



Digital programmable wireless 4 in 1 thermostat

Models: VS10WRF, VS10BRF,
VS20WRF, VS20BRF



MULTI-LANGUAGE
MANUAL



Quick Guide

Introduction

VS10..RF / VS20..RF is a room temperature Thermostat that is used for wireless control of iT600 series devices such as: KL08RF wiring centre, TRV radiator valve and RX10RF boiler receiver. In combination with Universal Gateway UGE600 this Thermostat can be controlled over the Internet using the SALUS Premium Lite app (Online mode). Without Internet connection (Offline mode) thermostat works locally, but its communication with other devices must be done through the coordinating unit - CO10RF. Full version of the PDF manual instruction is available on the website www.saluscontrols.com

Product compliance

EU Directives: GPSSR 2023/988/EU, RED 2025/138/EU, RoHS 2015/863/EU, and 2017/2102/EU, REACH SVHC 251. Full details are available on the website www.saluslegal.com

Safety Information

Use in accordance to national and EU regulations. Use the device as intended, keeping it in dry condition. Product for indoor use only. Installation must be carried out by a qualified person in accordance to national and EU regulations.

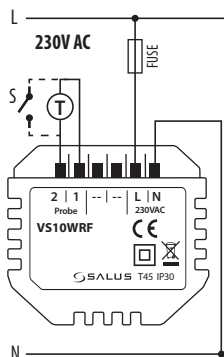
Wiring diagram - VS10WRF (white), VS10BRF (black)



Power Supply: 230V AC (L, N terminals)

- 1, 2 Terminals:**
- external air or floor temperature sensor
 - external contact (occupancy sensor)
 - external hot water thermostat (only with KL10RF configuration)

Montage: 60mm concealed box



Wiring diagram - VS20WRF (white), VS20BRF (black)

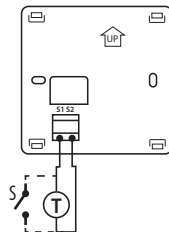


Power Supply: 4xAAA (alkaline batteries)

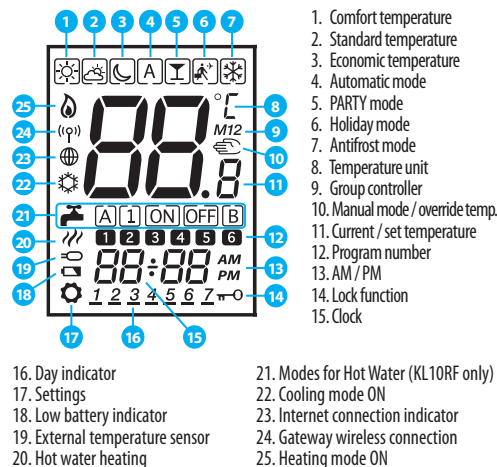
S1, S2 Terminals:

- external air or floor temperature sensor
- external contact (occupancy sensor)
- external hot water thermostat (only with KL10RF configuration)

Montage: surface mounting (need to remove back cover)



LCD Icon description



Button Functions

Button	Function
↗	Increasing/decreasing temperature or other value
↘	Increasing/decreasing temperature or other value
↶	Selecting the operating mode or switching between values
↷	Selecting the operating mode or switching between values
✓	Short press - approve selection Hold - enter / exit to or from the menu
⏏	Hold down these buttons to lock or unlock the keyboard
⏏+⏏	Hold down these buttons to enter installer mode

Select the type of ZigBee coordinator:

Choose a ZigBee coordinator and prepare it to work with iT600 series devices:

- Online - connected to the Internet via the UGE600/UG800 gateway **or**
- Offline - the ability to connect to the Internet using the UGE600/UG800 gateway **or**
- Offline - without Internet connection with CO10RF coordinator

Firstly with the selected coordinator need to install devices, which will be controlled by thermostat. Pairing method of each device is described in the manual instruction of a particular device.



KL08RF

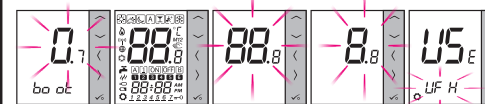


Thermostatic radiator valve (TRV)



RX10RF

Installation - first start up



*Numbers 88.8 and 8.8 relate to the software version

Thermostat starts up in a simplified configuration mode. You can choose to pair with:

LUF H - KL08RF or KL10RF wiring centre (underfloor heating)

r R d - Thermostatic radiator valve (radiator heating)

Note: Thermostat is set by default as programmable (weekly).

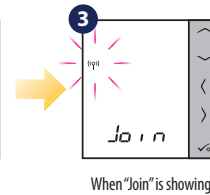
Installation - pairing with KL08RF / KL10RF wiring centre

1



Install the wiring centre according to the instructions attached to the product.

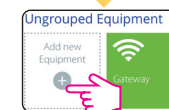
2



When "Join" is showing just wait until "Pair" will show.

4

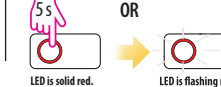
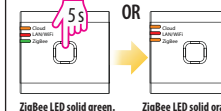
Online



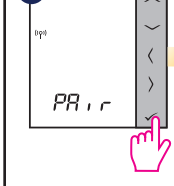
Scan for equipment

Offline

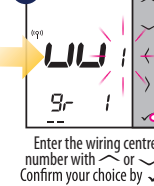
WARNING!
Do not use CO10RF coordinator with UGE600 simultaneously.



5



6



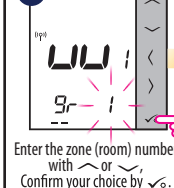
Enter the wiring centre number with ↗ or ↘. Confirm your choice by ✓.

7



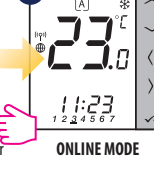
NOTE: The wiring centre number can be found out by pressing the pair button for 1 sec. The number will be shown by the corresponding LED.

8



Enter the zone (room) number with ↗ or ↘. Confirm your choice by ✓.

9



ONLINE MODE

10



OFFLINE MODE

Online

Connect equipment

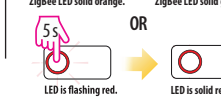
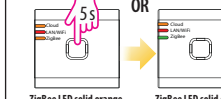
Name this equipment
Living room

Finish



Offline

Close the ZigBee network



Pairing thermostat with TRV in Online mode

WARNING! You can connect up to 6 heads to one thermostat.

1. Install the TRV on the valve according to the instructions attached to the product.
2. Select the device type - TRV.
3. When "Join" is showing just wait until "Pair" will show.
4. Open the ZigBee network.
5. LED is solid red.
6. LED is flashing red.
7. LED is solid green.
8. LED is flashing red.
9. LED is solid red.
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11. LED is solid green.
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16. LED is flashing red.
17. LED is solid green.
18. LED is flashing red.
19. LED is solid red.

Pairing thermostat with TRV in Offline mode

WARNING! You can connect up to 6 heads to one thermostat.

1. Install the TRV on the valve according to the instructions attached to the product.
2. Hold the button for 10 seconds, The LED on the head should start to blink red.
3. Select the device type - TRV.
4. When "Join" is showing just wait until "Pair" will show.
5. Open the ZigBee network.
6. LED is solid red.
7. LED is flashing red.
8. LED is solid green.
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97. LED is flashing red.
98. LED is solid red.
99. LED is flashing red.
100. LED is solid green.

Pairing thermostat with RX10RF boiler receiver

1. Install the RX10RF boiler receiver according to the instructions attached to the product. Choose proper mode configuration with RX1/RX2 switch inside of RX10RF, then prepare regulator for pairing.

WARNING! In network coordinator can work only with 1 receiver in RX1 mode and 1 receiver in RX2 mode.

2. Run thermostat in **extended configuration mode** and select the device type*:
*check full manual for extended configuration
3. Online
4. Offline
5. Online
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99. Online
100. Offline

Identification of paired devices

Enter the installer mode, select code "00" and confirm it with ✓ button.

1. LED diodes on the devices connected to the thermostat will start to blink.
2. LED is solid red.
3. LED is flashing red.
4. LED is solid green.
5. LED is flashing red.
6. LED is solid red.
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98. LED is solid red.
99. LED is flashing red.
100. LED is solid green.

Temperature change

To set the temperature, press < or > and then confirm it with ✓ button.

1. LED is solid red.
2. LED is flashing red.
3. LED is solid green.
4. LED is flashing red.
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99. LED is solid green.
100. LED is flashing red.

Factory Reset

If you have made an error, need to change your thermostat parameters or want to return to the factory settings, please follow steps below.

1. LED is solid red.
2. LED is flashing red.
3. LED is solid green.
4. LED is flashing red.
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99. LED is solid green.
100. LED is flashing red.

Manufacturer:
SALUS Controls plc
Units 8-10,
Northfield Business Park,
Forge Way, Parkgate
Rotherham, S60 1SD, UK

Importer:
Salus Controls
European Distribution sp. z o.o.
ul. Szamocka 8, piętro 6.
01 748 Warszawa
Poland

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DK: Support@salus-controls.dk

