# Rohnson®

Oil-filled radiator

**INSTRUCTION MANUAL**

MODEL: R-2511-23

This product is only suitable for well insulated spaces or occasional use.

## Introduction

To get the most out of your new heater, please read through these instructions and the attached safety regulations before use. Please also save the instruction manual in case you need to remind yourself of the heater's functions at a later date.

## Technical Specification

| Details | R-2511-23 |
|---------|-----------|
| Voltage | 220~240V |
| Frequency | 50-60Hz |
| Power | 1000W / 1500W / 2500W |

## Important

Before plugging the unit into the mains, ensure by visual inspection that the unit is intact and has not suffered any damage during transit.

## Caution

The appliance must be always placed on a flat and stable surface.

In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

## For your own safety

1. Read all instruction before using the heater.
2. Only connect the heater to a single-phase socket with a mains voltage as specified on the rating plate.
3. Do not leave your home while the appliance is in function: ensure that the switch is in OFF (0) position and the thermostat is in minimum position. Always unplug the appliance.
4. Keep combustible material such as furniture, cushions, bedding, paper, clothes, curtains etc. at least 100cm away from the heater.
5. Do not hand anything on or in front of the heater.
6. Always use the heater in an upright position.
7. Do not place the heater against walls, furniture, curtains, etc.
8. Do not use the appliance in rooms less than 4m² area.
9. Always unplug the heater when not in use. Do not pull the cord to unplug the heater.
10. Keep the air inlet and outlet free from objects at least 1m in front and 50cm behind the heater.

11. Do not install the heater immediately below a socket- outlet.
12. Do not let animals or children touch or play with the heater. Pay attention the air outlet gets hot during operation.
13. Do not cover. If covered, there is the risk of overheating.
14. Do not use this heater in the vicinity of showers, bath tubs, wash basins or a swimming pool etc.
15. Do not use the heater in the rooms containing explosive gas inflammable solvents, varnish or glue.
16. Keep the heater clean. Do not allow any objects to enter any ventilation or exhaust opening as this may cause electric shock, or fire or damage to the heater.
17. If the heater has been dropped or damaged it should not be used until it has been inspected by a qualified service center.
18. Close supervision is necessary when the heater is being used by or near children, persons suffering from any physical impairment or pets.
19. Do not use to dry clothes or any fabric.
20. Do not use the heater to dry your laundry. Never obstruct the intake and outlet grilles (danger of overheating).
21. Do not move the appliance while it is functioning in order to avoid overheating with the additional risk of fire.
22. If any part of the heater or supply cord becomes damaged, it must be replaced by a qualified electrician. In order to avoid a hazard.
23. The heater must not be located immediately below a socket- outlet.
24. Do not use this heater with a programmer, timer or any other device that switches the heater on automatically, since a fire risk exists if the heater is covered or positioned incorrectly.
25. Do not use this heater if is has been dropped.
26. Do not use if there are visible signs of damage to the heater.
27. Use this heater on a horizontal and stable surface.
28. WARNING: Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
29. WARNING: To reduce the risk of fire, keep textiles, curtains or any other flammable material a minimum distance of 1m from the air outlet.
30. WARNING: In order to avoid overheating, do not cover the heater.
31. Do not leave the heater switched on when leaving your home or going to sleep.
32. Children should be supervised to ensure that they do not play with the appliance.
33. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience or knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
34. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
35. Children of less than 3 years should be kept away unless continuously supervised.
36. Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. CAUTION — Some parts of this

product can become very hot and cause burns. Particular attention must be given where children and vulnerable people are present.

37. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
38. Do not leave unattended when plug in to the mains supply.
39. The maximum radioelectric power in the frequency bands in which the radio equipment operates is 18dBm and 2,4GHz.

**Additional safety requirements for oil heaters**

● This heater is filled with a precise quantity of special oil. Repairs requiring opening of the oil container are only to be made by the manufacturer or his service agent who should be contacted if there is an oil leak.
● When scrapping the heater, follow the regulations concerning the disposal of oil.

**SPECIFICATION**
Model: YHA01E-11W / R-2511-23
Standard: EN 60335-1, EN 60335-2-30,EN 62233,   EN 62311, EN 301 489-1 V 2.2.3, EN 301 489-17 V3.2.4, EN 55014-1, EN 55014-2,EN IEC61000-3-2, EN 61000-3-3, EN 300 328 v2.2.2
Antenna Type:   PCB Antenna, 2.0dBi gain
Frequency WIFI: 2400-2483.5MHz
Maximum Transmitted Power:   ≤ 20dBm
Dimension:   46*24.5*64cm
Operation Temperature:     0-30℃
Operation Humidity: 40-70%
Power Input: 2500W

Producer: Ningbo Haiyan Electrical Appliances Co., Ltd.
Address: Fuhai develop area, Cixi, Ningbo, China.
Tel:   0574-63680017

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, Ningbo Haiyan Electrical Appliances Co., Ltd., declares that the radio equipment type of R-2511-23 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
www.vassilias.gr / www.rohnson.cz

⚠️

**Caution**
Some parts of the heater can become very hot and cause burns. Do not touch hot surfaces. Particular attention has to be given where children and vulnerable people are present.

ASSEMBLY (FIG. 1):

1.  To prevent damage, place the radiator upside down on a soft surface (for example a carpet)
2.  Fix wheels on two plates with cap nuts. Wheels should be installed between the two first and two last fins.
3.  Insert the U-shaped hook into the wheels plate and fix it on the radiator by wing nuts.
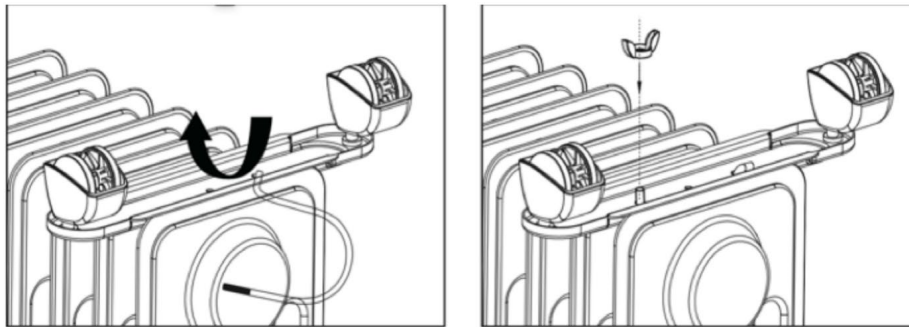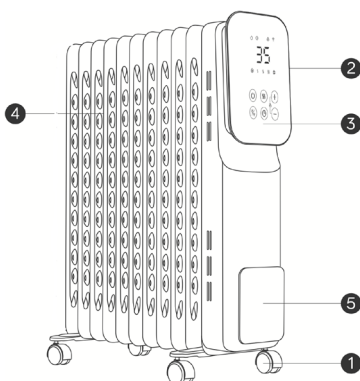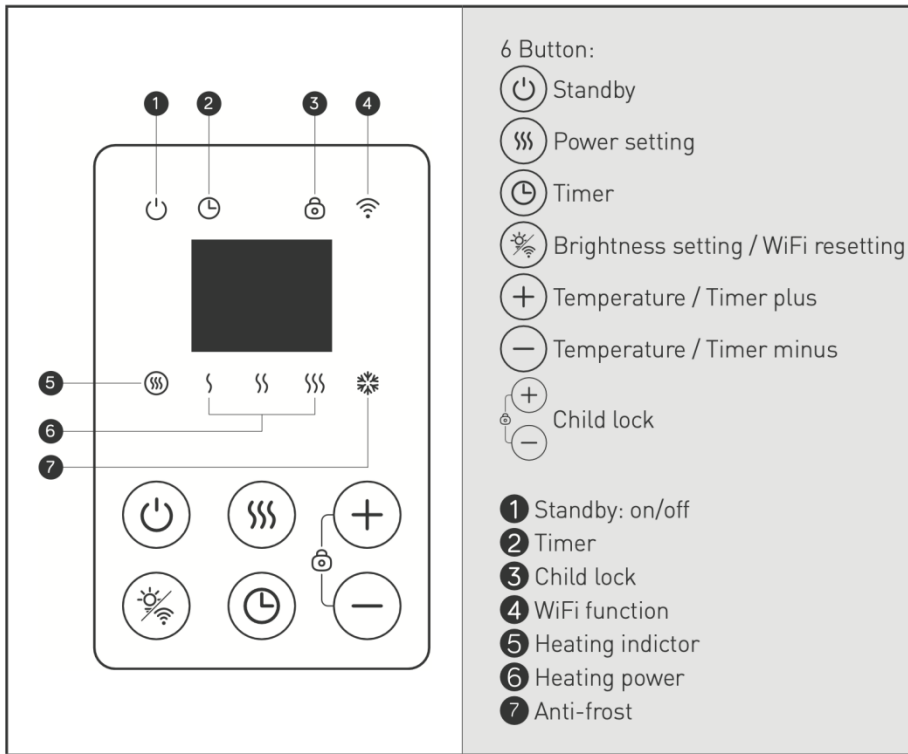4.  Turn the heater upright. Wait one minute before to connect the heater to power outlet.



**Fig. 1**

**LIST OF MAIN PARTS**



| 1 | Wheels |
|---|---|
| 2 | Safety Switch |
| 3 | Front control panel |
| 4 | Radiator body |
| 5 | Power cable holder |

## CONTROL PANEL:



6 Button:
- (⏻) Standby
- (ꙅꙅꙅ) Power setting
- (🕑) Timer
- (✷) Brightness setting / WiFi resetting
- (+) Temperature / Timer plus
- (−) Temperature / Timer minus
- (+)(−) Child lock

1 Standby: on/off
2 Timer
3 Child lock
4 WiFi function
5 Heating indictor
6 Heating power
7 Anti-frost

## HOW TO USE

Note: Connect the appliance to a safety grounded socket AC220-240V ,50-60 Hz.

1. Press on/off switch and press (⏻) to start the heater.

2. Press (+) or (−) to adjust the target temperature, 5-35℃

3. Press (ꙅꙅꙅ) to adjust the heating position ꙅ / ꙅꙅ / ꙅꙅꙅ / ✷

| ꙅ | 1000W |
|---|---|
| ꙅꙅ | 1500W |
| ꙅꙅꙅ | 2500W |
| ✷ | Anti Frost Protection. Automatic thermostat that switches the heater on, if the room temperature drops below 7℃ This helps to reduce the likelihood of water pipes freezing and bursting |

4. Press (🕑) to set the 24 hours timer off, "00" means the timer function is off. Press (+)

or ⊖ to set timer 0-24 hours. The indicator light 🕘 will light up when this function is activated.

5. Press ⊛ to set display brightness from 100%, 50%, 25% and off display.

6. When it is heating, the indicator ⧟ will light up.

7. Press ⊕ and ⊖ together for 3 seconds, lock or unlock the screen.

8. The heater has heating boost function, long press button ⧟ for over 3 seconds, heater will continuously work for 12 hours, while the temperature sensor does not work. In this mode, the screen display "HH".

9. The light of screen will be dim after stopping the operation for 60 seconds.

**TIP-OFF SAFETY DEVICE:**

This appliance is provided with a safety device which will switch off the heater in case of accidental tipping off. To reset, disconnect the plug from the power for a few minutes, remove the cause of tipping off, then plug the appliance in again. If it still cannot be reset, ask a qualified technician to check and repair.


**OVERHEAT SAFETY DEVICE:**

Your heater is fitted with a safety device to switches off the heater in the event of overheating. If the safety device operated, please turn the heater off, unplug the appliance and let it completely cool, inspect for blockage of air inlet or outlet, attempting to restart the heater then after.

If the heater fails to operate or the safety device switches the heater off again, return heater to your nearest service center for examination or repair.


**MAINTENANCE:**

1. Always disconnect the appliance and let it completely cool before any maintenance.

2. Use a vacuum cleaner to remove dust on surface.

3. Clean the outside of the unit with a damp cloth and then dry it with a dry cloth. Never immerse the unit in water, nor let water drip into the unit.

## STORING:

1. Always disconnect the appliance, let it completely cool and clean it before storing.

2. If you do not use the device for a long period, put back the unit and the instruction manual to the original carton and store in a dry and ventilated place.

3. Do not place any heavy items on top of carton during storing as this may damage the appliance.

## DETAILS FOR Wi-Fi CONNECTIVITY

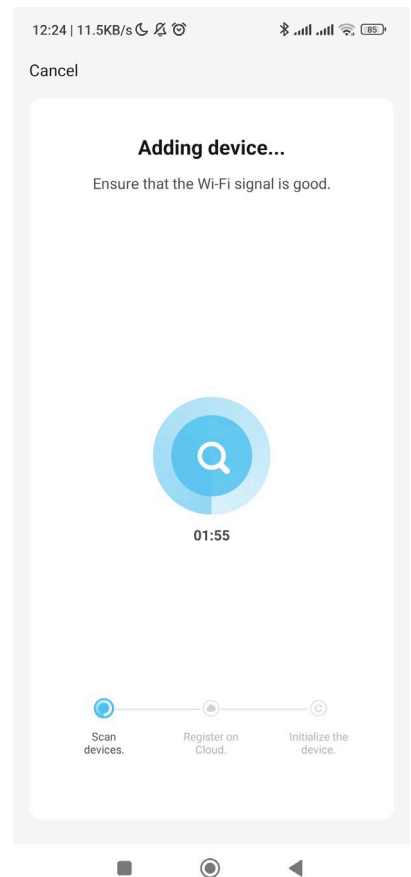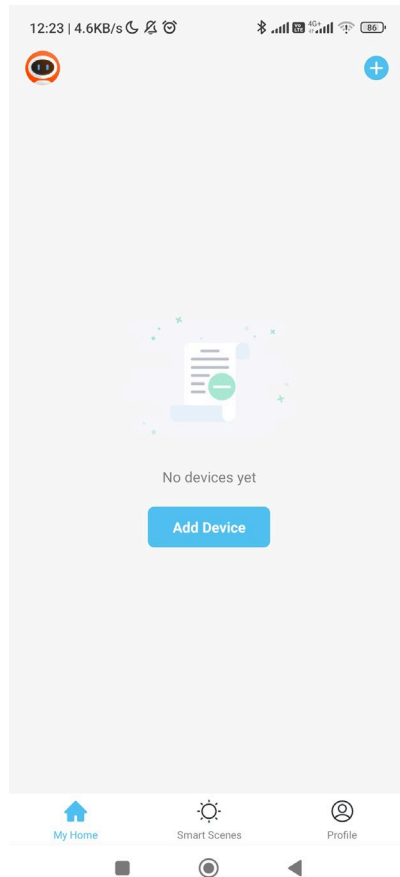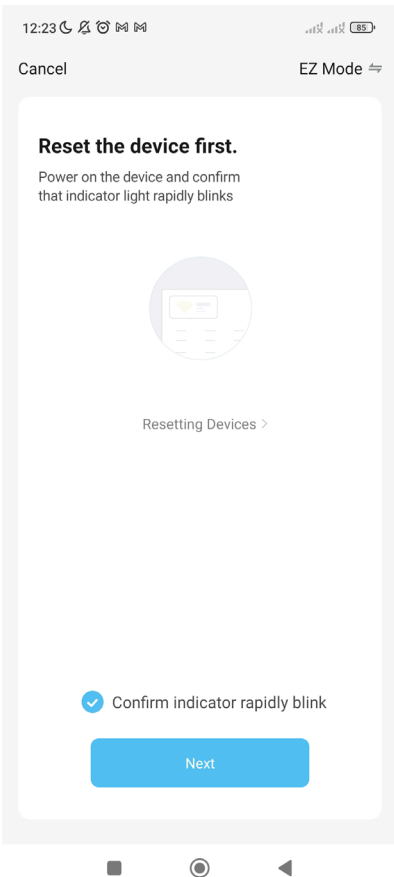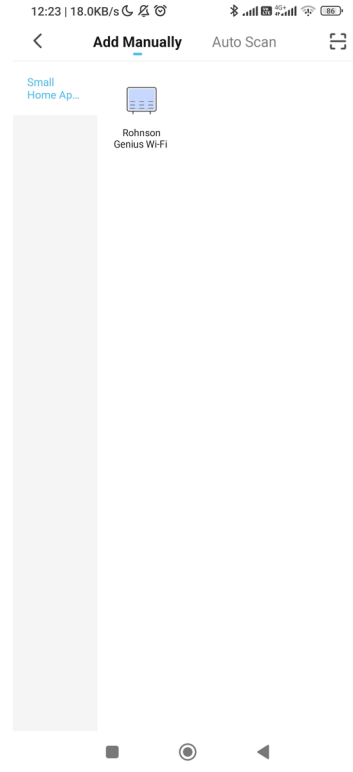Please scan QR code for download Rohnson APP for *Android as below.*
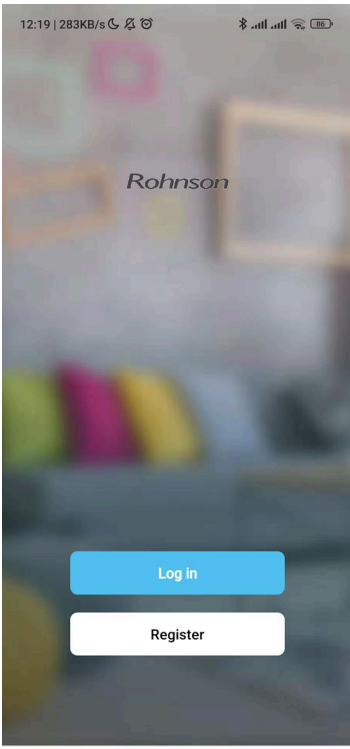
Please download Rohnson APP from APP Store for IOS mobile device.



### Connection by WIFI

1.Use your phone to scan the QR code above or search "Rohnson" App in

Play store or App store. Download and install the Rohnson App.

2.Select Register. Then, select your country, enter email and tap "Continue" to get a message containing verification on code.

3.Enter the verification on code in the message and tap"Login" to login the App.

4. Please also activate Bluetooth function on your phone.

5. Press the safety switch at the side of the unit, then press the on/off switch to switch on the product and make sure the product is in WIFI covered environment. The Wi-Fi indicator

light will rapidly blinks. If the indicator light do not rapidly blinks, please press "  " button for 5 seconds and the Wi-Fi signal will rapidly blinks, then go to the App, tap "add device" at the bottom.

Rohnson

Log in

Register

---

Register

Greece

Email

Continue

---

Add Manually    Auto Scan

Small
Home Ap...

Rohnson
Genius Wi-Fi

---

Cancel                    EZ Mode

**Reset the device first.**

Power on the device and confirm
that indicator light rapidly blinks

Resetting Devices >

✓ Confirm indicator rapidly blink

Next

---

No devices yet

Add Device

My Home        Smart Scenes        Profile

---

Cancel

**Adding device...**

Ensure that the Wi-Fi signal is good.

01:55

Scan          Register on        Initialize the
devices.        Cloud.            device.

**Added successfully**

R-2511-23
Adding device succeeded.

**No response from device
Check demerit points and retry**

① Check if the device has been
reset and the indicator is blinking
quickly.
② Check if it is 2.4 GHz Wi-Fi.
③ Verify the Wi-Fi password.

**Retry**

**Switch Pairing Mode**

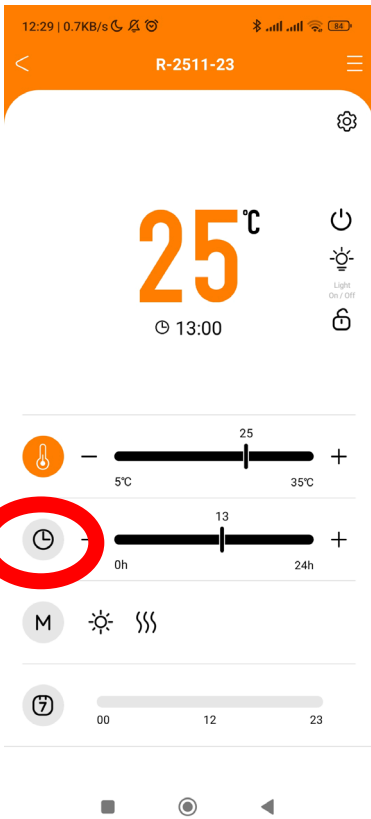More device-pairing FAQs

The product will be added successfully    In case you see this message, please check the three possible reasons                and retry
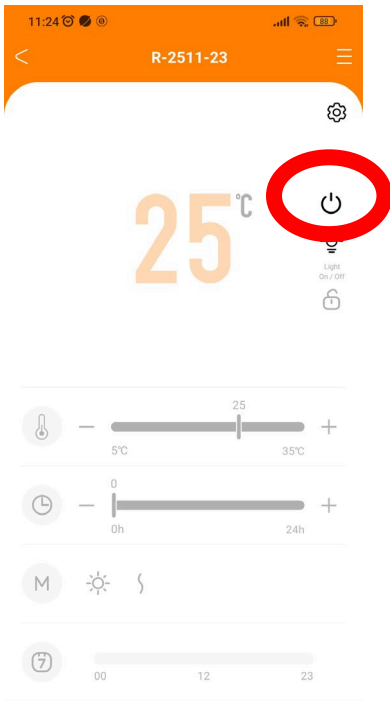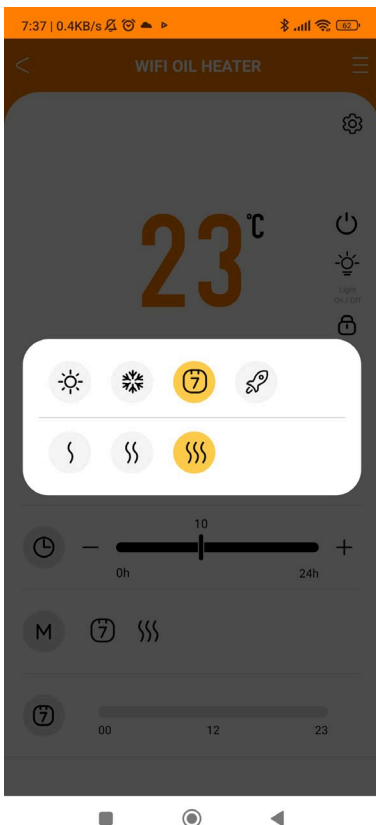
Now, the unit is off. Press the on/off button to turn the unit on.
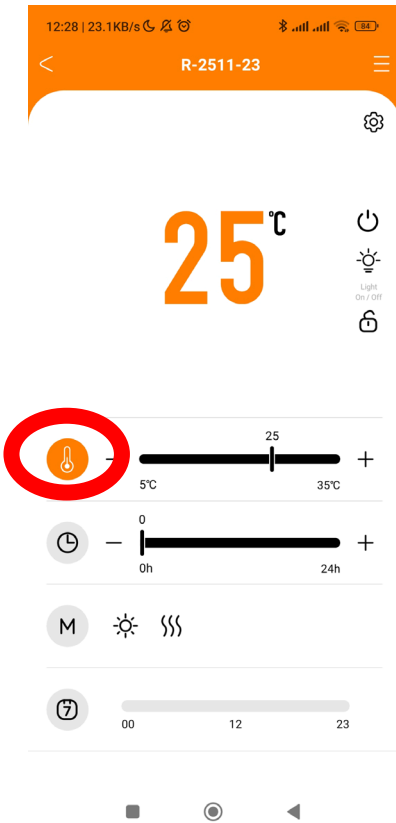
The unit is on. You can adjust your desired temperature from 5-35°C

You can select the desired timer to turn the unit off (1-24h)

- ☀ Comfort mode
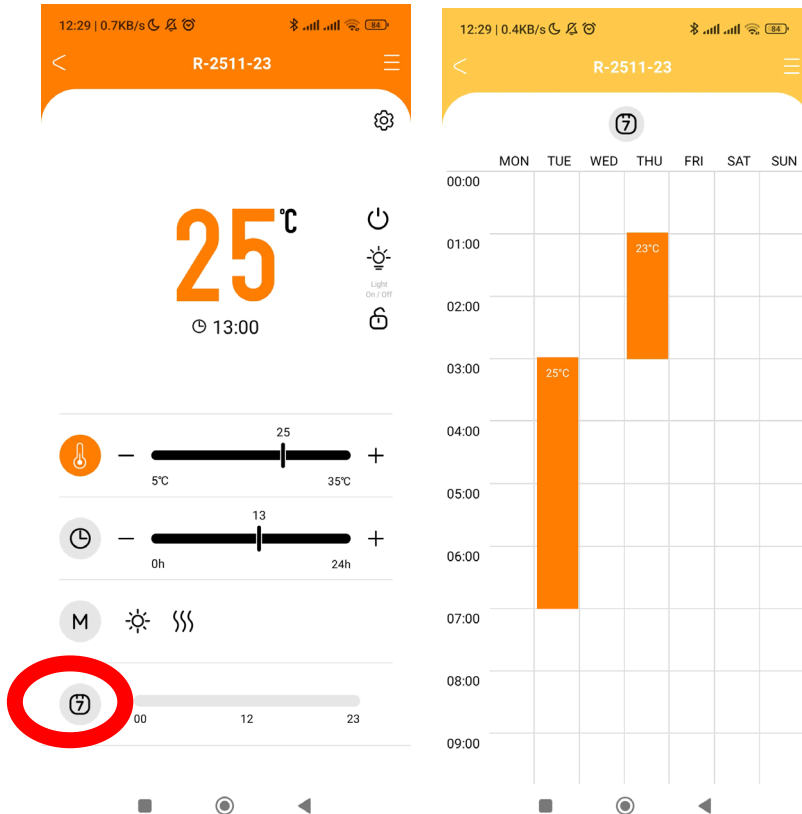- ❄ Anti-frost mode
- ⑦ Smart timer
- 🚀 Boost heating mode
- ∫ Low heating
- ∫∫ Medium heating
- ∫∫∫ High heating

Press M to set your desired heating mode.

## ⟨Boost heating mode⟩

In boost heating mode, the heater will keep working for 12 hours, unless there is power off or overheating protection is activated. The temperature sensor does not work and screen will display "HH".



## ⑦ Smart timer

When the unit is on, you can select smart timer function. You can set the working time and working temperature for every hour in everyday. For this function, it can be handled by APP only. While being in this mode, the screen of heater would display "P7".
When smart timer function is selected, the default target temp is 7 ° C, unless set the target temperature in smart timer setting to different temps.
For example, if current time is 17:30 on Tuesday and setting temperature at 25 degrees and you would like to change the target temp for this period, 17-18:00, just enter smart timer setting and select target temp for 17:00-18:00 to 20 degrees. Then the actual target temp come to be 20 degrees automatically.

For smart timer function the unit should be always on and there are 2 principles:

1. If do not set any temp in the smart timer function, the target temp would be 7 ℃ as default one.
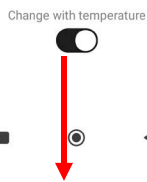
2. Set the target temp of requested time period (the preferred working temperature should be higher than room temperature), when time is up, the target temperature would change automatically
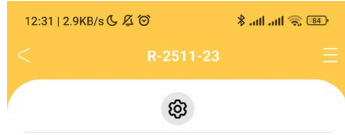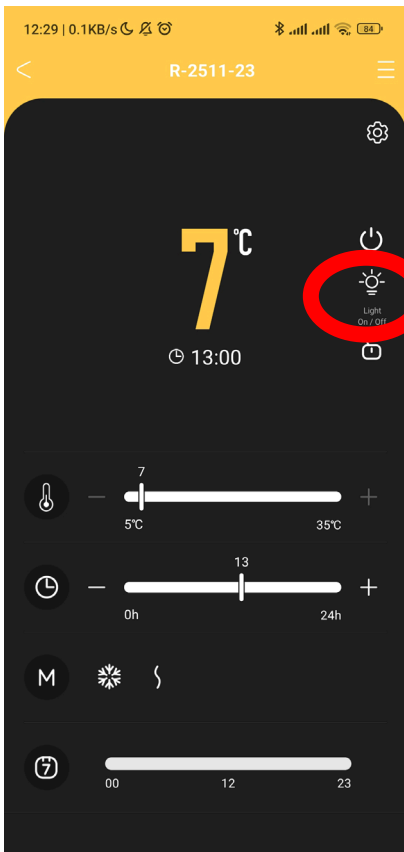


Color

APP background color selection. In order to set your desired APP background color, the "change with temperature" setting should be off.
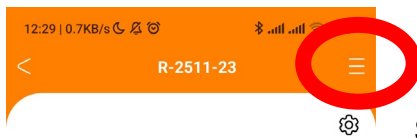
Change with temperature

Turn on / off background color changing. If it is on, the background color will change according to the temperature. The colors are set by default.
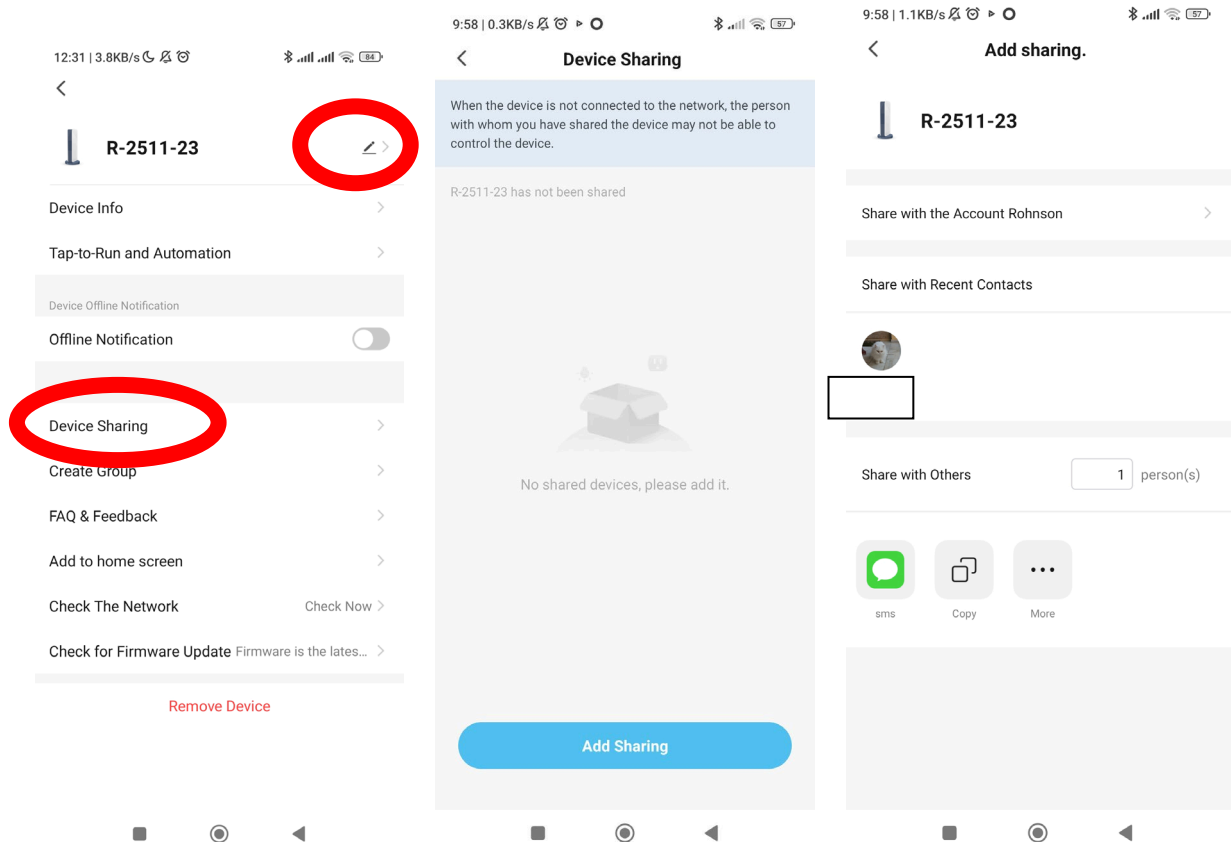
This is night mode button. Select this button to turn the light on/off
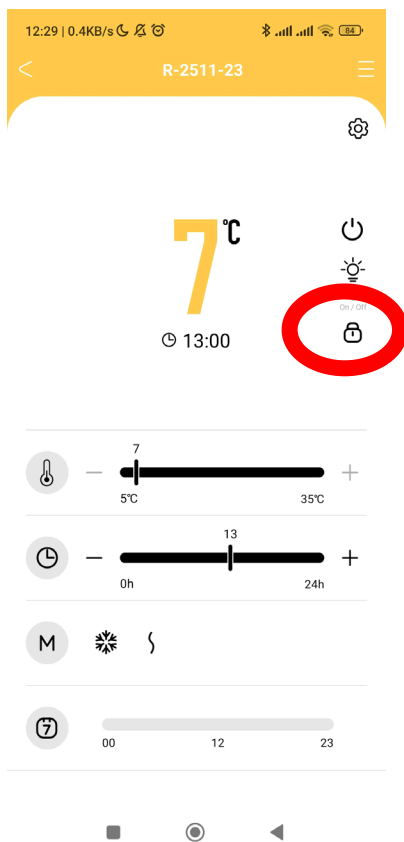


Select the safety "lock" button to lock or unlock the product.

Select this button for more options on your device.

You can change your product's name, check device info or share your device with other people. Choose device sharing, add sharing, share with the Account Rohnson or other options. You can share the product with maximum 20 people.



IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service. Disposing of a household appliance separately avoids possible negative consequences for the environment and health, deriving form inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.

| Information requirements for electric local space heaters | | | | |
|---|---|---|---|---|
| Model identifier(s): R-2511-23 | | | | |
| Item | Symbol | Value | Unit | Item Unit |
| Heat output | | | | Type of heat input, for electric storage local space heaters only (select one) |
| Nominal heat output | P nom | 2.5 | kW | Manual heat charge control, with integrated thermostat N.A. |
| Minimum heat output (indicative) | P min | 1.0 | kW | Manual heat charge control with room and/or outdoor temperature feedback N.A. |
| Maximum continuous heat output | P max,c | 2.5 | kW | Electronic heat charge control with room and/or outdoor temperature feedback N.A. |
| Auxiliary electricity consumption | | | | Fan assisted heat output N.A. |
| At nominal heat output | el max | 0.000 | kW | Type of heat output/room temperature control (select one) |
| At minimum heat output | el min | 0.000 | kW | Single stage heat output and no room temperature control [no] |
| In standby mode | el sb | 0.001 | kW | Two or more manual stages, no room temperature control [no] |
| | | | | With mechanic thermostat room temperature control [no] |
| | | | | With electronic room temperature control [no] |
| | | | | Electronic room temperature control plus day timer [yes] |
| | | | | Electronic room temperature control plus week timer [no] |
| | | | | Other control options (multiple |

| | | | | selections possible) | |
|---|---|---|---|---|---|
| | | | | Room temperature control, with presence detection | [no] |
| | | | | Room temperature control, with open window detection | [no] |
| | | | | With distance control option (WiFi Option) | [yes] |
| | | | | With adaptive start control | [no] |
| | | | | With working time limitation | [no] |
| | | | | With black bulb sensor | [no] |
| | | | | | |