.

Simple programmers allow the user to define when and for how long their heating and/or hot water will operate, with advanced options to control up to 3 separate heating zones.

Thermostats allow control based on the room temperature and let users adjust the temperature set point for more flexible comfort. Programmable Thermostats control the heating based on both room temperature and time scheduling for optimum accuracy and efficiency.

SALUS RF thermostats have the benefit of communicating wirelessly between the room thermostat and the boiler via a receiver, meaning that they can be installed quickly and without the fuss of a wired installation.
RT100
Mechanical Room Thermostat
The RT100 mechanical room thermostat is widely used in commercial, industrial and residential buildings. Suitable for controlling room temperature, easy to install, accurate sensitivity and reliability.

FEATURES
• Switching volt free and 230V
• Simple control
• 2 wire installation
• Suitable for replacement market
• Change over contacts

Supply: 0 - 230V
Rating Max: 1 A SPDT
Scale: 10 to 30°C
Size (mm): W-73 H-73 D-38

Wiring
NC Switched output
COM Live input
NO Switched output

RT200
Electronic Room Thermostat
Easy to use electronic room thermostat provides accurate temperature control for all central heating applications.

FEATURES
• Can only be used for 230V applications.
• Stylish appearance
• Simple operation
• LED indication for heating demand
• Industry standard back plate for ease of installation

Supply: 230V AC 50Hz
Rating Max: 3 (1) A SPST
Output: 230V AC 50Hz
Scale: 5 to 35°C
Size (mm): W-95 H-95 D-40

Wiring
N Neutral connection
L Live connection
SL Switch live output
Earth

RT310
The RT310 is a stylish, simple to install and use wired room thermostat.

FEATURES
• Switching volt free and 230V
• Sleep Mode
• Frost Protection
• 5 Year Warranty
• Simple Operation
• Contemporary design
• Easy Installation

Supply: 2 x AA Batteries
Switching Max: 3 (1) A SPST
Input/Output: 0 - 230V
Scale: 5 to 35°C
Size (mm): W-96 H-96 D-27

Wiring
L Input
SL Switched output
Earth

RT510+
The RT510+ is a stylish, simple to install and use wired fully programmable room thermostat with a range advanced features. With built in ITLC (Internal Temperature Load Compensation) it is fully compliant with Boiler Plus.

FEATURES
• Switching volt free and 230V
• Sleep Mode
• Programmable time and temperature scheduling
• Frost Protection
• 5 Year Warranty
• Simple Operation
• Manual mode on thermostat to disable schedule
• Heating Boost Mode
• Holiday Mode
• Contemporary design
• Easy Installation
• ITLC (Internal Temperature Load Compensation)
• Boiler Plus Compatible
• 5 Year Warranty

Supply: 2 x AA Batteries
Switching Max: 3 (1) A SPST
Input/Output: 0 - 230V
Thermostat Scale: 5 to 33.5°C
Thermostat Size(mm): W-118 H-95 D-26

Wiring
L Input
A and B OpenTherm

RT310
The RT310 is a stylish, simple to install and use wired room thermostat.

FEATURES
• Switching volt free and 230V
• Sleep Mode
• Frost Protection
• 5 Year Warranty
• Simple Operation
• Contemporary design
• Easy Installation

Supply: 2 x AA Batteries
Switching Max: 3 (1) A SPST
Input/Output: 0 - 230V
Scale: 5 to 35°C
Size (mm): W-96 H-96 D-27

Wiring
L Input
SL Switched output
Earth

RT520
Hardwired programmable room thermostat with extra large display. Rated ERP V with OpenTherm compatible load compensation.

FEATURES
• Load Compensation (OpenTherm Compatible)
• Optimisation Functions
• New Larger, clear, easy to read LCD
• TPI (Time Proportional & Integral) ‘self-learning’ Functionality
• ErP Rating V
• Service Mode
• Landlord PIN
• Easy Installation
• Simple Operation
• Battery Operated
• 5 Year Warranty

Thermostat Supply: 2 x AA Batteries
Thermostat Max: 3 (1) A SPST
Input/Output: 0 - 230V
Thermostat Scale: 5 to 33.5°C
Thermostat Size(mm): W-118 H-95 D-26

Wiring
L Input
± Earth
SL Switched output
A and B OpenTherm

SALUS Controls Product Catalogue
FT100
Frost Thermostat
Electronic thermostat for frost protection.

FEATURES
• Can only be used for 230V applications.
• LED indicator for heating demand
• Large dial
• Simple operation
• Tamper proof cover

Supply: 230V AC 50Hz
Rating Max: 3 (1) A SPST
Output: 230V AC 50Hz
Scale: -10 to 20°C
Size (mm): W-95 H-95 D-40

Wiring
N Neutral connection
L Live connection
SL Switch live output
Earth

EP110
Single Channel Programmer
Easy to use and stylish digital timer for single channel
system applications.

FEATURES
• Switching volt free and 230V
• Timed control for central heating or hot water
• 3 On/Off periods
• Large, easy to read LCD
• Holiday function
• Advance function
• Boost function
• Simple installation
• Default program
• 5 Year Warranty

Supply: 230V AC 50Hz
Rating Max: 3 (1) A SPDT
Output: 0 - 230V
Size (mm): W-120 H-98 D-27

Wiring
N Neutral connection
L Live connection
(1) NC terminal
(3) Switched output NO
(4) Common connection

EP210
2 Channel Programmer
2 channel programmer for timed control of central heating
and hot water in a domestic system.

FEATURES
• Can only be used for 230V applications.
• Individual control of central heating and hot water
• 3 On/Off periods
• Large, easy to read LCD
• Holiday function
• Advance function
• Boost function
• Simple installation
• Default program
• 5 Year Warranty

Supply: 230V AC 50Hz
Rating Max: 3 (1) A SPDT
Output: 230V
Size (mm): W-120 H-98 D-27

Wiring
N Neutral connection
L Live connection
(1) Hot water OFF
(2) Central heating OFF
(3) Hot water ON
(4) Central heating ON

EP310
3 Channel Programmer
3 channel programmer with two individual timed heating zones and one timed hot water zone in a
domestic system.

FEATURES
• Can only be used for 230V applications.
• Time control for the two heating zones and hot water zone
• 3 On/Off periods
• Large, easy to read LCD
• Holiday function
• Advance function
• Boost function
• Simple installation
• Default program
• 5 Year Warranty

Supply: 230V AC 50Hz
Rating Max: 3 (1) A SPDT
Output: 230V AC 50Hz
Size (mm): W-120 H-98 D-27

Wiring
N Neutral connection
L Live connection
(1) Hot water OFF
(2) Central heating zone 1 OFF
(3) Central heating zone 1 ON
(4) Hot water ON
(5) Central heating zone 2 ON
(6) Central heating zone 2 OFF
ERT20RF
Electronic Thermostat with RF
The ERT20RF from SALUS Controls is a stylish and accurate dial thermostat. This thermostat has been specifically designed to be used for both Volt Free and AC heating applications.

FEATURES
- Switching volt free and 230V
- Wall mount thermostat
- User friendly dial
- Simple to use
- 16 amp relay switching
- LED Indication

<table>
<thead>
<tr>
<th>Thermostat Supply:</th>
<th>2 x AA Batteries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receiver (Rx) Supply:</td>
<td>230V AC 50Hz</td>
</tr>
<tr>
<td>Rx Rating Max:</td>
<td>16 (5) A SPST</td>
</tr>
<tr>
<td>Rx Input/Output:</td>
<td>0 - 230V</td>
</tr>
<tr>
<td>Thermostat Scale:</td>
<td>5 to 30°C</td>
</tr>
<tr>
<td>Thermostat Size(mm):</td>
<td>W-80 H-80 D-26</td>
</tr>
<tr>
<td>Receiver Size (mm):</td>
<td>W-130 H-95 D-65</td>
</tr>
</tbody>
</table>

RF Receiver Wiring
N Neutral connection
L Live connection
COM Input
NO Switched output

RT310RF
The RT310RF is a stylish, simple to install and use wireless RF room thermostat.

FEATURES
- Switching volt free and 230V
- Sleep Mode
- Frost Protection
- Desk Stand
- 5 Year Warranty
- Frequency 868 MHz with 30 metre range
- Simple Operation
- 16 amp relay switching
- Pre-paired wireless communication, so no more dip switches!
- Contemporary design
- RF Test Function
- Easy Installation
- Receiver manual override switch

Thermostat Supply: 2 x AA Batteries
Receiver (RX) Supply: 230V AC 50Hz
RX Rating Max: 16 (5) A SPST
RX Input/Output: 0 - 230V
Thermostat Scale: 5 to 35°C
Thermostat Size (mm): W-96 H-96 D-27
Receiver Size (mm): W-96 H-96 D-27

RF Receiver Wiring
N Neutral connection
L Live connection
COM Input
NO Switched output

RT510RF+
The RT510RF+ is a stylish, simple to install and use wireless RF fully programmable room thermostat. With built in ITLC (Internal Temperature Load Compensation) it is fully compliant with Boiler Plus.

FEATURES
- Switching volt free and 230V
- Sleep Mode
- Programmable
- Frost Protection
- Desk Stand
- 5 Year Warranty
- Simple Operation
- Frequency 868 MHz with 30 metre range
- 16 amp relay switching
- Manual mode
- RF Test Function
- Pre-paired wireless communication, so no more dip switches!
- Heating Boost Mode
- Holiday Mode
- Receiver manual override switch
- Contemporary design
- Easy Installation
- Receiver manual override switch
- ITLC (Internal Temperature Load Compensation)
- Boiler Plus Compatible

Thermostat Supply: 2 x AA Batteries
Receiver (RX) Supply: 230V AC 50Hz
RX Rating Max: 16 (5) A SPST
RX Input/Output: 0 - 230V
Thermostat Scale: 5 to 35°C
Thermostat Size (mm): W-120 H-96 D-27
Receiver Size (mm): W-96 H-96 D-27

RF Receiver Wiring
N Neutral connection
L Live connection
COM Input
NO Switched output
A and B OpenTherm

RT520RF
The RT520RF is a stylish battery operated, programmable wireless room thermostat with extra large display. Rated ERP V with OpenTherm compatible load compensation.

FEATURES
- Load Compensation (OpenTherm Compatible)
- Optimisation Functions
- New Larger Clear easy to read LCD
- TPI (Time Proportional & Integral) ‘self-learning’ Functionality
- ERP Rating V
- Service Mode
- Landlord PIN
- Battery Operated
- Frequency 868 MHz with 30 metre range
- 5 Year Warranty

Thermostat Supply: 2 x AA Batteries
Receiver (Rx) Supply: 230V AC 50Hz
Rx Rating Max: 16 (5) A SPST
Rx Input/Output: 0 - 230V
Thermostat Scale: 5 to 33.5°C
Thermostat Size(mm): W-118 H-95 D-26
Receiver Size (mm): W-96 H-96 D-27

RF Receiver Wiring
N Neutral connection
L Live connection
COM Input
NO Switched output
A and B OpenTherm

Thermostat Supply: 2 x AA Batteries
Receiver (Rx) Supply: 230V AC 50Hz
Rx Rating Max: 16 (5) A SPST
Rx Input/Output: 0 - 230V
Thermostat Scale: 5 to 33.5°C
Thermostat Size(mm): W-118 H-95 D-26
Receiver Size (mm): W-96 H-96 D-27

RF Receiver Wiring
N Neutral connection
L Live connection
COM Input
NO Switched output
A and B OpenTherm
Thermostat Supply: 2 x AA Batteries
Receiver Supply: 24V DC
Switching Max: 3 (1) A SPST
Receiver Output: 24V DC
Scale: 5 to 35°C
Thermostat Size (mm): W-120 H-96 D-27
Receiver Size (mm): W-130 H-108 D-25
See compatibility chart page 18

FEATURES
• Sleep Mode
• Programmable
• Frost Protection
• Desk Stand
• 5 Year Warranty
• Simple Operation
• Plug-in boiler receiver
• LED status indicator
• Frequency 868 MHz with 30 metre range
• Manual mode

FEATURES OF THERMOSTAT
• Sleep Mode
• Programmable time and temperature scheduling
• Frost Protection
• 5 Year Warranty
• Simple Operation
• Manual mode on thermostat to disable schedule
• Heating Boost Mode
• Holiday Mode
• Contemporary design
• Easy Installation
• ITLC (Internal Temperature Load Compensation)
• Boiler Plus Compatible

FEATURES OF RECEIVER
• Plug in connections
• Volt free contacts
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range

Thermostat Supply: 2 x AA Batteries
Receiver Supply: 24V DC
Switching Max: 3 (1) A SPST
Receiver Output: 24V DC
Scale: 5 to 35°C
Thermostat Size (mm): W-120 H-96 D-27
Receiver Size (mm): W-130 H-108 D-25
See compatibility chart page 18

FEATURES OF THERMOSTAT
• Sleep Mode
• Programmable time and temperature scheduling
• Frost Protection
• 5 Year Warranty
• Simple Operation
• Manual mode on thermostat to disable schedule
• Heating Boost Mode
• Holiday Mode
• Contemporary design
• Easy Installation
• ITLC (Internal Temperature Load Compensation)
• Boiler Plus Compatible

FEATURES OF RECEIVER
• Plug in connections
• LED status indication
• Manual override control
• Frequency 868 MHz with 30 metre range

Thermostat Supply: 2 x AA Batteries
Receiver Supply: 5V DC
Switching Max: 3 (1) A SPST
Receiver Output: 5V DC
Scale: 5 to 35°C
Thermostat Size (mm): W-120 H-96 D-27
Receiver Size (mm): W-129 H-84 D-30
See compatibility chart page 18

FEATURES
• Pre-paired wireless communication, so no more dip switches!
• Heating Boost Mode
• Holiday Mode
• Contemporary design
• RF Test Function
• Easy Installation
• ITLC (Internal Temperature Load Compensation)
• Boiler Plus Compatible

FEATURES OF THERMOSTAT
• Sleep Mode
• Programmable time and temperature scheduling
• Frost Protection
• 5 Year Warranty
• Simple Operation
• Manual mode on thermostat to disable schedule
• Heating Boost Mode
• Holiday Mode
• Contemporary design
• Easy Installation
• ITLC (Internal Temperature Load Compensation)
• Boiler Plus Compatible

FEATURES OF RECEIVER
• Plug in connections
• Volt free contacts
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range

ST620WBC
Digital Programmable Thermostat & Receiver
Stylish digital programmable room thermostat with plug in radio frequency boiler control and revolutionary touch ring for easy setting and simple control. Compatible with Worcester Bosch boilers.

FEATURES OF THERMOSTAT
• Touch ring technology
• Large LCD with white back-light
• Stylish casing
• Battery powered with replacement indicator
• Frost protection
• Built-in start up programming for quick installation
• Frequency 868 MHz with 30 metre range

FEATURES OF RECEIVER
• Plug in connection
• LED status indication
• Manual override control

Thermostat Supply: 2 x AA Batteries
Receiver Supply: 24V DC
Switching Max: 3 (1) A SPST
Receiver Output: 24V DC
Scale: 5 to 35°C
Thermostat Size (mm): W-111 H-111 D-30
Receiver Size (mm): W-130 H-108 D-25
See compatibility chart page 18
Mix & Match Range

SALUS Mix and Match range allows the user to choose the thermostat that best fits their requirements with the receiver most appropriate for their boiler type, including the 2-minute install plug-in units.
iT500BM
Digital Internet Thermostat
Digital room thermostat with large back-light LCD display and volt free contacts.
*Can only be used with RXVBG605, RXWBG605, RXBG605, RBXSV and LG+SV

Features:
- Sleep Mode
- Programmable time and temperature scheduling
- Frost Protection
- Desk Stand
- 5 Year Warranty
- Simple Operation
- Frequency 868 MHz with 30 metre range
- Manual mode on thermostat to disable schedule
- Heating Boost Mode
- Holiday Mode
- Manual override
- Contemporary design
- RF Test Function
- Easy Installation
- ITLC (Internal Temperature Load Compensation)
- Boiler Plus Compatible

Supply: 2 x AA Batteries
Scale: 5 to 35°C
Size (mm): W-128 H-95 D-30

SR868
868MHz Wireless Relay
The SR868 is a wireless 16A relay that pairs with and is controlled by our RT range of Thermostats, it is designed to be compact enough to fit in the smallest wallbox making it perfect for use in electrical heating applications. The 16A capacity allows the SR868 to handle devices with a larger demand such as electric heaters. SR868 is sold alone or as a pack with RT310RF, RT510RF, RT310i Thermostats.

Features:
- Industry leading 16A max current
- Wireless communication
- Compact Size
- Internet connectable (RT310iSR)

Supply: 230 V AC 50Hz
Max Current: 16 (5) A
Wireless Standard: 868 MHz
IP Rating: IP30
Size (mm): W-45 H-45 D-26

RXRT510
Receiver
Standard RF boiler receiver compatible with most common boilers and any Thermostat in the Mix and Match Range (except the iT500BM).
Can be used for volt free and 230V applications.

Features:
- Manual override control
- LED status indication
- Frequency 868 MHz with 30 metre range
- 5 Year Warranty

Supply: 230V AC 50Hz
Rating Max: 16 (5) A SPST
Input/ Output: 0 to 230V
Size (mm): W-96 H-96 D-27
Wiring:
- L Live connection
- N Neutral connection
- COM Input
- NO Switched output
RXBC605
Plug-in Receiver
RF Receiver compatible with any thermostat in the Mix & Match range.

FEATURES
• Plug in connections
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range
• 5 Year Warranty

Supply: 230V AC 50Hz
Rating Max: 5 (1) A SPST
Output: 0 - 230V
Size: W-58 H-58 D-30

Internal boiler connections
1 Neutral connection
2 Live connection
3 Live in
4 Switched output

Optional Boiler Plate BBP1
For BAXI 100, 200, 300 & 400 Range

Terminal Identifier Description
1 DC+ 5V DC+
2 DC- 5V DC-
3 COM Common input
4 NO Normal open
5 NC Normal closed

See compatibility chart page 18

LG+ 5V
Plug-in Receiver
RF Receiver with bezel & wiring loom
Compatible with Ideal Logic Gen 2, Vogue and Zanussi Boilers.

FEATURES
• Plug in connections
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range
• 5 Year Warranty

Supply: 5V DC
Switching Max: 3 (1) A SPST
Output: 5V DC
Size: W-58 H-58 D-30

RXBC605
Plug-in Receiver
RF Receiver compatible with Vaillant boilers and can be used with any thermostat in the Mix & Match range.

FEATURES
• Plug in connections
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range
• 5 Year Warranty

Supply: 24V DC
Receiver Output: 24V DC
Size: W-145 H-98 D-20
See compatibility chart page 18

RXVB605
Plug-in Receiver
RF Receiver is compatible with Worcester Bosch boilers and can be used with any thermostat in the Mix & Match range.

FEATURES
• Plug in connections
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range
• 5 Year Warranty

Supply: 24V DC
Output: 24V DC
Size: W-130 H-108 D-25
See compatibility chart page 18

RXVB605
Plug-in Receiver
RF Receiver is compatible with Worcester Bosch boilers and can be used with any thermostat in the Mix & Match range.

FEATURES
• Plug in connections
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range
• 5 Year Warranty

Supply: 24V DC
Output: 24V DC
Size: W-130 H-108 D-25
See compatibility chart page 18

RXWC605
Plug-in Receiver
RF Receiver is compatible with Worcester Bosch boilers and can be used with any thermostat in the Mix & Match range.

FEATURES
• Plug in connections
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range
• 5 Year Warranty

Supply: 24V DC
Output: 24V DC
Size: W-130 H-108 D-25
See compatibility chart page 18

See compatibility chart page 18
### Compatibility Chart

<table>
<thead>
<tr>
<th></th>
<th>ALPHA</th>
<th>BAXI</th>
<th>HALSTEAD</th>
<th>POTTERTON</th>
<th>VOKERA</th>
<th>MAIN</th>
<th>IDEAL</th>
<th>SIME</th>
<th>BIASI</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RT510BC RXBC605</strong></td>
<td>CB Range Duo Tec HE</td>
<td>Ace</td>
<td>Performa HE</td>
<td>Linea</td>
<td>25 Eco</td>
<td>i-combi</td>
<td>Ecofort HE</td>
<td>Advance Plus Combi</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CD Range Platinum HE</td>
<td>Ace High</td>
<td>Promax HE Plus</td>
<td>Linea HE</td>
<td>30 Eco</td>
<td>Pro-combi</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>HE Range Instant 10SE</td>
<td>Finest Platinum</td>
<td>Gold HE</td>
<td>Mynute HE</td>
<td>System 24 Eco</td>
<td>i-mini</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Intech C Maxflow WM</td>
<td>Eden CB</td>
<td>Suprima HE</td>
<td>Mynute EHE</td>
<td>System 28 Eco</td>
<td>Esprit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Intech GS 130 HE</td>
<td>Quatro Gold</td>
<td>Heatmax Combi HE</td>
<td>Synergy</td>
<td>30 HEw</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Eco Combi 133 HE</td>
<td></td>
<td></td>
<td></td>
<td>Hydra</td>
<td>Eco Elite</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>EcoBlue + Combi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>EcoBlue Advance Combi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>RXWBC605 RT510WBC ST620WBC</strong></th>
<th><strong>WORCESTER BOSCH</strong></th>
<th><strong>VAILLANT</strong></th>
<th><strong>LG+5V</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Greenstar i Range</td>
<td>ecoTEC Pro Range</td>
<td>Logic + Models</td>
<td></td>
</tr>
<tr>
<td>Greenstar CDi Classic Combi Range</td>
<td>ecoTEC Plus Range</td>
<td>Vogue</td>
<td></td>
</tr>
<tr>
<td>Greenstar CDi Compact Combi Range</td>
<td>ecoTEC Exclusive Range</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greenstar Si Compact Range</td>
<td>ecoTEC Pure Range</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greenstar Highflow CDi Combi Range</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Internet Thermostat Range

SALUS Internet connected thermostats allow the user the flexibility and convenience of setting and controlling their heating from anywhere via a Smartphone, Tablet or PC.
iT500

Smartphone Controlled Thermostat

iT500 Smartphone controlled thermostat with options for heating and hot water control or 2 heating zones.

- Access and control your heating and hot water via the Internet
- Compatible with your Smartphone, Tablet or PC
- Your Smartphone, Tablet or PC connects to the system using your existing broadband connection
- The internal system uses 868 MHz for robust communication
- System is secure and energy efficient
- The system is wireless so it’s easy to install
- 3 possible system configurations

Features

- Switching 230V
- 2 x Volt Free Outputs
- Internet control via Smartphone, Tablet or PC
- Local control
- Wall or desk mounted thermostat
- Touch controls on thermostat
- Frequency 868 MHz
- Suitable for heating or cooling applications
- 5 Year Warranty

Included in the box

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermostat</td>
<td>Supply 2 x AAs Batteries, Scale 5 to 35°C</td>
</tr>
<tr>
<td></td>
<td>Gateway Supply 5V (adaptor included)</td>
</tr>
<tr>
<td>Receiver</td>
<td>Supply 230V AC 50Hz, Switch Rating 16 (5) amp</td>
</tr>
<tr>
<td>AUX (CH/HW)</td>
<td>5 (2) amp</td>
</tr>
<tr>
<td>Ethernet cable included</td>
<td>Output 0 - 230V</td>
</tr>
</tbody>
</table>

Sensor (optional extra)

- Supply 2 x AAs Batteries
- iT300 Sensor* for use with two zone central heating

See example

1. One central heating zone only.
2. Two central heating zones.
3. One central heating zone plus hot water.
iT500BM
For combination boilers only. For one central heating zone only.

The iT500BM can be used with any of the receivers on this page. Giving you more choice and freedom to control your heating from anywhere.

Can be used with any of these receivers...

RXBC605
Plug-in Receiver
FEATURES
• Plug in connections
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range
• 5 Year Warranty
Supply: 230V AC 50Hz
Rating Max: 5 (1) A SPST
Output: 0 - 230V
Size: W-58 H-58 D-30

Internal boiler connections
1 Neutral connection
2 Live connection
3 Live in
4 Switched output

Optional Boiler Plate BBP1
For BAXI 100, 200, 300 & 400 Range
See compatibility chart page 18

RXBC5V
Plug-in Receiver
FEATURES
• No additional wiring or power supply
• Plug and play format 2-minute installation
• Control your boiler using a Smartphone, Tablet or PC via the app (iT500)
• 5 Year Warranty
Supply: 5V DC
Output: 5V DC
Size: W-58 H-58 D-30

LG+5V
Plug-in Receiver with bezel & wiring loom
Compatible with Ideal Logic Gen 2, Vogue and Zanussi Boilers
FEATURES
• Plug in connections
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range
• 5 Year Warranty
Supply: 24V DC
Output: 24V DC
Size: W-145 H-98 D-20
See compatibility chart page 18

RXVBC605
Plug-in Receiver
Compatible with Vaillant boilers
FEATURES
• Plug in connections
• Manual override control
• LED status indication
• Frequency 868 MHz with 30 metre range
• 5 Year Warranty
Supply: 24V DC
Output: 24V DC
Size: W-130 H-108 D-25
See compatibility chart page 18

RXVBC605
Plug-in Receiver
Compatible with Worcester Bosch boilers
FEATURES
• Plug in connections
• LED status indication
• Manual override control
• Frequency 868 MHz with 30 metre range
• 5 Year Warranty
RT310i Single Zone

Smartphone Controlled Thermostat

The RT310i is an affordable Smartphone controlled thermostat. It allows you to control your heating from anywhere via your Smartphone, Tablet or PC. Alternatively, it can be used locally as a simple to use up / down thermostat.

Features

- Switching volt free and 230V
- Optional control via Smartphone, Tablet or PC
- Easy to use App
- Pre-paired wireless communication, so no more dip switches!
- Wall or desk mounted thermostat
- Choose to use schedule or control manually
- Adjustable frost protection when the thermostat is off
- Wireless communication test function
- Suitable for heating or cooling applications
- Holiday function
- 16 amp relay switching
- Manual override
- 5 Year Warranty

Thermostat RT310i

Supply: 2 x AA Batteries
Scale: 5 to 35°C

Gateway

Supply: 2 x AA Batteries
Ethernet cable included

Receiver

Supply: 230V RF
Switch Rating: 16(S) Amp SPST
Output: 0 - 230V

Walk through tutorials on how to use the App.
Easy to use heating or cooling control.
Simple to modify heating schedules. Choose from ALL, 5/2 or INDIVIDUAL days.
SALUS Smart Home Range

As technology advances, more and more devices are becoming wireless, bringing the dream of a fully automated home closer to a reality. The SALUS Smart Home Range allows you to control your home from anywhere using your Smartphone, Tablet or PC. With individual room temperature control, scheduling and controlling of your electrical appliances or monitoring doors and windows, you have comfort, convenience and security in one easy to use and simple to install system.

Control multiple rooms in your home from anywhere, via your Smartphone, Tablet or PC...
HTRS-RF(30)
Simple to use and with a clear, easy to read LCD display, the HTRS-RF(30) is perfect for users who want to precisely control individual room temperature. With silent switching and TPI (Time Proportional & Integral) calibration, accuracy and efficiency are nevertheless assured.

Supply: 2 x AA Batteries
Scale: 5°C to 32.5°C
Size (mm): W-85 H-85 D-25

FEATURES
- TPI (Time Proportional & Integral) ‘self-learning’ Functionality
- Traditional dial face
- Integrates with HTRP-RF(50)
- ErP Rating IV
- Battery operated

HTR-RF(20)
Simple to use, the HTR-RF(20) is perfect for users who appreciate a traditional dial face and want minimal intervention in the heating system. With silent switching and TPI (Time Proportional & Integral) calibration, accuracy and efficiency are nevertheless assured.

Supply: 2 x AA Batteries
Scale: 5°C to 32.5°C
Size (mm): W-80 H-80 D-30

FEATURES
- TPI (Time Proportional & Integral) ‘self-learning’ Functionality
- Traditional dial face
- Integrates with HTRP-RF(50)
- ErP Rating IV
- Battery operated

HTRP-RF(50)
Simple to use and with a clear easy to read LCD display, the HTRP-RF(50) is perfect for users who want complete control over their underfloor heating system. With silent switching and TPI (Time Proportional & Integral) calibration, accuracy and efficiency are assured. Time and heat schedules are also fully programmable to optimise control and minimise energy usage.

Supply: 2 x AA Batteries
Scale: 5°C to 32.5°C
Size (mm): W-85 H-85 D-25

FEATURES
- TPI (Time Proportional & Integral) ‘self-learning’ Functionality
- Clear easy to read LCD
- Integrates with HTRP-RF(50)
- Can be used as room thermostat in a system with other programmable SALUS thermostats
- ErP Rating IV
- Pre-set override temperatures
- Optional floor temperature sensor
- Battery operated

TS600
The sleek and inobtrusive design makes the TS600 an ideal solution for locations which demand discrete controls while still ensuring optimum heating comfort. Likewise the remote only interface makes the TS600 Appstat perfect for managed properties that prefer to avoid local user intervention.

Supply: 2 x AA Batteries
Wireless Standard 2.4GHz Zigbee
Scale: 5°C to 32.5°C
Size (mm): W-51 H-85 D-26

FEATURES
- Stylish, compact, surface mounted solution
- ‘Self-learning’ functionality time proportional and integral (TPI)
- LED indication
- Optional external sensor
- App Only Interface
- Clear and Easy to use
- Controls up to six SALUS Smart Radiator controls (TRVs) in a zone
- Control via the SALUS Smart Home App

UG600
Universal Gateway
The SALUS Smart Home gateway is what connects your SALUS Smart Home devices together and when connected to any WiFi router allows control via Smartphone, Tablet or PC, using the SALUS Smart Home app.

Supply: 5V DC over USB
Wireless Standard 2.4GHz Zigbee
Operating Temp: 0 to 50 °C
Size (mm): W-88 H-56 D-26

FEATURES
- LED indication
- Connects all SALUS Smart Home products to the Smart Home app
- Ethernet connection

Jumers
Switch | Characteristic | ON | OFF
--- | --- | --- | ---
VP | Valve protection | | |
TPI | TPI control | | |
NSB function (2 ° or 4 °) | 2°C | 4°C |
CO | Heat/Cool | Deactivate |

UG600
Universal Gateway
The SALUS Smart Home gateway is what connects your SALUS Smart Home devices together and when connected to any WiFi router allows control via Smartphone, Tablet or PC, using the SALUS Smart Home app.

Supply: 5V DC over USB
Wireless Standard 2.4GHz Zigbee
Operating Temp: 0 to 50 °C
Size (mm): W-88 H-56 D-26

FEATURES
- LED indication
- Connects all SALUS Smart Home products to the Smart Home app
- Ethernet connection

Jumers
Switch | Characteristic | ON | OFF
--- | --- | --- | ---
VP | Valve protection | | |
TPI | TPI control | | |
NSB function (2 ° or 4 °) | 2°C | 4°C |
CO | Heat/Cool | Deactivate |

UG600
Universal Gateway
The SALUS Smart Home gateway is what connects your SALUS Smart Home devices together and when connected to any WiFi router allows control via Smartphone, Tablet or PC, using the SALUS Smart Home app.

Supply: 5V DC over USB
Wireless Standard 2.4GHz Zigbee
Operating Temp: 0 to 50 °C
Size (mm): W-88 H-56 D-26

FEATURES
- LED indication
- Connects all SALUS Smart Home products to the Smart Home app
- Ethernet connection

Jumers
Switch | Characteristic | ON | OFF
--- | --- | --- | ---
VP | Valve protection | | |
TPI | TPI control | | |
NSB function (2 ° or 4 °) | 2°C | 4°C |
CO | Heat/Cool | Deactivate |

UG600
Universal Gateway
The SALUS Smart Home gateway is what connects your SALUS Smart Home devices together and when connected to any WiFi router allows control via Smartphone, Tablet or PC, using the SALUS Smart Home app.

Supply: 5V DC over USB
Wireless Standard 2.4GHz Zigbee
Operating Temp: 0 to 50 °C
Size (mm): W-88 H-56 D-26

FEATURES
- LED indication
- Connects all SALUS Smart Home products to the Smart Home app
- Ethernet connection

Jumers
Switch | Characteristic | ON | OFF
--- | --- | --- | ---
VP | Valve protection | | |
TPI | TPI control | | |
NSB function (2 ° or 4 °) | 2°C | 4°C |
CO | Heat/Cool | Deactivate |
RX10RF
Boiler Receiver
The SALUS System receiver can be used as part of the SALUS Smart Home system as an external boiler switch. The receiver can be used with the TRV10RFM.

FEATURES
• Switching volt free and 230V
• Manual Mode
• LED indicators
• Can be used as boiler receiver or individual zones receiver

Wiring
L Live connection
N Neutral connection
\( \bar{\text{N}} \) Earth
COM Input
NO Switched output

Power Supply: 230V AC 50Hz
Rating Max: 16 (5) A SPST
Input/Output: 0 - 230V
Size (mm): W-145 H-100 D-35

TRV10RFM
The TRV10RFM is a battery-powered, mini-size thermostatic radiator valve (TRV) controller using ZigBee wireless communication. Simply replace the existing, passive head on the standard valve with the TRV10RFM. You can connect up to 6 TRV's to one HTRS-RF(30) thermostat used with the SALUS Smart Home gateway.

FEATURES
• Automatic valve adaptation
• Easy wireless pairing
• Manual on/off buttons
• LED status indication
• Buttons can be locked
• Frost protection function
• Open window detection function
• Limescale protection function
• Optional mounting ring

Power Supply: 2 x AA Batteries
Size (mm): W-52 H-85 D-52

FC600
Fancoil Thermostat
The SALUS FC600 allows you to reduce energy consumption whilst providing efficient temperature and thermal comfort in places where it is required. Integrates with other products in the SALUS Smart Home range.

Power Supply: 230V AC
Control outputs:
- Fan speed control (I, II, III gear)
- Valve actuator (cooling/ heating)
Wireless Standard: 2.4GHz Zigbee
Temperature range: 5 to 40°C
Size (mm): W-86 H-86 D-42

Accessories
TP28-30 Tamper proof jacket
Can be used to prevent unauthorised removal of device. Perfect for use in schools & offices.
OS600

Window/Door Sensor

The OS600 window sensor is a small, wireless piece of equipment that detects when a window is opened or closed and reports this to the SALUS Smart Home App. This product must be used with the SALUS Smart Home gateway.

**FEATURES**
- Alert via the Smart Home app when a window/door is opened
- Can increase efficiency of heating system when used with HTR-RF thermostats via Smart Home rules engine
- Can be linked to other devices via Smart Home rules engine

**Power Supply:** 1 x CR3032 Battery (500mAh, 3V)
**Wireless Standard:** 2.4GHz Zigbee
**Operating Temp:** 0 to 40 °C
**Sensor Size (mm):** W-55 H-40 D-12
**Magnet Size (mm):** W-55 H-16 D-12

---

SW600

Window/Door Sensor

The new window sensor is a small, slim, wireless piece of equipment that detects when a window is opened or closed and reports this to the SALUS Smart Home App. This product must be used with the SALUS Smart Home gateway.

**FEATURES**
- Alert via the Smart Home app when a window/door is opened
- Can increase efficiency of heating system when used with HTR-RF thermostats via Smart Home rules engine
- Can be linked to other devices via Smart Home rules engine

**Power Supply:** 1 x CR2 3V Battery
**Wireless Standard:** 2.4GHz Zigbee
**Operating Temp:** 0 to 40 °C
**Sensor Size (mm):** W-20 H-70 D-15
**Magnet Size (mm):** W-10 H-40 D-10

---

SP600

Smart Plug

The SALUS smart plug is inserted directly into an existing power outlet. It gives Smartphone control of the device plugged into the smart plug via the SALUS Smart Home app. This product must be used with the SALUS Smart Home app. However, the Smart Button provides an additional method. This product must be used with the Universal Gateway UG600 and the SALUS Smart Home App.

**FEATURES**
- Easily time program each socket
- Remotely disable outlet rather than running in costly standby mode
- Monitor energy usage of outlet
- Can be linked to other devices via Smart Home rules engine
- Electric heating applications
- Small and discreet

**Power Supply:** 230V AC 50Hz
**Wireless Standard:** 2.4GHz Zigbee
**Amp rating:** 13A
**Operating temp:** -10°C to 50°C
**Size (mm):** W-49 H-60 D-36

---

SB600

Smart Button

The Smart Button is used to trigger the “One touch” and “My Status” rules that you have created for your SALUS Smart Home system. Normally “One touch” and “My Status” rules are triggered via the SALUS Smart Home app, however the Smart Button provides an additional method. This product must be used with the Universal Gateway UG600 and the SALUS Smart Home App.

**Power Supply:** 2 x AAA Batteries
**Wireless Standard:** 2.4GHz Zigbee
**Size (mm):** W-59 H-59 D-18

---

CSB600

Protective Smart Button

The Protective Smart Button can be used during a panic situation in order to trigger the “One touch” and “My Status” rules that you have created for your SALUS Smart Home system. Normally “One touch” and “My Status” rules are triggered via the SALUS Smart Home app, however the Smart Button provides an additional method. This product must be used with the Universal Gateway UG600 and the SALUS Smart Home App.

**Power Supply:** 2 x AAA Batteries
**Wireless Standard:** 2.4GHz Zigbee
**Size (mm):** W-59 H-68 D-23
RS600 Roller Shutter
The RS600 double output relay is part of the SALUS Smart Home System. This product was originally designed to be used for Rollershutters only, but this device can do so much more, giving the homeowner various options. It gives the homeowner the possibility to control any devices that require two outputs, for example Window Shutters, Garage Doors, Gates, Motorised Curtains or Lights. All this from anywhere via the Smart Home App and making use of the OneTouch rules.

Power Supply: 230V AC 50Hz
Max Current: 16A
Wireless Standard: 2.4GHz Zigbee
Size (mm): W-45 H-45 D-20

Accessory SRS600 (sold separately)
Smart Relay Surface Mount Bracket

SR600 Smart Relay
The SR600 relay is installed directly into a junction box or can be wall mounted using the optional SRS600 Surface mount bracket to create a hardened semi-permanent control solution for lighting, heating or appliances. Offering an industry leading rated capacity of 16A the SR600 is suitable to control larger current devices such as electric heaters. Integrates wirelessly with the UG600 Universal connection gateway and can be controlled independently or in combination with other devices using the App Smart Rules function.

Power Supply: 230V AC 50Hz
Max Current: 2x 5A (2)
Wireless Standard: 2.4GHz Zigbee HA1.2
Size (mm): W-45 H-45 D-20

Wiring
COM Common terminal
NO Switch terminal
L Power supply 230V AC
N Power supply 230V AC
S1/S2 Switch input terminals

Accessory SRS600 (sold separately)
Smart Relay Surface Mount Bracket

RE600 Repeater
The SALUS Smart Home RE600 repeater is a simple device that connects wirelessly with the Universal Gateway to integrate as part of the Smart Home system. If you have a black spot – an area in your home where you can’t access the ZigBee signal from the gateway – or there’s a problem with the range of your ZigBee signal, the RE600 repeater can help you get connected in that part of your home, by extending the range of the signal. The RE600 comes with the SRS600 wall mount.

Power Supply: 230V AC 50Hz
Wireless Standard: 2.4GHz Zigbee
RE600 Size (mm): W-45 H-45 D-20
SRS600 Size (mm): W-84 H-84 D-28

Accessory SRS600 (sold separately)
Repeater Surface Mount Bracket

ECM600 Electric Monitor
The SALUS electricity monitor can easily monitor single or 3 phase electricity supplies via the SALUS Smart Home app on your Smartphone, Tablet or PC. Must be used in conjunction with the SALUS Smart Home gateway.

FEATURES
• Can be configured for single or 3 phase
• Configuration done via the Smart Home app
• In single phase mode it can measure overall electric consumption + 3 additional zones
• Hourly/weekly/monthly usage display
• Easy installation – No engineer/electrician required
• Simple clamp system clamped around existing electricity cables at main fuse board

Power Supply: 4 x AA Battery (2200mAh, 6V)
Wireless Standard: 2.4GHz Zigbee
Operating Temp: -10 to 50 °C
Size (mm): W-120 H-110 D-38
Our Smart Home products are available in 4 easy to set up Starter Packs

1. **Base Pack - SH-BASE**
   Includes: 1x UG600 Universal Gateway, 1x RX10RF Boiler Receiver and 1x HTRS-RF(30) Thermostat
   Use this pack if you want single zone heating control in your property. Control can be remotely from your Smartphone, Tablet or PC or locally from the thermostat. The heating system can be extended at any time by adding additional packs to give you a complete, independently controlled zone system.

2. **Heating Starter Pack - SH-HEAT**
   Includes: 1x UG600 Universal Gateway, 1x RX10RF Boiler Receiver, 1x HTRS-RF(30) Thermostat and 1x TRV10RFM Smart Radiator Control
   Use this pack if you want to test what it is like to control the temperature in one room of your property independently to the rest of the property. Once you see the benefits of individual room temperature control you can add additional zoning packs to give you a complete individual room controlled system. All rooms can be controlled remotely from your Smartphone, Tablet or PC or locally from the thermostat.

3. **Electric Starter Pack - SH-ELEC**
   Includes: 1x UG600 Universal Gateway, 1x ECM600 Electric Monitor and 1x SP600 Smart Plug
   Use this pack if you want to monitor electrical usage and control 1 electrical device or appliance in your property. Through the Smart Home App you can see daily, weekly and monthly electric consumption and with the Smart Plug you can schedule on/off times or control that device remotely from your Smartphone, Tablet or PC from anywhere. The system can be extended at any time by adding additional products from the SALUS Smart Home range.

4. **Zoning Pack - SH-TRV**
   Includes: 1x HTRS-RF(30) Thermostat and 1x TRV10RFM Smart Radiator Control (Must be used with SALUS Universal Gateway UG600)
   Use this pack if you want to extend any of the packs 1, 2 or 3 to either single or multi zone heating. Each additional zone can be controlled remotely from your Smartphone, Tablet or PC or locally from the thermostat.

All of our starter packs can be **extended** with other products from the **Smart Home** range:

- **SD600** Smoke Detector
  Add these to your Smart Home system and prevent the unthinkable happening. You will receive alerts when smoke is detected.

- **SW600** Slim Window/Door Sensor
  Add these to your Smart Home system and you can monitor and receive alerts when doors or windows are opened or closed. Use this version if you are limited to space on the door or window frame.

- **SB600** Smart Button
  Add this to your Smart Home system and you can set up rules that are triggered by the button. For example - turn all downstairs lights on/off or turn heating on for 1 hour boost.

- **WLS600** Water Leak Sensor
  Add this to your Smart Home system for peace of mind. You will receive alerts when water is detected by the sensors.

- **SP600** Smart Plug
  Add these to your Smart Home system and you can control individual electrical appliance from anywhere via your Smartphone, Tablet or PC. For example - Start the washing machine when you set off from work so that it is ready for drying when you arrive home.
MD22A / MD22AWO MAG Defender

Now With 5 Year Warranty

Central heating systems should be cleaned when commissioned or when a new boiler is installed within an existing system. Cleaning and flushing protects against mineral oil contamination and removes harmful flux residues and installation debris, which can cause corrosion. The removal of black sludge (iron oxide) and limescale improves circulation and reduces fuel wastage and boiler noise.

SALUS Mag Defender, is an ultra-high efficiency, full-flow magnetic filter that cleans and protects hydronic heating systems by removing the black sludge and particles. Additional protection can be afforded with the use of SALUS’ range of inhibiting, sludge removing and cleaning liquids.

FEATURES
- Simple installation & servicing
- Immediate results & system protection
- No running costs
- Energy saving
- 500ml capacity nylon enclosure
- Compression nylon cap with EPDM “O” ring for a perfect seal
- 20mm diameter removable neodymium magnet
- Top mounted air vent
- Vertical, base mounted ½” drain valve
- 22mm isolation valves supplied
- Easy removal of magnet
- 5 year warranty

MD22A / MD22AWO MAG Defender
Now With 5 Year Warranty
Save Time and Cost of Running Wires!

Do you need to control an electrical appliance but don’t want to or can’t run a wire? Then we have the perfect solution for you.

The RF Main Switch from SALUS!

You simply connect the transmitter to your thermostat and the receiver to your electric towel heater or pump and you will have control via a wireless RF signal.

• Can be used for any heating or electrical requirement up to 1000W.
• Can be used for any domestic environment where you don’t want to run wires.
• Easy installation.

In the example above we show a thermostat connected to the SALUS Main Switch transmitter. When the thermostat calls for heat it sends an RF signal to the receiver which then turns on either the Electric Underfloor heating or the Electric pump depending on the system.
Energy Saving A Rated Circulating Pump
Models: MP100A & MP200A

SALUS MPA series circulation motor pump is mainly used in domestic heating and hot water systems.

This pump is equipped with permanent magnet motor and differential pressure controller, capable of automatically & continuously adjusting motor performance to meet the actual needs of the system.

This pump is equipped with a control panel on the front for easy operation by users.

FEATURES
• Meets EuP legislative demands
• Energy efficient pump for significant energy savings
• Variable and fixed speed operation - one pump for all jobs
• Plug and Pump - no need to open terminal box
• Comes pre-wired
• 5 year warranty

Voltage: 230V 50Hz
Protection Grade: IP42
MP100A: 5M Head Max
MP200A: 6M Head Max

Wiring - MP100A & MP200A
L Live Connection
N Neutral Connection
E Earth Connection

SALUS Controls Product Catalogue
Accessories
PMV22/28
2 Port Motorised Valve available in 22 & 28mm
Premium Motorised Valve used for domestic central heating and hot water systems.

FEATURES
• Industry colour coded wiring with 1m cable
• Detachable head
• Suitable for all heating systems

Wiring
Brown Switched Live
Blue Neutral
Yellow/Green Earth
Grey Permanent live
Orange Switched output

Supply: 230V AC 50Hz
Rating Max: 6 (2) A
Output: 230V AC 50Hz
Size (mm): W-88 H-110 D-65

PMV32/38
3 Port Motorised Valve available in 22 & 28mm
Premium Motorised Valve used for domestic central heating and hot water systems.

FEATURES
• Industry colour coded wiring with 1m cable
• Detachable head
• Suitable for all heating systems

Wiring
Blue Neutral
Yellow/Green Earth
White Heating ON
Grey Hot Water OFF
Orange Switched output

Supply: 230V AC 50Hz
Rating Max: 6 (2) A
Output: 230V AC 50Hz
Size (mm): W-88 H-122 D-65

CT100
Pipe/Cylinder Thermostat
Surface mounted mechanical thermostat for control of a domestic hot water cylinder.

FEATURES
• Compatible with foam lagged cylinders
• Can be used as pipe thermostat

Supply: 230V AC 50Hz
Rating Max: 16 (4) A SPDT
Output: 230V AC 50Hz
Scale: 40 to 80°C
Size (mm): W-88 H-122 D-65

TC100
Wiring Centre
Can be used in all heating applications with links for S & Y plan systems.

FEATURES
• Easy to use
• Simplifies wiring
• Large terminals
• Manufactured in flame-retardant plastic
• Suitable for all heating systems

Max Supply: 230V AC
Terminals: 16 Terminals
Size (mm): W-230 H-127 D-42
**BPV100**  
Automatic Bypass Valve  
Automatic bypass valve for domestic heating system.

**FEATURES**  
- Improves efficiency  
- Cuts out system noises  
- Maintains flow rates  
- Perfect for low water content systems  
- Available in 22mm only

<table>
<thead>
<tr>
<th>Model No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRV31LS10</td>
<td>5mm angled TRV, lock shields and reducers</td>
</tr>
<tr>
<td>TRV310A</td>
<td>15mm angled TRV with reducer</td>
</tr>
<tr>
<td>TRV31LS5</td>
<td>TRV Pack with 15mm angled TRV, lockshield &amp; reducers</td>
</tr>
<tr>
<td>TRLS10</td>
<td>15mm lock shield with drain off</td>
</tr>
</tbody>
</table>

Size (mm): W-105 H-50 D-22

**Accessories**

SALUS Controls Product Catalogue
Control Packs
We can also supply a range of others to suit your needs

We have available various heating control packs for a variety of applications.

CP122 Unvented Heating Control Pack
EP210, PMV22, RT200, TC100

CP222 S Plan Control Pack
CT100, EP210, TC100, RT200, PMV22

CP228 S Plan Control Pack
PMV28, EP210, RT200, CT100, TC100

CP322 Y Plan Control Pack
CT100, EP210, PMV32, TC100, RT200

CP328 Y Plan Control Pack
CT100, EP210, TC100, RT200, PMV38
Quick Find

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTS20</td>
<td>04, 05, 10</td>
</tr>
<tr>
<td>RTS20RF</td>
<td>04, 05, 12</td>
</tr>
<tr>
<td>RTS10RF+</td>
<td>06, 07, 12</td>
</tr>
<tr>
<td>RT100</td>
<td>10</td>
</tr>
<tr>
<td>RT200</td>
<td>10</td>
</tr>
<tr>
<td>RT310</td>
<td>10</td>
</tr>
<tr>
<td>RT510+</td>
<td>10</td>
</tr>
<tr>
<td>FT100</td>
<td>11</td>
</tr>
<tr>
<td>EP110</td>
<td>11</td>
</tr>
<tr>
<td>EP210</td>
<td>11</td>
</tr>
<tr>
<td>EP310</td>
<td>11</td>
</tr>
<tr>
<td>ERT20RF</td>
<td>12</td>
</tr>
<tr>
<td>RT310RF</td>
<td>12</td>
</tr>
<tr>
<td>RT510BC+</td>
<td>13</td>
</tr>
<tr>
<td>RT510LG+SV+</td>
<td>13</td>
</tr>
<tr>
<td>RT510WBC+</td>
<td>13</td>
</tr>
<tr>
<td>ST620WBC</td>
<td>13</td>
</tr>
<tr>
<td>RT510TX+</td>
<td>16</td>
</tr>
<tr>
<td>IT500BM</td>
<td>16</td>
</tr>
<tr>
<td>SR868</td>
<td>16</td>
</tr>
<tr>
<td>RXRT510</td>
<td>16</td>
</tr>
<tr>
<td>RXBC605</td>
<td>17, 21</td>
</tr>
<tr>
<td>RXBC5V</td>
<td>17, 21</td>
</tr>
<tr>
<td>LG+SV</td>
<td>17, 21</td>
</tr>
<tr>
<td>RXV8C605</td>
<td>17, 21</td>
</tr>
<tr>
<td>RXWBC605</td>
<td>17, 21</td>
</tr>
<tr>
<td>iT500</td>
<td>20</td>
</tr>
<tr>
<td>IT310</td>
<td>20</td>
</tr>
<tr>
<td>UG600</td>
<td>24</td>
</tr>
<tr>
<td>HTR-RF(20)</td>
<td>24</td>
</tr>
<tr>
<td>HTRS-RF(30)</td>
<td>24</td>
</tr>
<tr>
<td>HTRP-RF(50)</td>
<td>24</td>
</tr>
<tr>
<td>TS600</td>
<td>24</td>
</tr>
<tr>
<td>FC600</td>
<td>25</td>
</tr>
<tr>
<td>TRV10RFM</td>
<td>25</td>
</tr>
<tr>
<td>RX10RF</td>
<td>25</td>
</tr>
<tr>
<td>SD600</td>
<td>25</td>
</tr>
<tr>
<td>WS600</td>
<td>25</td>
</tr>
<tr>
<td>OS600</td>
<td>26</td>
</tr>
<tr>
<td>SW600</td>
<td>26</td>
</tr>
<tr>
<td>SP600</td>
<td>26</td>
</tr>
<tr>
<td>SB600</td>
<td>26</td>
</tr>
<tr>
<td>CS8600</td>
<td>26</td>
</tr>
<tr>
<td>RS600</td>
<td>27</td>
</tr>
<tr>
<td>SP600</td>
<td>27</td>
</tr>
<tr>
<td>RE600</td>
<td>27</td>
</tr>
<tr>
<td>ECM600</td>
<td>27</td>
</tr>
<tr>
<td>MD22A / AWO</td>
<td>29</td>
</tr>
<tr>
<td>Main Switch</td>
<td>30</td>
</tr>
<tr>
<td>MP100A</td>
<td>31</td>
</tr>
<tr>
<td>MP200A</td>
<td>31</td>
</tr>
<tr>
<td>PMV22/28</td>
<td>32</td>
</tr>
<tr>
<td>PMV32/38</td>
<td>32</td>
</tr>
<tr>
<td>CT100</td>
<td>32</td>
</tr>
<tr>
<td>TC100</td>
<td>32</td>
</tr>
<tr>
<td>BPV100</td>
<td>33</td>
</tr>
<tr>
<td>TRV31LS10</td>
<td>33</td>
</tr>
<tr>
<td>TRV310A</td>
<td>33</td>
</tr>
<tr>
<td>TRV31LS5</td>
<td>33</td>
</tr>
<tr>
<td>TRLS10</td>
<td>33</td>
</tr>
<tr>
<td>CP122</td>
<td>34</td>
</tr>
<tr>
<td>CP222</td>
<td>34</td>
</tr>
<tr>
<td>CP228</td>
<td>34</td>
</tr>
<tr>
<td>CP322</td>
<td>34</td>
</tr>
<tr>
<td>CP328</td>
<td>34</td>
</tr>
</tbody>
</table>
Maintaining a policy of continued product development SALUS Controls PLC reserve the right to change specification, design and materials of products listed in this brochure without prior notice.

Issue Date: August 2019
06/08/19 004