

# 091PRORF

## Programmable Thermostat

### About this product...

The SALUS 091PRORF programmable thermostat is a versatile and efficient device designed to regulate the temperature of heating or cooling systems, ensuring optimal comfort throughout the day. Powered by AA, 1.5V alkaline batteries, it provides easy installation without the need for complex wiring. One of its standout features is the Boost Mode, which can be activated based on motion detection, allowing the thermostat to quickly adjust the temperature when movement is detected in the room. This not only enhances comfort but also promotes energy efficiency, as it prevents unnecessary heating or cooling when the room is unoccupied. With its user-friendly design and smart functionality, the SALUS 091PRO offers a practical solution for maintaining a comfortable and energy-efficient environment.



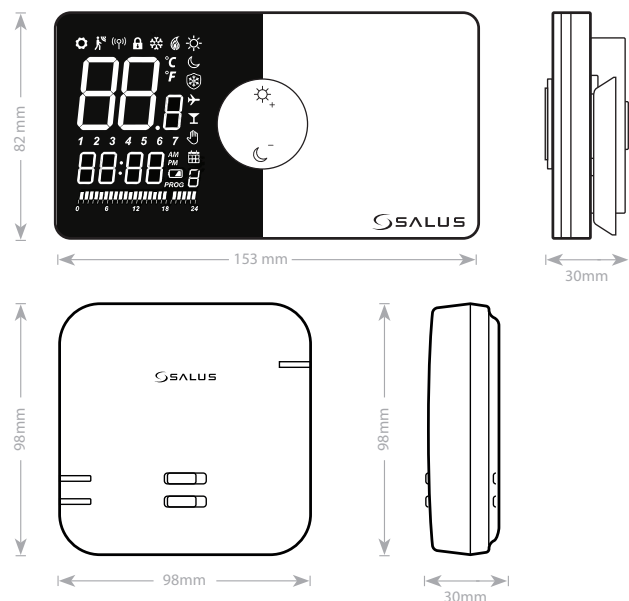
### Features

- Flexible Programming
- Temperature Boost with Motion Sensor
- Additional Modes: Manual, Party and Holiday
- Advanced temperature control with TPI
- Easy installation
- Landlord Functions Menu
- 5 Years Warranty

### Specification

<b>Input Power Thermostat</b>	2 x AA Batteries
<b>Input Power Receiver</b>	230V AC 50Hz
<b>Setpoint Range</b>	5 to 35°C for heating 5 to 40°C for cooling
<b>Landlord Function</b>	Able to lock both thermostat and receiver
<b>Guarantee</b>	5 Years Warranty

### Dimensions



## 091PRORF Programmable Thermostat - Technical Data

### Electrical and Mechanical Specifications

Input Power	2 x AA Batteries
Temperature display range	0°C to +45°C
Temperature Accuracy	+/- 0.5°C
Dimensions (H x W x D)	82mm x 153mm x 30mm
Material (Housing)	White, Gloss Plastic
Operating Temperature	0°C to +45°C
Storage Temperature	-25°C to +60°C
Installation	Wall or Desktop mounting
Standards	CE / Rohs / WEEE
RF Frequency	868MHz
Altitude	Up to 200m above sea level
Control Mode	Span or TPI
Clock Format	12 or 24 hour
Clock Accuracy	+/- 1 min / month
Landlord Function	Able to lock both thermostat and receiver
Dual Control	Controls both heating and cooling systems
Frost Protection	Fixed 7°C or minimum setpoint
Auto Cut Off	In heat mode, when room temperature > 36°C. In cool mode, when room temperature < 4°C
Guarantee	5 Years Warranty

## 091 PRO Receiver - Technical Data

### Electrical and Mechanical Specifications

RF Frequency	868MHz
Input Power	230V AC 50Hz
Switch Rating	16(5) amp
Output	0 - 230V
Dimensions (L x H x D)	98mm x 98mm x 30mm
Material (Housing)	White, Plastic
Landlord Function	Can be locked to prevent tampering
Operating Temperature	-20°C to +40°C
Guarantee	5 Years Warranty



## Thermostat LCD



ICON	DESCRIPTION
88.8	Room / setpoint temperature
°C	Room / setpoint temperature unit
1 2 3 4 5 6 7	Day of week
88:88	Clock
AM PM	AM / PM
0 6 12 18 24	Program timeline indicator
PROG	Program mode icon (Hourly Program)
	Program mode icon (Personalised Time Program)
8	Program number (Hourly Program), Program section (Personalised Time Program)
	Set Icon
	Motion Detection
((P))	RF sending
	Key lock function
	Low battery indicator
❄️ With animation	Cooling mode, animation indicating call for cool
🔥 With animation	Heating mode, animation indicating call for heat
☀️	Comfort mode
🌙	Economic mode
❄️	Anti-frost mode
✈️	Holiday mode
🍷	Party mode
👤	Manual mode / Temporary override

## Receiver LED Indication

FUNCTION	LED
Firmware Version	For example, firmware is v 1.2, when power on, RED LED flash once and then GREEN LED will flash twice.
Off mode (ON-OFF switch is in off position)	All LED's are off
Pairing mode	RED LED always on GREEN LED flashed at 1Hz
Manual mode	RED LED always on. When relay output is ON, GREEN LED on. When relay output is OFF, GREEN LED off
Not paired	RED LED flashes at 4Hz GREEN LED always off
Paired, Fail safe mode	RED LED flashes at 1Hz GREEN LED always off
Paired, test mode	RED LED and GREEN LED together flash at 0.5Hz
Paired, Auto mode	RED LED always on. When relay output is ON, GREEN LED on. When relay output is OFF, GREEN LED off



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