

# Introducing the NEW RT520 / RT520RF Thermostats

**Boiler  
PLUS**

COMPLIANT



The latest additions to SALUS' tried and tested RT range of thermostat heating controls. With Load Compensation and large intuitive LCD display, they offer the most cost effective **fully compliant Boiler Plus solution** on the market.

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**SALUS**  
CONTROLS

# A stat for any application

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.



## What is it?

The RT520 and RT520RF are wired and RF LCD Digital Display Room Thermostats. They are simple battery-operated digital display room thermostats with a large easy-to-read LCD for use in the general mass market heating segment.

## What are the advantages?

The recent implementation of the so-called 'Boiler Plus' regulations in the UK has mandated that heating systems must include one of four specified energy saving features in order to be compliant with updated building regulations. SALUS already offer a range of compliant Smart connected thermostats with Optimisation and Automation features.

To meet the demand for non-connected Boiler Plus compliant thermostats we have introduced the RT520 as a solution including an energy saving load compensation feature.

OpenTherm Load Compensation additionally offers improved boiler control and efficiency by only using the necessary amount of gas to heat the water to the required temperature. In addition to the features found on the standard SALUS RT Line the RT520 has a range of additional advanced control and energy saving functions as well some added traditional features favoured by the Landlord and Social Housing segments such as a Service Mode and PIN control.

## Who is it for?

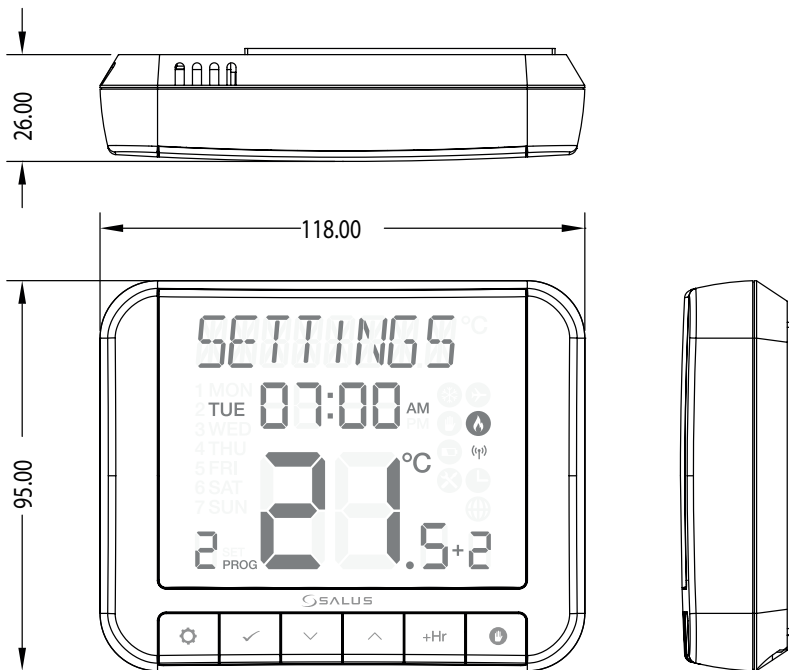
- General heating users who want a cost-effective boiler plus compliant thermostat.
- General heating users who want a cost-effective boiler plus compliant thermostat but prefer a quick and simple wireless installation without the need for additional wiring.
- General heating users who want a boiler plus compliant thermostat but do not want a connected solution or do not have internet at home.
- General heating users who want a thermostat that allows them to get the maximum efficiency from their boiler, by using less gas by modulating the water temperature according to requirements.
- Landlords and Rental property managers who prefer to maintain control over advanced heating settings and parameters via a restricted PIN access menu.

## Features and Customer Benefits

Features	Benefits
<p><b>Load Compensation</b></p>	<p>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.</p> <p>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.</p>
<p><b>OpenTherm</b></p>	<p>OpenTherm provides more precise control on the boiler through the control of the gas valve.</p>
<p><b>New Larger, Clear, Easy to read LCD</b></p>	<p>Simple, quick and straightforward operation and setup for all users.</p>
<p><b>TPI (Time Proportional &amp; Integral) 'self-learning' Functionality</b></p>	<p>More precise heating control with increased comfort and improved energy efficiency.</p>
<p><b>ErP Rating V</b></p>	<p>Improved ErP rating means better efficiency rating of the whole system and total cost reductions.</p> <p>ErP IV is a benchmark minimum for some EU markets.</p>
<p><b>Service Mode</b></p>	<p>Thermostat can be programmed to ensure home occupier is aware a boiler service is required and landlord can access to action.</p>
<p><b>Optimisation Functions</b></p>	<p>Optimum Start and Optimum Stop</p>
<p><b>Landlord PIN</b></p>	<p>PIN entry option for landlord/building owner only access to certain settings and menus.</p>
<p><b>Battery operated</b></p>	<p>Simple and quick to install with no 230v wires.</p>
<p><b>868Mhz Wireless (RT520 RF)</b></p>	<p>Wireless free installation, excellent range and pre-paired out of the box.</p>
<p><b>5 year warranty</b></p>	<p>For maximum peace of mind.</p>

## Basic Specification

Power supply	2 x AA Batteries
Scale	5°C ~ 33.5°C
Dimensions	95mm x 118mm x 26mm (HxWxD)
RF Frequency (RT520RF)	868Mhz (up to 30m range)
Additional Features	<ul style="list-style-type: none"> <li>• Volt free contacts</li> <li>• Multi generation coding</li> <li>• Compatible with existing range of SALUS receivers</li> </ul>



# A Stat to Suit the Installer



The RT520 and RT520RF are perfect for the installer. Easy to install and simple to set up.

With new on-board Load Compensation, 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.

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

**We're so confident, that we will pay any fines!\***

\*Terms and Conditions apply  
Please see website for details - [www.salus-controls.com/uk](http://www.salus-controls.com/uk)







# Ticking all the boxes!

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





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