



Quick guide

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Introduction

The 091FLv2 / 091FLRFv2 is a programmable, weekly controller that is used to control the temperature of heating or cooling systems. Please read these instructions carefully before operating the device for the first time. Use AA, 1.5V alkaline batteries in the controller. Insert the batteries into the battery compartment located under the flap. It is forbidden to use rechargeable batteries.

Certificate of conformity

SALUS Controls declares that this devices comply with the following directives:
091FLv2: GPSR 2023/988/UE, EMC 2014/30/UE, LVD 2014/35/UE, RoHS 2017/2102 & 2015/863/UE, REACH 253 SVHC.
091FLRFv2: GPSR 2023/988/UE, RoHS 2017/2102 & 2015/863/UE, RED 2025/138/UE, REACH 253 SVHC.
Ⓜ 868.0 MHz - 868.6 MHz; <13dBm
Full information available at www.saluslegal.com

Safety information

Use in accordance with national and EU regulations. Use the appliance only for its intended purpose, keeping it dry. The product is intended for indoor use only. Installation must be carried out by a qualified person in accordance with national and EU regulations.

Technical data

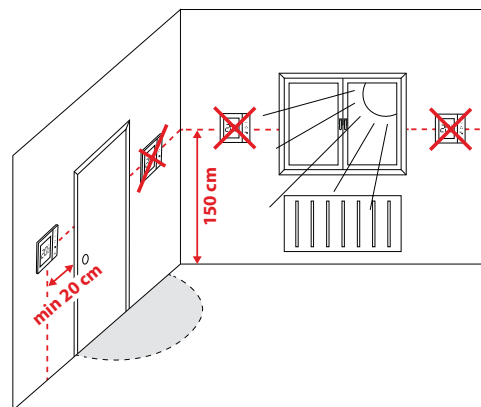
Wired thermostat 091FLv2

Power supply	2 x batterie AA
Max controller load	5 (3) A
Output signal	NO / COM voltage-free relay
Temperature control range	5 - 30°C

Wireless thermostat 091FLRFv2

Power supply	2 x AA batteries
Receiver power supply	230 V AC 50 Hz
Max load of the receiver	16 (5) A
Receiver output signal	NO / COM voltage-free relay
Temperature control range	5 - 30°C

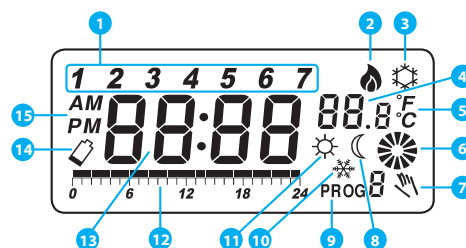
Correct placement of the thermostat



Button functions

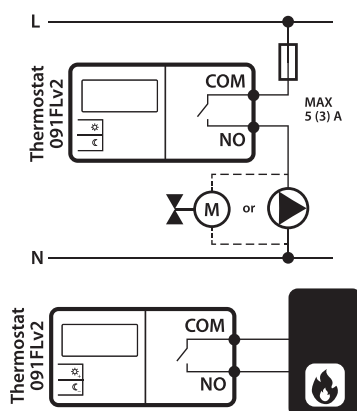
Button	Function
	Comfort temperature or parameter change up
	Economy temperature or parameter change down
D	Set the day of the week
H	Set the hour
M	Set the minute
Temp	Set the temperature
Prog	Weekly programming
Prog #	Programme selection
OK	Confirm setting
● Reset	Restore factory settings

Icons description



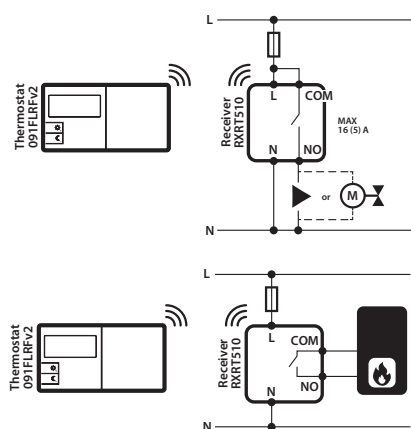
- Day of the week
- Heating mode ON/OFF
- Cooling mode ON/OFF
- Measured / setpoint temperature
- Temperature unit
- Operating status of the controlled device (e.g. boiler) 7.
- Temporary program override
- Economy mode
- Current programme number
- Anti-freeze mode
- Comfort mode
- Time line - programme
- Clock
- Battery exhaustion
- AM/PM

091FLv2 controller wiring diagram



091FLRFv2 controller wiring diagram

NOTE: In the 091FLRFv2 set, the controller is paired with the receiver at the factory!

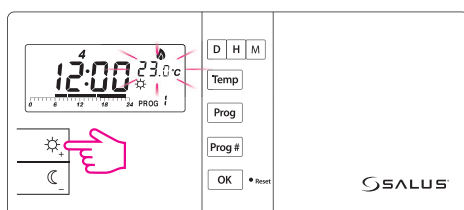


Setting the time

- Press **OK** to turn on the screen.
- Press **D** to set the day of the week.
- Press **H** to set the hour.
- Press **M** to set the minute.

Comfort temperature setting

- 1 Press **OK** to turn on the screen.
- 2 Press **Temp** and **Temp**.



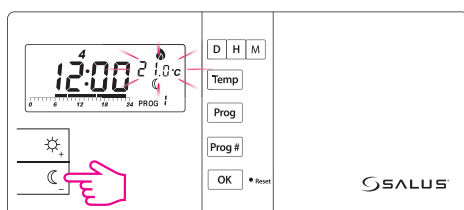
The display will show the currently set comfort temperature.

To change its value, press the **Temp** or **Temp**.

- 3 Confirm your selection with the **OK**.

Economy temperature setting

- 1 Press the **OK** button to turn on the screen.
- 2 Press **Temp** and **Temp**.

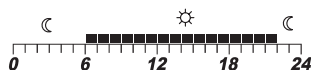


The display will show the currently set economy temperature.

To change its value, press the **Temp** and **Temp**.

- 3 Confirm your selection by pressing **OK**.

Programmes



☀ Comfort temperature ☀ Economy temperature

There are 9 programmes available. Programmes 0-5 are the factory programmes. Programmes 6-8 can be defined by the user.

Selection of factory programmes (0-5)

- 1 Press the **OK** button to turn on the screen.
- Then, select the day of the week using the **Prog** button.

- 2 Press the **Prog** button to set the programme number (0-5) for the selected day of the week.

0 6 12 18 24 **PROG 0**

Programme 0 is a special programme. The frost protection temperature (7°C) will be set throughout the day.

0 6 12 18 24 **PROG 1** 0 6 12 18 24 **PROG 4**

0 6 12 18 24 **PROG 2** 0 6 12 18 24 **PROG 5**

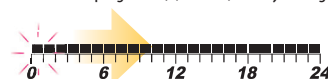
0 6 12 18 24 **PROG 3**

- 3 Confirm your selection by pressing **OK**.

NOTE: The programme description label is stuck on the reverse side of the cover.

User selection and definition of programmes (6-8)

- 1 Press the **OK** button to turn on the screen.
- Then select the day of the week using the **Prog** button.
- 2 Press **Prog** aby ustawić numer programu (6, 7 lub 8) dla wybranego dnia tygodnia.
- 3



Press **Temp** and **Temp** (Each press of one of the buttons moves the timeline by one hour and assigns a comfort or economy temperature).

- 4 Confirm your selection with the **OK**.

Service menu

Press **OK** to turn on the screen. Then enter the service menu by pressing the **OK** button for 5 seconds..

- 1 **Heating mode - relay closes contacts when heat demand is on.**
Cooling mode - relay short-circuits at cooling demand with
with a delay of 5 minutes. The selection is made using the buttons **Temp** i **Temp**.
- 2 To confirm your selection, press the **OK** button.

- 2 **dLY^{OFF} - Deactivated heating unit switch-on delay (factory setting).**
dLY^{ON} - Active heater switch-on delay (5 min.).

Make your selection using **Temp** and **Temp**. Confirm by pressing **OK**.

- 3 **SPAN^{1.0°C} - Temperature range selection: 0.5°C and 1.0°C**
(factory value=1.0°C).

The selection is made using the buttons **Temp** and **Temp**. To confirm your selection, press **OK**.

- 4 **OFF^{0.0°C} - Correction of the measured temperature**
(value range -3.0°C to +3.0°C, factory value = 0.0°C).

The selection is made using the buttons **Temp** and **Temp**.

To confirm your selection, press the **OK** button.

- 5 **out^{NO} - Output contacts - Normally open***
out^{NC} - Output contacts - Normally closed*

*function available as of software version 2.6

The selection is made using the buttons **Temp** and **Temp**.

To confirm your selection, press the **OK** button.

i The green LED in the receiver always indicates a short-circuit of the relay contacts.

- 6 **SYN^{ON} - Pairing function deactivated**
SYN^{OFF} - Pairing function active

NOTE: In the 091FLRFv2 set, the controller is paired with the receiver at the factory!

i If you wish to pair the thermostat with the receiver again, make sure that the device is disconnected from the power supply and that the switches on the receiver are set to AUTO and ON. Next, connect the receiver to the power supply and wait until the red LED lights up continuously. Then set the switch to the OFF position and with a quick movement turn it to the ON position. A red flashing LED confirms that you are in pairing mode.

Select **SYN^{ON}**, by pressing **Temp** or **Temp** and then confirm using the **OK** button to start the pairing process.

The display will show **SYN^{ON}**. The evaporation process can take up to 10 minutes. Once the devices have been successfully paired, the LED on the receiver will light up solid red.

Press the **OK** button to complete the pairing process.