

User Manuals Simplified.



SALUS 091FLv2 Digital Programmable Thermostat User Guide

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software v2.6
Quick Guide

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Introduction

091FLv2/091FLRFv2 is a programmable, weekly thermostat used to control room temperature in heating or cooling systems. Before use please read this manual carefully. Use only AA 1.5V alkaline batteries in the thermostat. Place the batteries into the battery slot located under the cover. Do not use rechargeable batteries.

Product compliance

This product complies with the following EU Directives:

091FLv2: 2014/30/EU, 2014/35/EU, 2011/65/EU

091FLRFv2: 2011/65/EU, 2014/53/EU ⁽¹⁰⁾ 868.0 MHz – 868.6 MHz; <13dBm

Full information is available on the website www.saluslegal.com



Safety Information

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



Technical specification

Wired thermostat 091FLv2

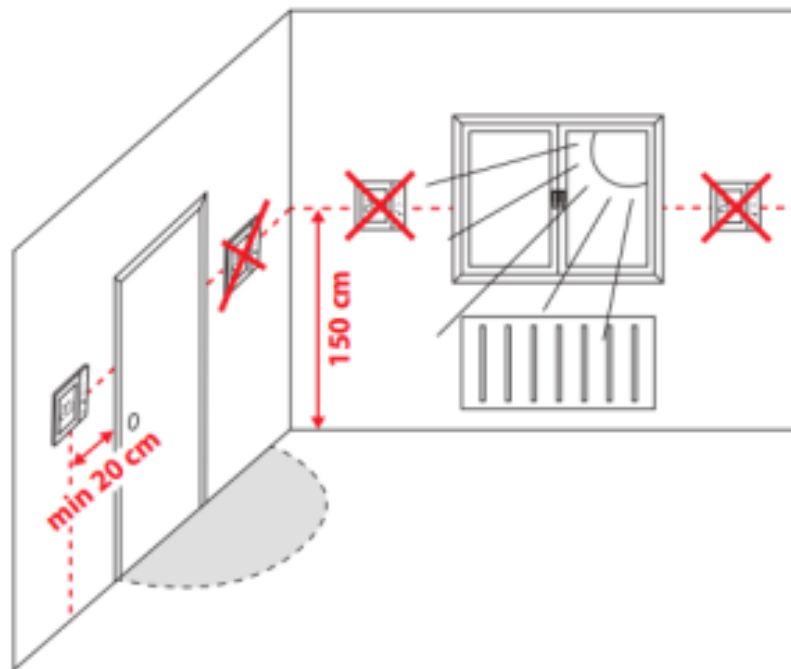
Power supply	2 x AA batteries
Rating max	5 (3) A
Outputs	Voltage-free NO/COM relay
Temperature range	5 – 30°C









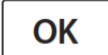

Wireless thermostat 091FLRFv2

Thermostat supply	2 x AA batteries
Receiver supply	230 V AC 50 Hz
Receiver rating max	16 (5) A
Receiver outputs	Voltage-free NO/COM relay
Temperature range	5 – 30°C

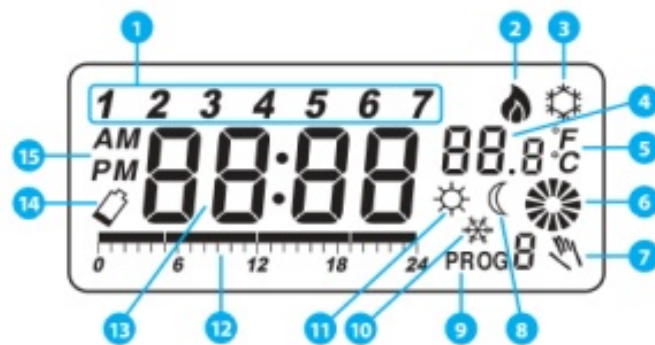


Proper thermostat placement



Button	Function
	Comfort temperature or changing parameters up
	Economic temperature or changing parameters down
	Set the day of the week
	Set the hour
	Set the minutes
	Temperature setpoint
	Weekly programming
	Program selection
	Confirm function
	Factory Reset

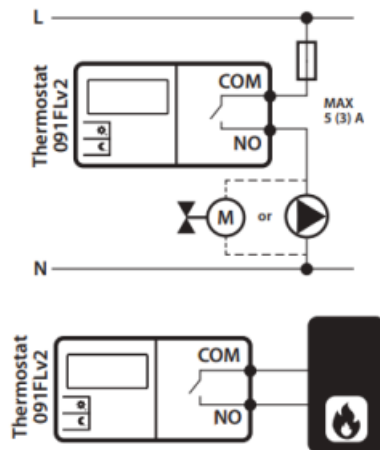
 LCD Icon description



1. Day of the week indicator
2. Heating Mode ON
3. Cooling Mode ON
4. Room/setpoint temperature
5. Temperature unit
6. Controlled device working status (e.g. boiler)
7. Temporary override
8. Eco Mode
9. Program number
10. Antifrost Mode
11. Comfort Mode
12. Program timeline indicator
13. Clock

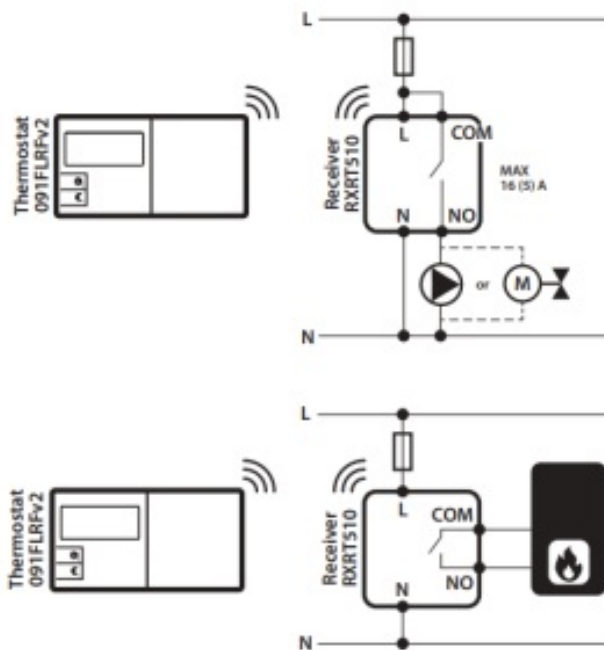
- 14. Low battery indicator
- 15. AM/PM



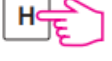

 **091FLv2 Wiring diagram**



 **091FLRFv2 Wiring diagram**

NOTE! If you are using a 091FLRFv2 pack, the pairing between the thermostat and the receiver is already done.

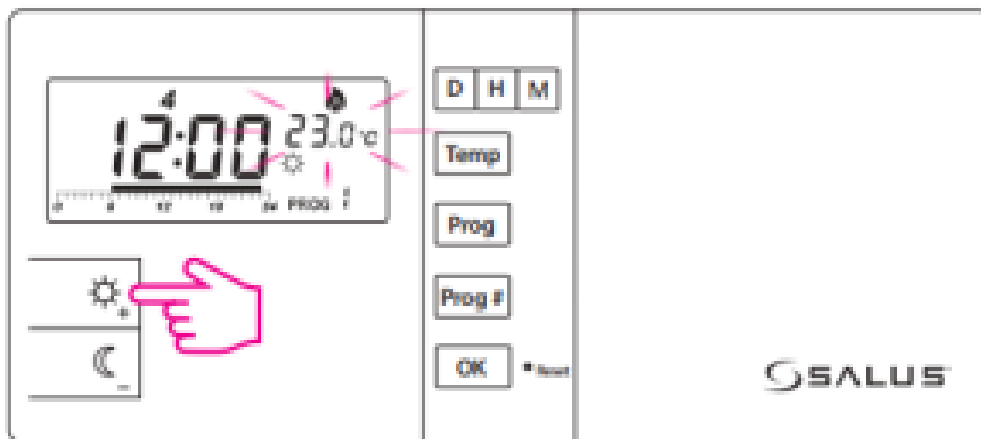


Press		the button to highlight the
Press		to set the day.
Press		to set the hour.
Press		to set the minutes.

 **Setting the comfort temperature**

Press **OK** the button to highlight the display.

Press and then press **Temp**

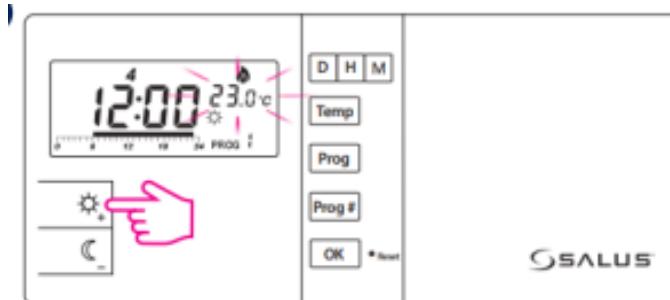


The display will show the current comfort temperature.

To change this temperature, press or the button.

Setting the economic temperature

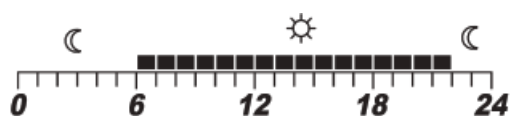
Press **OK** the button to highlight the display. Press and then press **Temp**



The display will show the current economic temperature. To change this temperature, press or the button

To confirm press **OK** the button.

Programs



comfort temperature
economic temperature

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

Selection of factory (0-5) programs

Press to highlight the display.
Select the day of the week by pressing **PROG** button.

Press to set the program number (0-5) for the selected day.



Program 0 is a special program. It will set the thermostat to antifrost Reset



To confirm press the button.

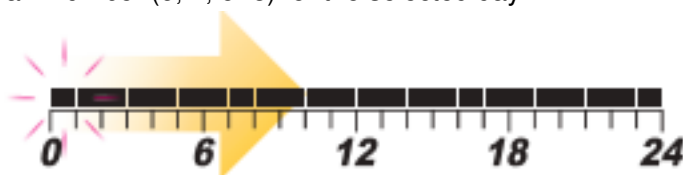


NOTE! Label with programs descriptions is sticking on the flip side of the cover.

Choosing and programming (6-8) user programs

Press to highlight the display.
Select the day of the week by pressing a **PROG** button.

Press to set the program number (6, 7, or 8) for the selected day.



Press or button (each pressing one of these buttons moves the timeline by one hour and assigns a comfortable or an economic temperature).

To confirm press the button.



Service menu

Press the button to highlight the display. Then open the service menu



by holding the  button for 5 seconds.




– **Heating mode** – the relay closes the contacts when there is a need for heating (default setting).



– **Cooling mode** – the relay closes the contacts when there is a need for cooling (with 5 minutes delay).

Pres  or  select mode.


To confirm your options press. 

dLY^{OFF}

– **Heating device delay switch is disabled** (default setting).

dLY^{ON}

– **Heating device delay switch is ON** (5 min)


Select by pressing  or  a button.

To confirm your options press. 

SPAN^{1.0°C}

– **Temperature span selection**, possible values are 0.5°C or 1.0°C (default = 1.0°C)

Press  or  or to set span.

To confirm your option press 

SYNC^{IO} – **Terminal output – Normally Open***

SYNC^{ON} – **Terminal output – Normally Closed***

*This feature is available from the 2.6 software version

Select by pressing or button.

To confirm your options press.



The green LED is always ON when the relay output is short.

– **Pairing process inactive**

– **Pairing process active**






NOTE! If you are using a 091FLRFv2 pack, the pairing between the thermostat and the receiver is already done.



If you want to re-pair the thermostat with the receiver, make sure that the device is disconnected from the power supply and the switches on the receiver have been set to AUTO and ON. Then connect the receiver to the power supply and wait for the red LED to light steadily. Next switch to the OFF position and again to the ON position quickly. the red Prog # Temp flashing LED will confirm entering the pairing mode.

Select **SYNC^{ON}** by pressing or and confirm by to begin the pairing process.

The display will show. **SYNC^{IO}** The pairing  or  process may take up to 10 minutes. Once devices are successfully paired, the LED on the receiver will go solid red. Press  the button to end the pairing process.

Documents / Resources



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