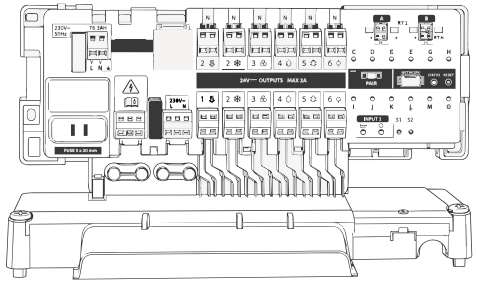
SALUS CONTROLS EN



CB12RF

RF MULTIZONE CONTROL BOX
(HEAT ONLY)

QUICK GUIDE

MULTILANGUAGE MANUAL

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Computime

ISO 9001 QUALITY MANAGEMENT — UKAS MANAGEMENT SYSTEMS 0015

www.saluscontrols.com

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10/2026

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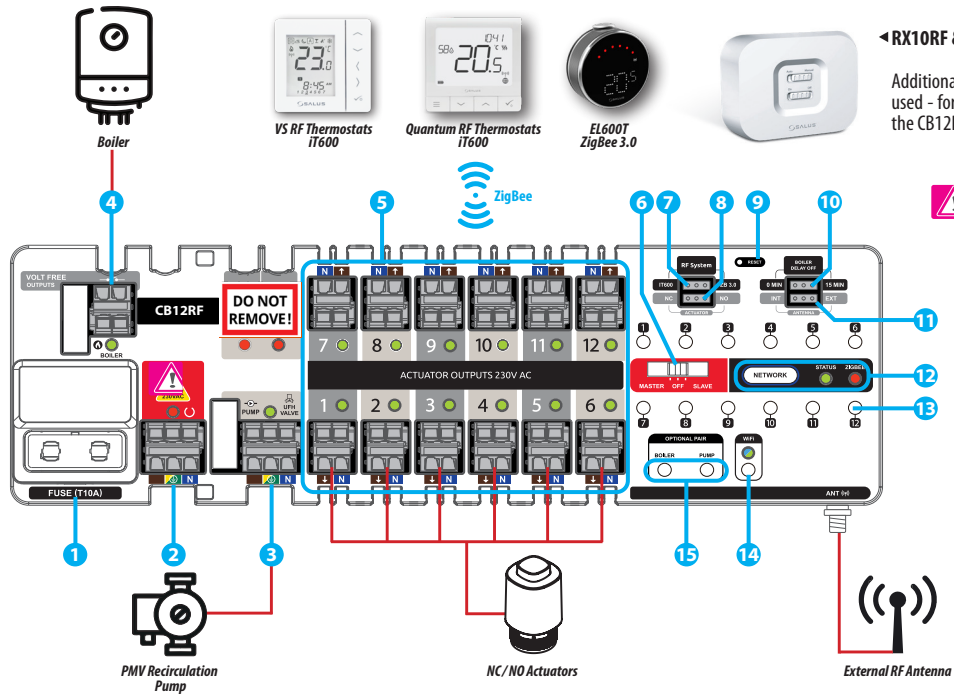


◂RX10RF & RX30RF Boiler Receiver (optional)

Additional, wireless device control module that can be used - for example- when we can't use cable between the CB12RF control box and the boiler.

WARNING:
The Heat/Cool changeover and Dew Point terminals must not be used.
CB12RF must be used for Heating controls only.

1. Fuse
2. Power Supply
3. Pump Output
4. Boiler Output
5. Wiring Centre Zones
6. MASTER - OFF - SLAVE Selection
7. IT600 - ZigBee 3.0 Selection
8. NC-NO Actuator Selection
9. Reset Button
10. 0 MIN - 15 MIN Boiler Delay Selection
11. INT - EXT Antenna Selection
12. Network Buttons and LEDs
13. Zone Buttons
14. WiFi Button and LED
15. Boiler and Pump Buttons

Introduction

The CB12RF is an advanced RF control box designed to address the key installation and functionality challenges. Featuring IT600 and ZigBee 3.0 device compatibility, it allows seamless integration with other smart home devices and systems.
Compact and streamlined, the CB12RF is ideal for manifold installations. It supports up to 2 actuators per zone, adapting flexibly to diverse heating requirements. Additional features include earth terminals for enhanced safety and multiple operating modes (Master, Slave, or Off) to ensure compatibility with both existing iT600 products and further ZigBee 3.0 systems.
With built-in WiFi for cloud connectivity and firmware updates, the CB12RF combines cutting-edge technology and user-friendly features, making it a powerful and efficient solution for modern heating control.

Product Compliance

This product complies with the essential requirements and other relevant provisions of Directives GPSR 2023/988/EU, RED 2025/138/EU, RoHS 2017/2102/EU and REACH 253 SVHC. The full text of the EU Declaration of Conformity is available at the following internet address:
www.saluslegal.com.
(((•))) 2405-2480MHz, <20dBm

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.

Control Box Description & Compatibility

This product is compatible with a wide range of devices, including thermostats, actuators, receivers, boilers, pumps, and additional CB12RF control boxes.

Box Content



CB12RF
(Control Box)



EU or **UK**
Power Cable



Installation Manual



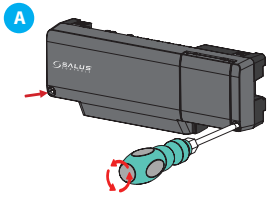
4 x Screws



4 x Wall Anchors

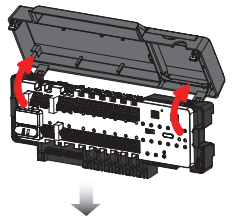
Wall Mounting

A



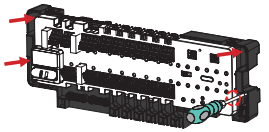
Unscrew the screws by turning them a quarter turn counterclockwise.

B



Remove the top cover of the wiring centre.
**Lift the cover as shown in the image.*

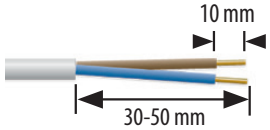
C



Use the provided screws and wall anchors in order to fix the control box on the wall.
**The unit can also be installed on a DIN rail.*

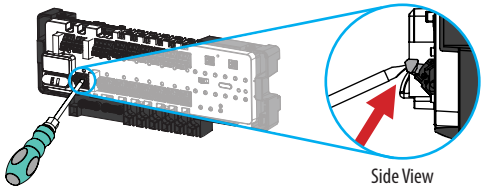
D

Prepare the necessary cables by stripping them at convenient length.



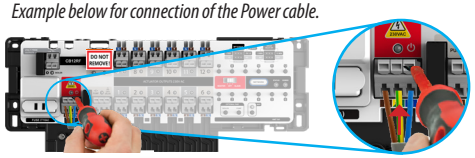
E

Press the push-in terminal to open the connection point, insert the cable into the designated slot, and then release it to secure the connection. Repeat this process for all required components, ensuring each cable is placed according to its designated position in the Control Box.

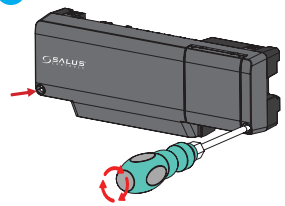


Side View

Example below for connection of the Power cable.



F



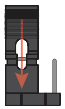
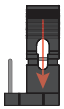
Mount back the front cover by screwing it a quarter turn clockwise.

Make sure that all wires are properly connected, then connect the power cord to the 230 V AC power supply.

Setup and Configuration

G

Set the jumpers 9, 10, 12 and 13 to the desired positions based on the required conditions.

Jumper		
IT600-ZigBee 3.0 9	**IT600** For thermostats: **VS** range, **Quantum** range, **HTR** range, **TS600**.	**ZigBee 3.0** For **Elypso** thermostats.
NC-NO Actuator 10	**NC** When using normally closed actuators	**NO** When using normally open actuators.
Boiler Delay OFF 12	**0 MIN** Boiler turn-off delay: 0 minutes	**15 MIN** Boiler turn-off delay: 15 minutes
INT-EXT Antenna 13	**INT** On board RF antenna	**EXT** External antenna

If using a mix of both ZigBee 3.0 and IT600 Thermostats on a Control Box, set the jumper 9 on **IT600** position.

H

Set the **MASTER-OFF-SLAVE** Slide switch 8 to **MASTER** or **SLAVE** based on your needs and follow the provided table.

	 **MASTER** selected	 **SLAVE** selected
OFFLINE mode	✓ (1st unit)	✓ (units: 2nd up to 9th)
ONLINE mode *With SALUS Premium Lite App*	✗	✓

MASTER: The control box acts as a coordinator, creating its own network for compatible devices to connect and communicate with (Offline mode).

SLAVE: The control box acts as an end device, requires joining a Master network that can be a gateway or another control box.

*When set to **SLAVE**, the control box can connect to another control box network or a compatible Gateway, operating in both Online and Offline modes.*

Configuration in Offline Mode

Attention: Ensure all previous steps have been followed correctly before proceeding.

1

Form the Network



The network will stay open for 10 minutes.

OR

Join a Network

Start by opening the network from the Gateway or Master Control Box.



UG800 Gateway **OR** UG600 Gateway **OR** MASTER CB12RF

Then hold the NETWORK button for 3 seconds on slave Control Box .



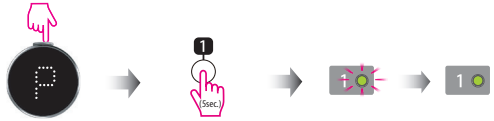
Once joined, the STATUS and ZIGBEE LEDs become solid ON.

2 **Thermostat Pairing**

Follow the instructions provided for each thermostat in order to join and enter pairing mode.

3 **Zone Selection**

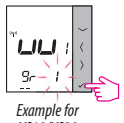
For Elypso (EL600F) Thermostat - follow the steps:



Set the thermostat to pairing mode. Hold for 5 seconds the zone button 15 for desired zone. Wait for zone pairing ✓

To select multiple zones, simply repeat the process for each desired zone button.

For iT600 - the selection can be done directly from the thermostat.



Example for VS10/VS20



Example for SQ610(RF)

***Note:** If needed, refer to the product's Quick Guide for further instructions on zone selection and thermostat operation.*

4 **Close the network**



Configuration in Online Mode

To operate in Online mode, a gateway connected to Internet is required.



Add Control Box to Smartphone App (Salus Premium Lite)

1



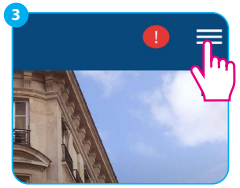
SCAN FOR APP INSTALLATION

2



CB12RF is ready to be added.

3



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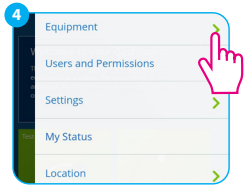

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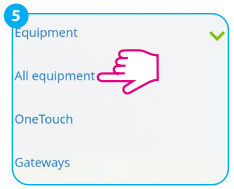

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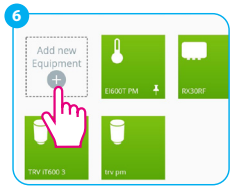

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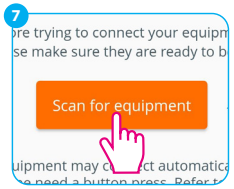

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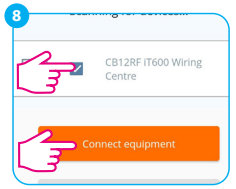

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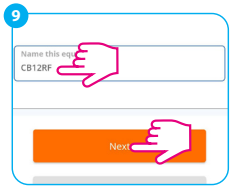

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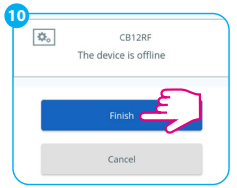


Thermostat pairing with specific zone

In Online mode, all compatible thermostats can be paired with the same control box.

1

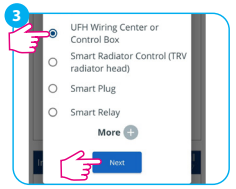


Select the thermostat.

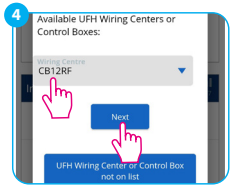
2



3

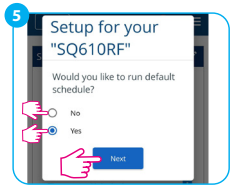


4



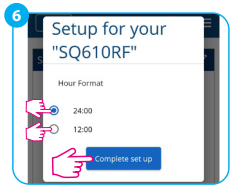
Select CB12RF.

5



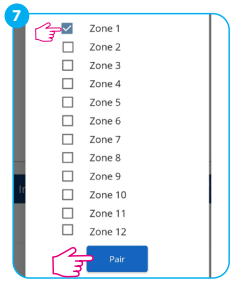
Select the desired option.

6



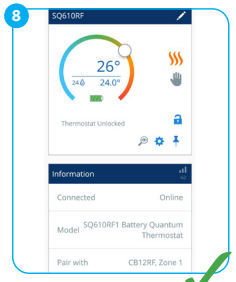
Select the desired option.

7



Pair with the desired zone(s).

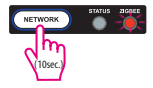
8



✓

Factory Reset

To perform a factory reset, hold the **NETWORK** button for 10 seconds.



The ZIGBEE LED indicates the reset status by flashing the red color.