SALUS® CONTROLS

4 in 1 Digital Thermostat RF

Models: VS20WRF and VS20BRF
VS10WRF and VS10BRF

INSTALLER / USER MANUAL

Product Compliance
This product complies with the essential requirements and other relevant provisions of Directives 2014/30/EU, 2014/53/EU (2014/35/EU for VS10WRF/VS10BRF) and 2011/65/EU. The full text of the EU Declaration of Conformity is available at the following internet address: www.saluslegal.com.

⚠️ **Safety Information**
Use in accordance with the regulations. Indoor use only. Keep your device completely dry. Disconnect your device before cleaning it with a dry cloth.

⚡ **Always isolate the AC Mains supply before installing or working on any components that require 230 VAC 50Hz supply.**

Introduction
Thank you for purchasing the 4 in 1 room thermostat. It must be used with the Universal Gateway UGE600 (purchased separately) when having an Internet connection or with the KL08RF for the underfloor system without Internet connection. The Universal Gateway allows communication with other devices in the SALUS Smart Home system. Other Zigbee devices include wiring centre, system receiver & TRV. You can use your system with the SALUS Smart Home App. Available on Google Play and App Store.

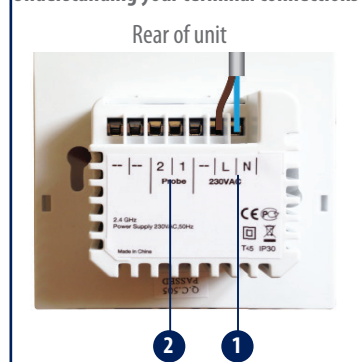UG600/UGE600   TRV10RFM   CO10RF   VS20RF/VS10RF   RX10RF (optional boiler switch)

KL08RF

Installation – VS20WRF
Mount the back case of the thermostat on the wall. After that please insert the batteries and add the front case. Make sure to use 4AAA Alkaline batteries.

Installation – Terminal Connections VS10WRF

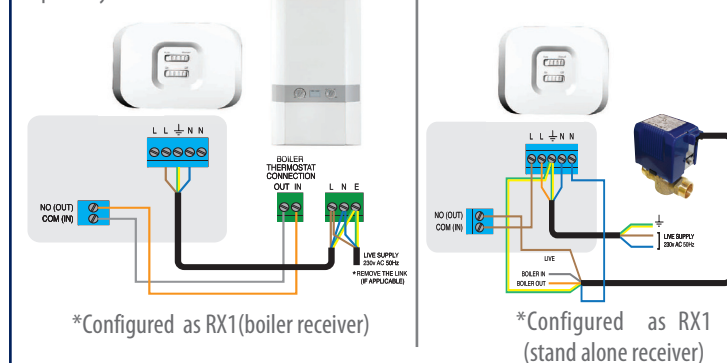**Understanding your terminal connections**   **1**

Rear of unit

2   **1**

1 **Power Terminals 230 VAC**
Used for supplying power to the unit. 230V supply can be sourced from the wiring centre or any convenient source.

2 **Sensor Terminals**
Can be used for external AIR, Floor sensor when configured as thermostat. Can also be used for Cylinder thermostat when configured for HW.
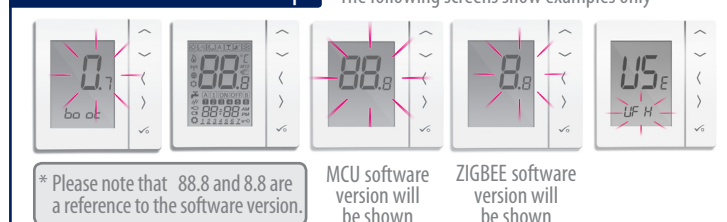
Installation – Receiver RX10RF (optional)

Note: Please install the RX10RF Receiver for your radiator system. This will ensure the communication between the thermostat and the boiler, giving you the possibility to switch the boiler on and off. The RX10RF receiver is optional and needs to be purchased separately.

*Configured as RX1(boiler receiver)   *Configured as RX1 (stand alone receiver)

Installation – First Power Up   The following screens show examples only

* Please note that 88.8 and 8.8 are a reference to the software version.   MCU software version will be shown   ZIGBEE software version will be shown

Please make sure that your Universal Gateway is installed. You can use it with both internet and non internet connection. The LED will be blue when connected to the internet and red when it's not connected.

With Internet

Without Internet

If you are installing an underfloor system without an Internet connection, you can use the coordinator from the KL08RF instead of the Universal Gateway.

Installation – Power Up your devices

Please follow the installation procedure for all equipment. After installation, your devices should look like this:

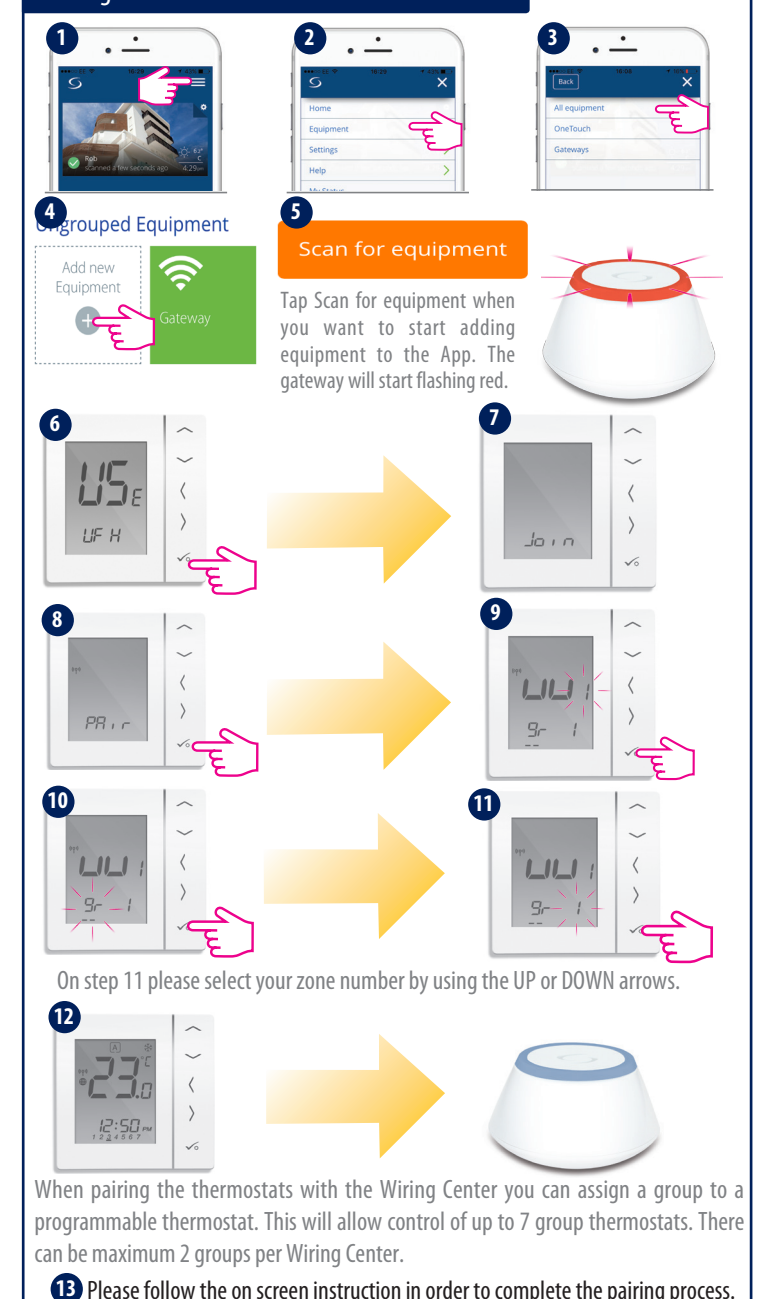---

Pairing for radiator system with Internet connection

1   **2**   Home / Equipment / Settings / Help   **3**   Back / All equipment / OneTouch / Gateways

4 Ungrouped Equipment
Add new Equipment   + Gateway

5 Scan for equipment
Tap Scan for equipment when you want to start adding equipment to the App. The gateway will start flashing red.

6 USE / UF H   **7** USE / r Ad

8 USE / r Ad   **9** Join

Wait until the LED is solid red. Press the Open/Close button once. When the initialization process is complete, the LED will go off.

Press and hold the 📶 for 10 seconds until the TRV starts flashing red.

10 sec

10 PAir   **11** Otru

12 Otru   **13** 23.0 / 12:50 AM

14 23.0 / 12:50 AM

15 Please follow the on screen instruction in order to complete the pairing process.

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16 Associate the TRV(s) to the thermostat(s) (mandatory)

1. During the first time installation, by easily following the App instructions

Back / Let's set up your equipment
Click the piece of equipment you'd like to begin with.
Make sure that you associated the TRV(s) to the thermostats. Click on the thermostat(s) below to complete the association.

2 Pin
Would you like to pin this piece of equipment to your dashboard?
A pin sticks your most important items to the dashboard for fast, easy access.
◉ Pin
○ Don't pin

3 TRVs association with the thermostat

Follow the steps described on the App in order to complete the association process

2. If you need to associate a TRV with a thermostat after the initial installation

Back / Tstat
17° / 24.5
Thermostat Unlocked
0 TRVs on this thermostat
Information

Select TRV(s) for Tstat
☑ TRV
Save / Cancel
0 TRVs on this thermostat

Tap on the ✏ button and select the TRV(s) that you want to associate to this thermostat.

Note: The TRV LED will flash orange until the association process is complete. Once this action has finished the LED will go off.

Pairing for underfloor with Internet connection

1   **2** Home / Equipment / Settings / Help   **3** All equipment / OneTouch / Gateways

4 Ungrouped Equipment
Add new Equipment   + Gateway

5 Scan for equipment
Tap Scan for equipment when you want to start adding equipment to the App. The gateway will start flashing red.

6 USE / UF H   **7** Join

8 PAir   **9** UU1 / gr1

10 UU1 / gr1   **11** UU1 / gr1

On step 11 please select your zone number by using the UP or DOWN arrows.

12 23.0 / 12:50 AM

When pairing the thermostats with the Wiring Center you can assign a group to a programmable thermostat. This will allow control of up to 7 group thermostats. There can be maximum 2 groups per Wiring Center.

13 Please follow the on screen instruction in order to complete the pairing process.

Pairing for radiator system without Internet connection

5 sec

Wait until the LED is solid red. Press the Open/Close button once. When the initialization process is complete, the LED will go off.

Press and hold the ((•)) for 10 seconds until the TRV starts flashing red.

10 sec

1 USE UF H

2 USE r Ad

3 USE r Ad

4 Join

5 PR i r

6 Ot ru

7 Ot ru

8 It ru

9 21.0°C 8:00 AM 1234567

Once all TRV's have paired press ✔⚙

If you use the maximum number of TRVs it will automatically take you to the Mainscreen.

The prefix number on the TRV will change as the TRV(s) pair.

5 sec

Pairing for underfloor system without Internet connection

5 sec

OR

5 sec

1 USE UF H

2 Join

3 PR i r

4 UU i gr

5 UU i gr-1

6 UU i gr-1

On step 6 please select your zone number by using the UP or DOWN arrows.

7 23.0°C 12:50 PM 1234567

5 sec

OR

5 sec

When pairing the thermostats with the Wiring Center you can assign a group to a programmable thermostat. This will allow control of up to 7 group thermostats. There can be maximum 2 groups per Wiring Center.

Installation – System Parameters

If the pre-configured program is not suitable for your application, hold down the bottom three keys for a short time, until the display shows SEL PROG. Do these settings before adding the thermostat to the universal gateway.

USE UF H

Press all three buttons simultaneously
5 sec
5 sec
5 sec

SEL Pr o9

Selecting unit type

SEL Pr o9

Pr o9 Programmable Thermostat

d I 9t Digital Thermostat

uu tr Hot water timer

Use ⌄ or ⌄ to select the type of unit.
After selection has been made, press ✔ to confirm.

Setting the time (for systems without internet only)

21.0°C 03:d4 1234567

3 Sec

Pr o9

hr

hr 12-24

03:50

03:50

03:50

03:50

Set the program / schedule (for systems without internet only)

21.0°C 8:00 AM 1234567

3 sec

Pr o9

1 2 3 4 5 – 6 7   5/2

1 2 3 4 5 6 7   7 Days

1 2 3 4 5 6 7   Individual

Use right and left to select the day of the programs.

Use right and left to select the day of the programs.

Installation – Check the paired devices

If you want to see what devices are connected to your Universal Gateway you can know exactly by using the Identify procedure.

Bedroom 24°

Tap the tile from the Dashboard.

Bedroom 1 17° 23.5°

Bedroom 17° 23.5°

Tap the name of your device.

17° 29° Thermostat Unlocked

17° 29° Thermostat Unlocked

Tap the Identify button. Your device will start flashing

10 id

Tap the button again after identifying your device.

23.0°C 12:50 PM 1234567

17° 27° Thermostat Unlocked

Factory reset

If you have made an error or need to change your system parameters please follow steps below. This should only be done by your installer.

23.0°C 12:50 PM 1234567

Press all three buttons simultaneously
5 sec
5 sec
5 sec

00 PS uu

00 PS uu

47 PS uu

47 PS uu

dE L

dE L

AE s s

AE s s

0.7 bo dt

USE UF H

Now you are ready to set up your system as desired.