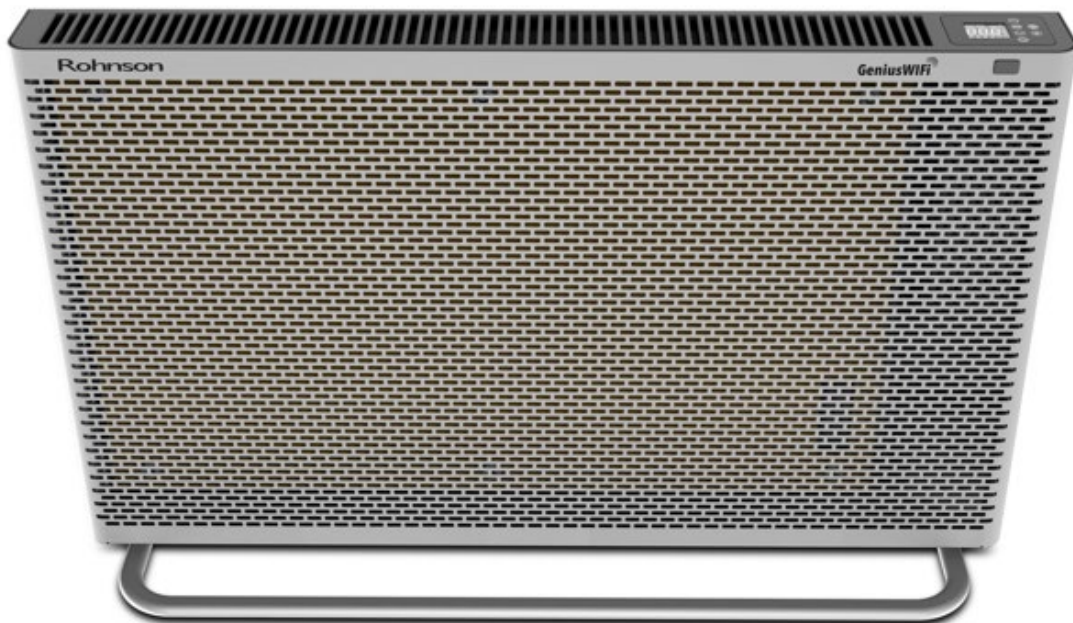


Rohnson®

Digital Mica Panel Heater with Wi-Fi



INSTRUCTION MANUAL

Model No.: R-083

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

**PLEASE READ AND SAVE THESE
INSTRUCTIONS FOR FUTURE REFERENCE**

Congratulations on your purchase of a Mica panel heater. Please read the following instructions carefully before use and retain for future reference.

BEFORE FIRST USE

- Read and follow all the instructions below even if you feel you are familiar with the appliance.
- Remove the packing and make sure that the appliance is intact. If in doubt, do not use the appliance and contact the place of purchase.
- Do not leave packaging materials such as bags and staples within reach of children.
- Dispose of packaging carefully and with consideration for the environment.
- It is ideal to retain the appliance carton for seasonal storage.

For your convenience record the date you received the appliance on the warranty page of these instructions and attach your proof of purchase. Retain this information in the event that a warranty service is required.

NOTE: The rating of this appliance (as marked on the rating label) is based on specific loading tests. Normal use or the use of other recommended attachments may draw significantly less power.

IMPORTANT SAFETY INFORMATION

When using any electrically powered appliance, these basic safety precautions should always be followed.

WARNING:

To reduce the risk of fire, electrical shock or injury to persons or property:

- To avoid overheating, keep airflow grilles clear of dust and hair build up - especially if you have indoor pets.
- Use only the voltage specified on the rating label of the appliance.
- Do not cover or restrict airflow to the inlet or outlet grilles in any manner as the appliance may overheat and become a fire risk.
- Do not cover grilles, block entry or exits of airflow by placing the appliance against any surface. Keep all objects at least 1 meter from the front, side and rear of the appliance.
- Do not locate in areas of high foot traffic, ensure the power cord and heater are in view to avoid accidents.
- Do not operate in areas where gasoline, paint or other flammable liquids are used or stored.
- This appliance heats up when in use. To avoid burns, do not touch the front of the appliance or any of the grilles or vents.
- Before moving the appliance, switch off the appliance by unplugging it from the wall and allowing it to cool.

- Do not use the appliance to dry clothes.
- Do not insert or allow foreign objects or metal utensils into any ventilation or exhaust openings as this may cause an electric shock, fire or damage to the appliance.
- Do not operate in bathrooms, laundry areas or similar moist indoor locations. Never locate the appliance where it may fall into a bath or other water container.
- Do not immerse in liquid or use the appliance near water as this could create an electrical shock hazard.
- If the appliance accidentally comes into contact with water switch off the power supply and do not touch the appliance.
- Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or has been dropped or damaged in any manner. Return to a qualified electrical person for service or repair.
- Do not operate the appliance with wet hands.
- Do not connect the appliance to the mains voltage until completely assembled and adjusted.
- This appliance is not intended for outdoor use.
- Always operate upright on a flat surface only.
- CAUTION: This product is NOT suitable to be used on long pile carpets.
- Unroll the cord before operating. Operating with a coiled cord may cause overheating and fire risk.
- The use of an extension cord with this appliance is not recommended.
- Do not remove the plug from the power socket until the appliance has been switched off.
- Always hold the plug when removing it from the wall, do not pull the cord.
- Always unplug the appliance when it is not in use.
- Do not allow the cord to come in to contact with the appliance surface during operation.
- Do not run the cord under carpeting, mats or rugs etc. Arrange the cord away from traffic areas so that it will not be tripped over.
- Do not twist, kink or wrap the cord around the appliance as this may cause the insulation to weaken and split.
- This appliance is not intended for use by young children or infirm persons without supervision.
- This appliance is intended for light domestic use and not for heavy duty commercial or industrial use.
- The appliance must not be located immediately below or in front of a socket- outlet.
- Do not use this appliance with any type of external timer.

- Never remove the cover of the appliance – in case of a fault contact a qualified service person.
- Use this appliance only as described in this manual.
- Any other use is not recommended by the manufacturer and may cause fire, electric shock or injury.
- Children of less than 3 years should be kept away unless continuously supervised. 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.
- Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

CAUTION:

Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
- Children being supervised not to play with the appliance.

WARNING: In order to avoid overheating, do not cover the heater.

Statement: heater is not located immediately below a socket-outlet.

- Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- Do not use this heater if it has been dropped
- Do not use if there are visible signs of damage to the heater
- Use this heater on a horizontal and stable surface, or fix it to the wall, as applicable

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.

Move the appliance only with plastic part before it cools down enough

WARNING: To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 m from the air outlet.

- 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 and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play

with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

CAUTION:

Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
- Children being supervised not to play with the appliance.

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Move the appliance only with plastic part before it cools down enough.

WARNING: To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 m from the air outlet.

Model: HP2301-24DWM-V23 / R-083

Standard: 802.11 B/G/N20

Antenna Type: PCB Onboard

Frequency WIFI: 2.400~2.4835GHz

Maximum Transmitted Power: 17.5dBm AVERAGE

Dimension: 16±0.35 mm (W)×24±0.35 mm (L) ×0.8±0.1 mm (H)

Operation Temperature: minimum value: -20 °C, max value: 85 °C

Power Input: 3-3.6VDC

Producer: DONGGUAN YUETAI ELECTRICAL APPLIANCES CO.,LTD

Address: ROOM 101,1ST BUILDING,NO.5 LANE 1, XIYU ROAD,HENGLI TOWN DONGGUAN CITY,GUANGDONG PROVINCE,CHINA

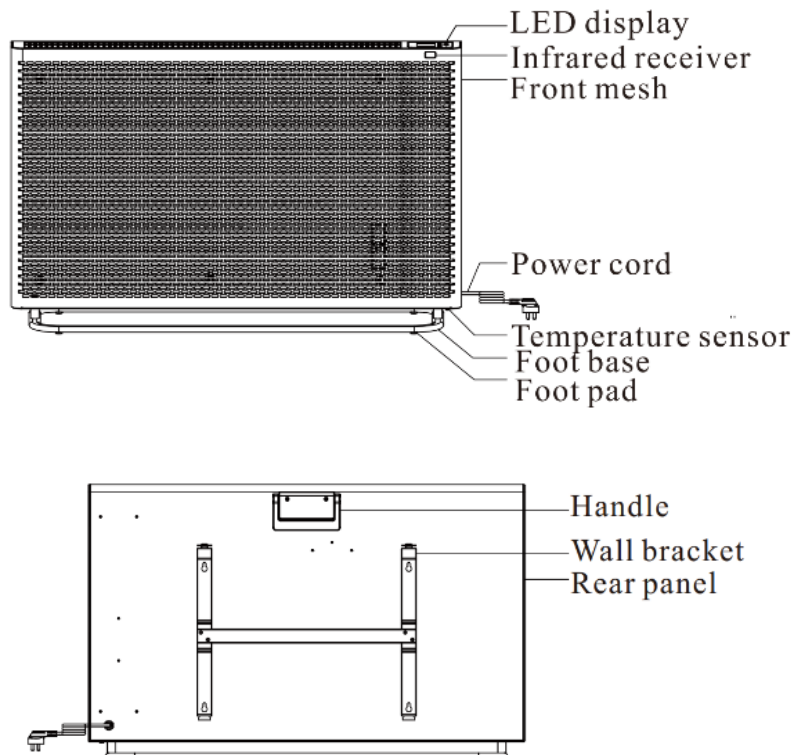
Tel:0086-769-38801090

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, DONGGUAN YUETAI ELECTRICAL APPLIANCES CO.,LTD, declares that the radio equipment type of R-083 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

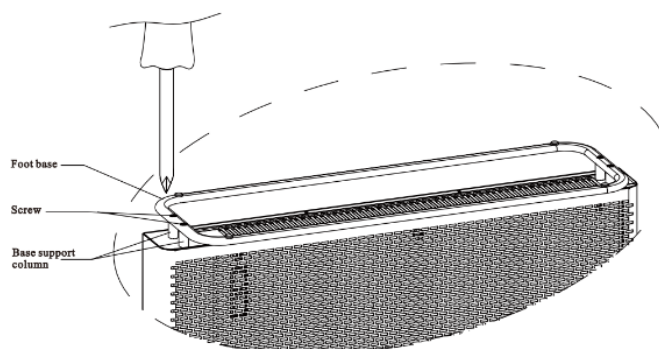
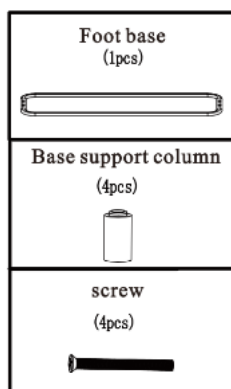
www.rohnsen.eu

Description of main parts



ASSEMBLY INSTRUCTIONS

1. Position the heater carefully upside down.
2. Align the support column with the 4 holes in the base of the appliance. Insert the foot base to the top holes of the support column, then place screws in the center of the holes and attach firmly with a screwdriver.
3. Turn the heater the right way up.



Refer to Minimum Clearances adjacent as a guide to the correct location of the heater. Ensure the foot base is removed and stored safely, if it's currently secured to the heater.

Important:

Before drilling holes into the wall, check if there are not any cables passing nearby.

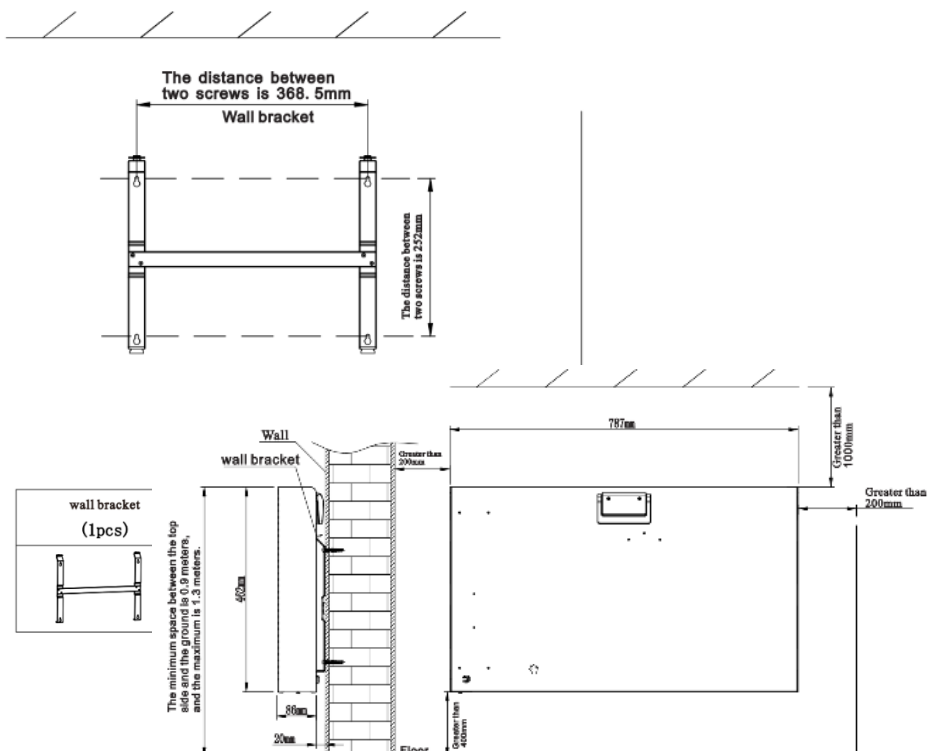
1. Dismount the foot base off the appliance.
2. Drill into the wall holes with the proper size. The distance between the horizontal centers is 368.5mm and vertical center spacing is 252mm.
3. Put the plastic expansion screws into the wall and fix the wall bracket with the screws to the wall securely (4 long screws and plastic expansion screws are included with the heater)
4. Align the product with the wall bracket and hang it (as shown)
5. Ensure the heater is securely fastened to the wall

Positioning of the Heater

Portable: The appliance must be placed on a flat, firm surface and should only be operated at a proper distance from any wall or other object. For best performance, position the heater in order to optimize the air flow of the room.

Wall-mounted: refer to the drawing below for minimum clearances.

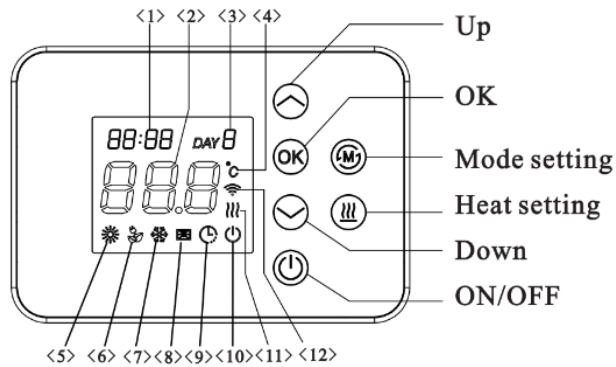
MINIMUM CLEARANCES



Note: The minimum space between the top side and the ground is 0.9 meters, and the maximum space is 1.3 meters.

OPERATING INSTRUCTIONS

NOTE: When switched on for the first time a slight odour may be emitted for a few minutes. This is harmless and occurs with most appliances as slight traces of dust or lubricants may have collected during manufacture.

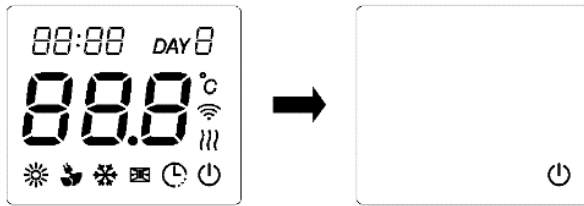


1. Time
2. Room Temperature
3. Day
4. Temp. symbol
5. Comfort mode
6. ECO mode
7. Anti-frost mode
8. Open window mode
9. DIY mode
10. Standby symbol
11. Heat symbol
12. Wi-Fi symbol

- Place the heater on a level surface in a stable upright position.
- Unwind the power cord and plug your heater into a power socket (observing the instructions regarding positioning). Ensure the voltage on the specification plate is the same as in your home and the power cord is lying safely on the ground.
- Turn on the rocker switch at the side of the appliance adjacent to the mains cable entry. The display will light briefly.

ON/OFF (Remote controller available)

While the unit is powered on, the buzzer "drops", all the ICONS on the display screen light up for 2 seconds, and then enter the standby mode. The display screen displays as below:



Working modes switch (Remote controller available)






- Plug in the power plug and enter standby mode.

In standby mode, press the power button on the operation panel to enter the comfort mode heating.


In heating mode, press the on/off button to switch to standby mode.


Modes setting (Remote controller available)

Press to choose six modes as below


	Comfort mode
	ECO mode
	Anti-frost mode
	Open Window mode
	DIY mode
	Manual mode


“” symbol means Comfort mode



“” symbol means ECO mode

“” symbol means Anti-frost mode


“” symbol means Open window mode

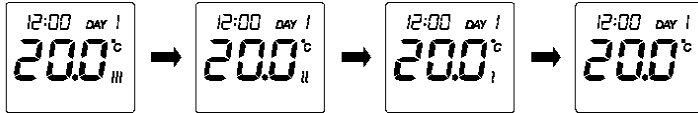
“” symbol means DIY mode

After DIY mode, pressing “” it's manual mode, and no symbol illuminate on the digital display panel.




NOTE: It enters into manual mode automatically after pressing Up  or Down  button during operation, then all mode symbols are not displayed



Heat Setting (Remote controller available)

- Press the button  to set the heating level option I, II, III, the default heating level is III.



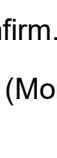











Temperature setting (Remote controller available)

- Press the button  or  to set your desired temperature from 5°C-36°C.
- If no operation for 5 seconds, it will be automatically saved, or press the button  to save.





Note: It enters into manual mode automatically after pressing Up  or Down  button during operation, then all mode symbols are not displayed.



Clock setting (Remote controller N/A)

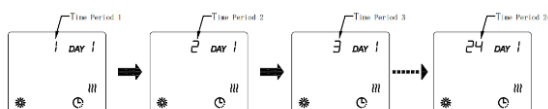
- Hold down the button  and  for 3 seconds, there will be buzzing for 1.5 seconds, the clock symbol will illuminate, it will show , the default is setting from Day 1 (Monday). It will also show last record data as there is memory record.











- Press  or  to choose hour "0-24" and then press  to confirm.
- When you're done, you can start to set the minutes, press  or  to choose minutes 0-59, then press  to confirm. After that, start to set the days of week, press  or  to choose the day 1-7 (Monday to Sunday) and then press  to confirm.

DIY Mode







- Press the button , while the symbol  illuminates, press  to enter the DIY mode, press  again to start to set the mode you need.
- The default is setting from Day 1 (Monday). It will also show last record data as there is memory record.

There is 24 hours in total, each time unit is 1 hour, 1 (0:00-1:00), 2 (1:00-2:00), 3(2:00-3:00).....24(23:00-00:00), press  or  to set your desired timer from 1-24 hour.









- Set your desired mode  or  by pressing the , the default mode is  comfort mode.
- Press button  to set the heating level, 3 or no heating level.
- After finishing the Monday setting, press  to enter Tuesday setting.
- In the DIY mode, Press  for 5 seconds, the  will illuminate 3 times, then can copy the mode setting of Monday to other six days.
- It will be saved and exit the DIY mode if 10S no operation.
- In the standby mode, press  and  for 3 seconds at the same time, and the buzzer will beep for 1.5 seconds, and the DIY mode will be restored to factory settings.
- In the DIY mode, the initial working status mode of all periods is comfort mode with none heat setting.






Comfort mode

- Press the button , while the comfort icon  and the temperature 20°C icon blink on the digital display for 3 seconds, it will enter the comfort mode or press  to enter the comfort mode, and the default temperature is 20°C with level  heating. When the temperature reaches the default temperature, it will switch to work with low power level . When the temperature is 2 degrees higher than the default temperature, it will stop heating. When the temperature is 2 degrees lower than the default temperature, the unit will restart heating automatically with the high power level .

ECO Mode

- Press the button , while the icon  and the temperature 18°C icon blink on the digital display for 3 seconds, it will enter the ECO mode or press  to enter the ECO mode, the default temperature is 18°C at  heating level. When the temperature reaches the default temperature, it will switch to work with low power level . When the temperature is 2 degrees higher than the default temperature, it will stop heating. When the temperature is 2 degrees lower than the default temperature, the unit will restart heating automatically with the high power level .

Anti-frost mode

- Press the button , while the icon  the temperature 5°C icon blink on the digital display blink for 3 seconds, it will enter the Anti-frost mode or press  enter the Anti-frost mode, the default temperature is 5°C with  heating level. When the temperature is 2 degrees higher than the default temperature, it will stop heating. When the temperature is 2 degrees lower than the default temperature, the unit will restart heating automatically with the high power level .


Open window Mode

- Press the button , while the icon  blinks, press  enter the open window mode.

this is designed to save your energy consumption by switching your unit off when it detects an open window.

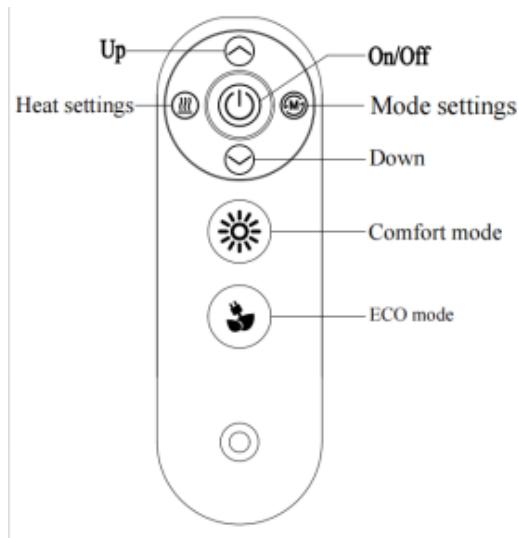
- In open window mode, it will work in comfort mode and will detect the room temperature automatically.
- When the unit detects that the room temperature drops by about 5 ° C or more within 3 minutes period , it will enter the anti-frost mode.
- When the unit detects that the room temperature increases by about 2 ° C or more within 3 minutes period, it enters the comfort mode.

NOTE: The LCD brightness will be reduced by 2/3 if no operation within 30 seconds

- Hold down the button  for 5 seconds, the buzzer prompts for 1.5 seconds, enter the heating mode directly, can set the heating level.

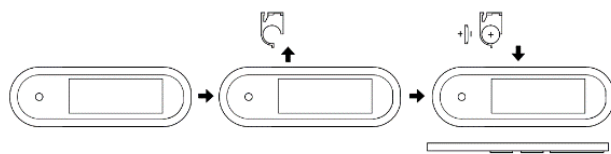
Remote Control

- The remote control duplicates the main functions that are on the control panel. Please refer to the above instructions for operation.
- The heater comes with a remote control powered by a 3V lithium button cell (CR2025), which is contained inside the remote control.
- Before operation, please remove the plastic tab so the battery contacts are activated. Simply pull to remove.



Battery Replacement

If the battery in the remote control is flat, insert a new 3V CR2025 size button cell following the instructions below.



- Push the locking tab to one side and pull out the battery compartment at the lateral side of remote control.
- Remove the old battery from the remote control and insert a new one of the same type, observing the battery polarity, as illustrated.
- Push the battery compartment back into the remote control.
- Non-rechargeable batteries are not to be recharged
- Different types of batteries or new and used batteries are not to be mixed
- Batteries are to be inserted with the correct polarity
- Exhausted batteries are to be removed from the appliance and safely disposed of
- If the appliance is to be stored unused for a long period, the batteries are removed
- The supply terminals are not to be short-circuited

WARNING !

Keep batteries out of reach of children. Swallowing may lead to serious injury or death in as little as 2 hours due to internal burns. If swallowed, go straight to a hospital DANGER if swallowed emergency room. Dispose of used batteries immediately.

- Do not open the batteries or short-circuit them.
- Due to increased risk of leakage, empty batteries should be removed.
- The batteries should also be removed from the remote control if it is not being used for long periods.
- Only dispose of batteries when they are fully discharged.

WARNING: Danger of explosion!

To prevent a risk of explosion, batteries must not be charged, heated or disposed of by burning. Never throw batteries into a fire or subject batteries to high temperatures.

Used batteries should not be disposed of in household waste. Dispose of them in accordance with statutory regulations.

SAFETY FEATURES

Over-Heat Protection

- This heater is protected with an over-heat protection cut-out facility that switches it off automatically if it over-heats.
- Overheating can be caused by obstruction to the air intakes on the back of the heater or the grill on the front.
- If this occurs please disconnect the heater from the power socket and allow it to cool for 30 minutes. Remove any obstruction and turn the heater back on.
- The heater should operate normally.

Should the problem persist contact your nearest service center.

Safety Cut-Out Switch

- The heater is fitted with a safety cut-out switch to switch the heater off if it is knocked over.
- If the heater is knocked over and the cut-out switch activates turn the heater off at the power outlet and take EXTREME care when standing the heater upright as it will still be hot.
- Inspect the heater for damage especially to the heating elements and supply cord.
- If any damage is visible do not operate the heater.

CLEANING AND CARE

- **IMPORTANT:** Turn off the heater. Switch off the power switch and disconnect the heater from the power socket. Wait for the heater to be completely cool before cleaning.
- Vacuum clean air vents and grilles to remove dust from these areas.
- To remove dust on external surfaces, wipe the heater with a damp (not wet) lint-free cloth rinsed in hot soapy water only.
- Do not use any harsh detergent or abrasive cleaners.
- Do not spray with liquids or submerge in liquids or water.
- Do not attempt to clean the interior of the heater.
- Do not attempt to open the heater casing at any time.

STORAGE

- Store the heater carefully in a dust-free area during the off season. It is ideal to store the heater in the carton it was supplied in. Neatly wind the cord of the heater to prevent damage to the cord.



DETAILS FOR Wi-Fi CONNECTIVITY

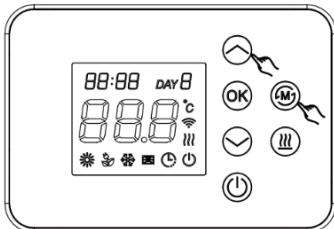
Please scan QR code to download Rohnson APP for *Android as below*.

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 activate the Bluetooth function on your mobile phone.
5. Hold down the button  and  for 3 seconds to enter the distribution network, the WIFI icon flashes, and the WIFI icon lights up after the distribution network is successful. If the distribution network is unsuccessful, the WIFI icon will go off after 2 minutes. Then go to the App, tap “add device” at the bottom.



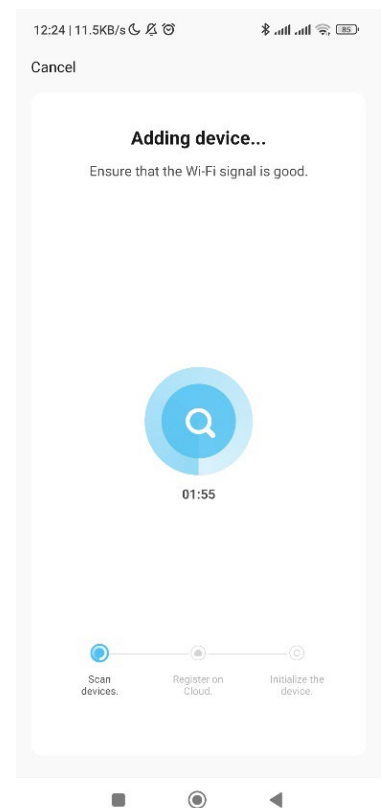
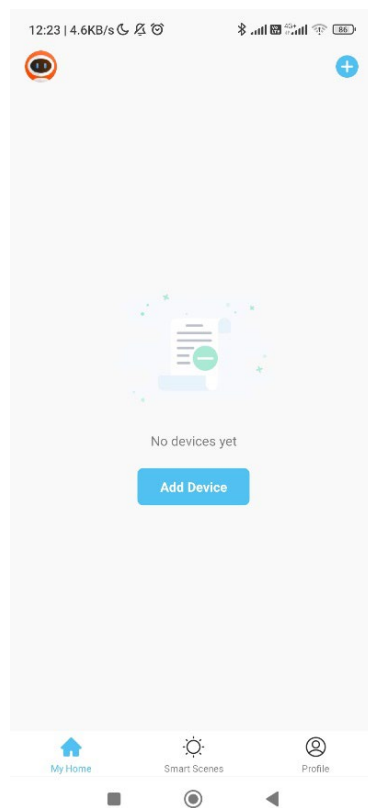
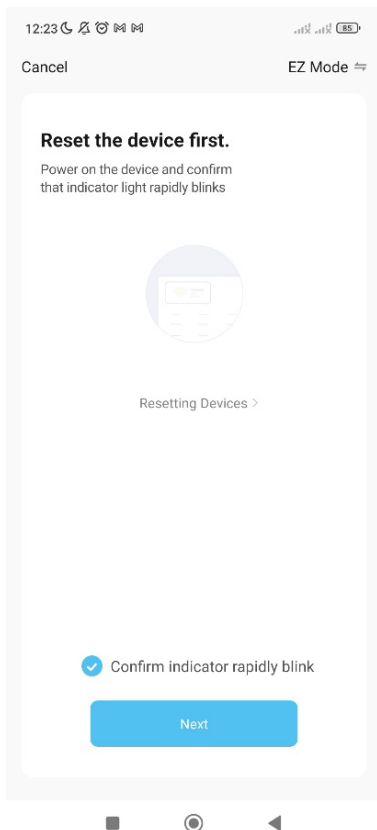
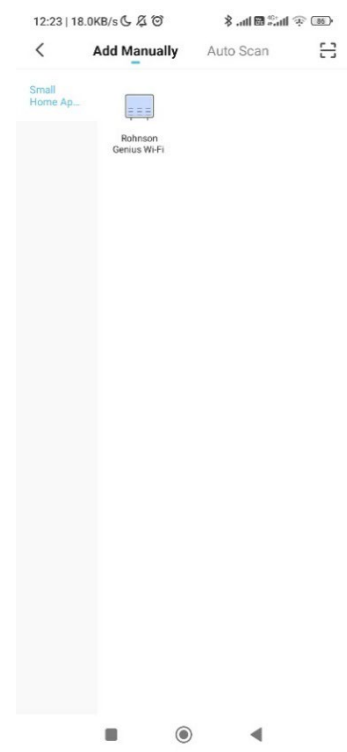
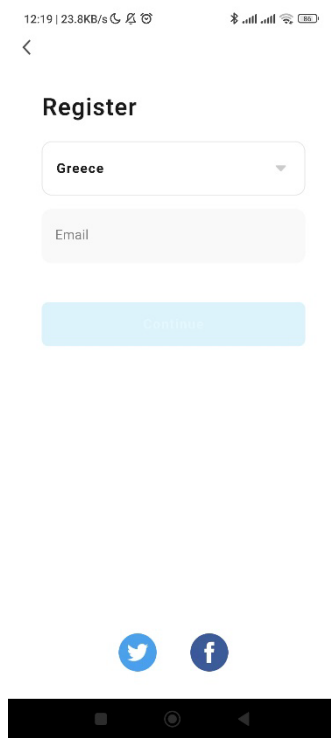
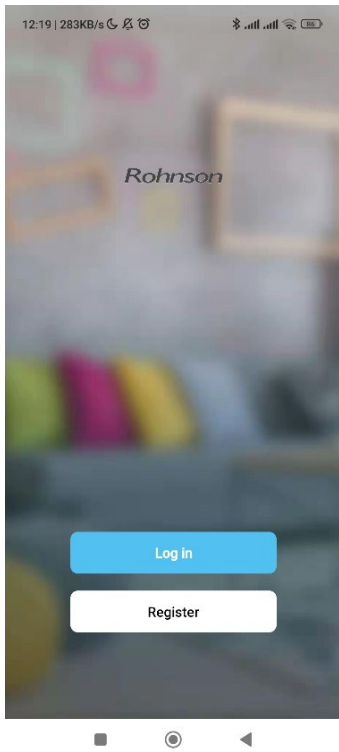
Note: When the connection is completed, the Wi-Fi icon is on, and it's always on under the standby mode

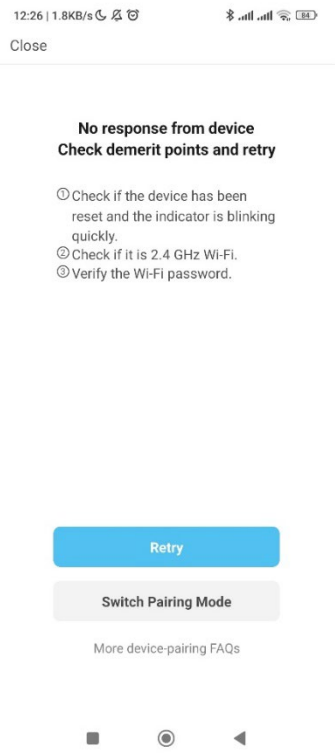
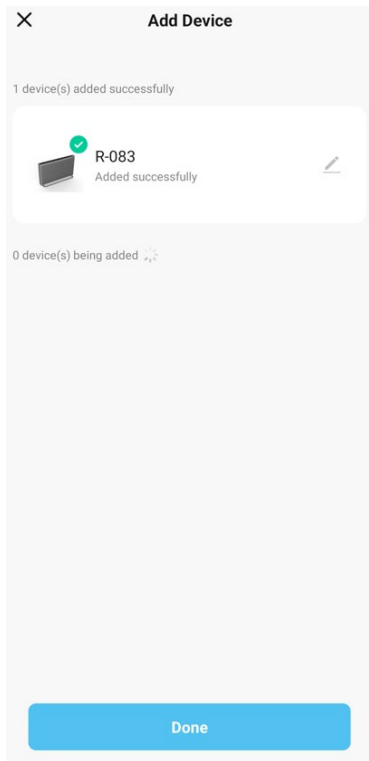
Clear the Wi-Fi login account

- In the standby or power on state, long press the mode button for 5s, the buzzer prompts for 1.5 seconds, and the Wi-Fi connection login account is cleared.

NOTE:

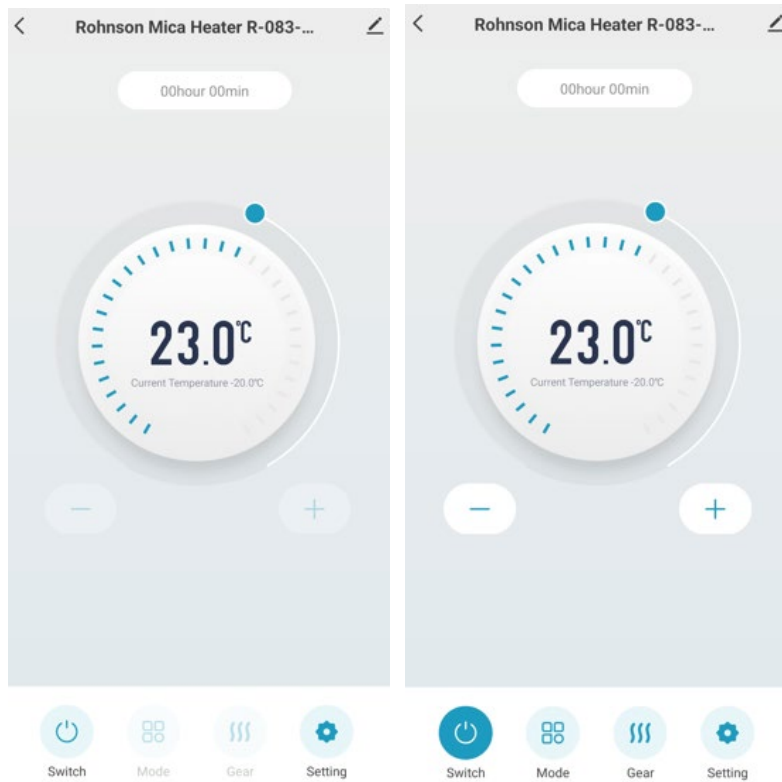
In the Wi-Fi mode, when the heater works for 24 hours continuously, it will be forced to turn off, and it needs to be restarted manually.





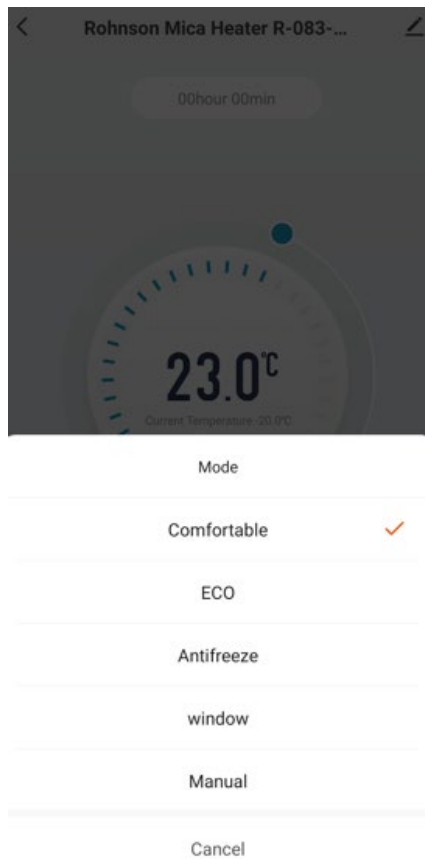
The product will be added successfully.

In case you see this message, please check the three possible reasons and retry.

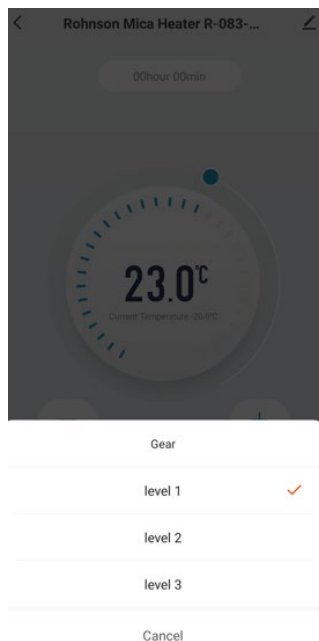


Now, the unit is off. Press the on/off **“Switch”** to turn the unit on. Then, the unit is on. You can adjust your desired temperature from 5-36°C. Once you turn on the heater, the default setting temperature is 25°C.

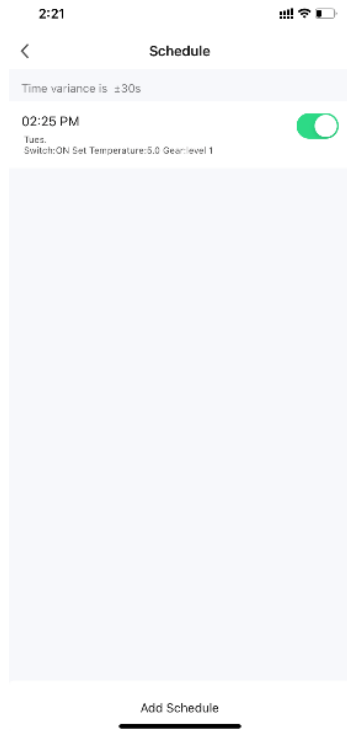
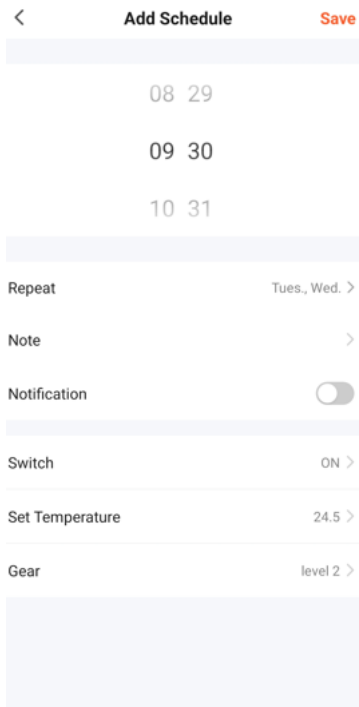
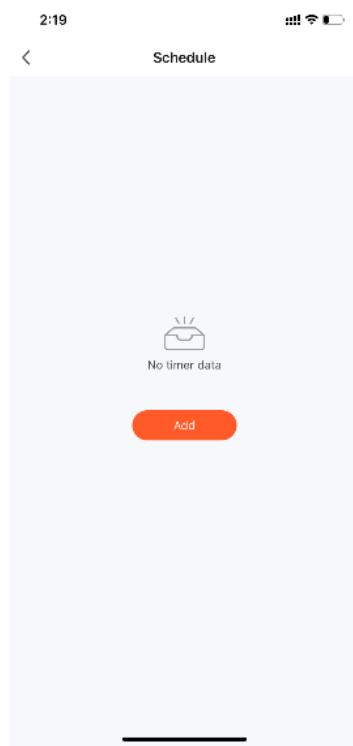
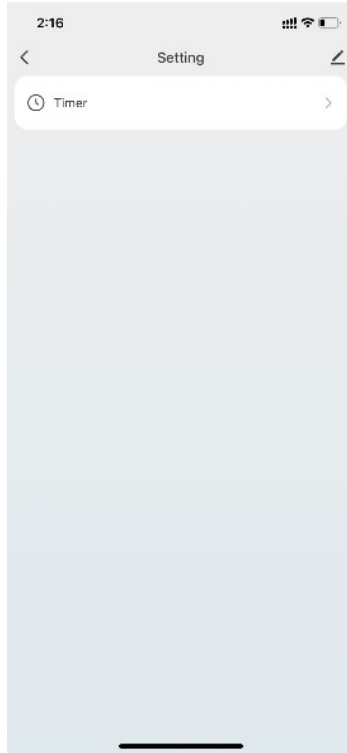
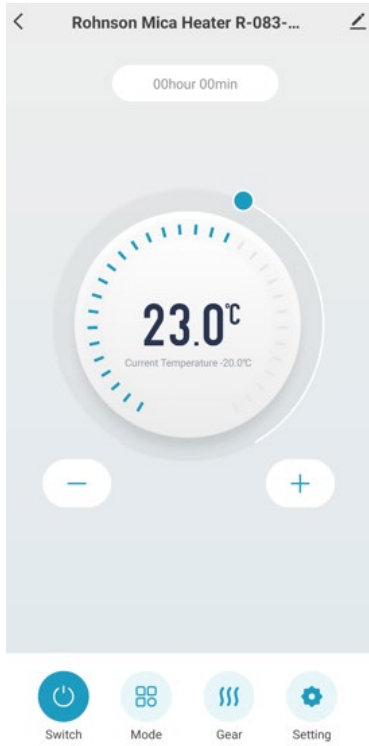
Select **“Mode”** to set your desired mode. You can select among Comfort / ECO / Anti-frost / Open window / manual mode

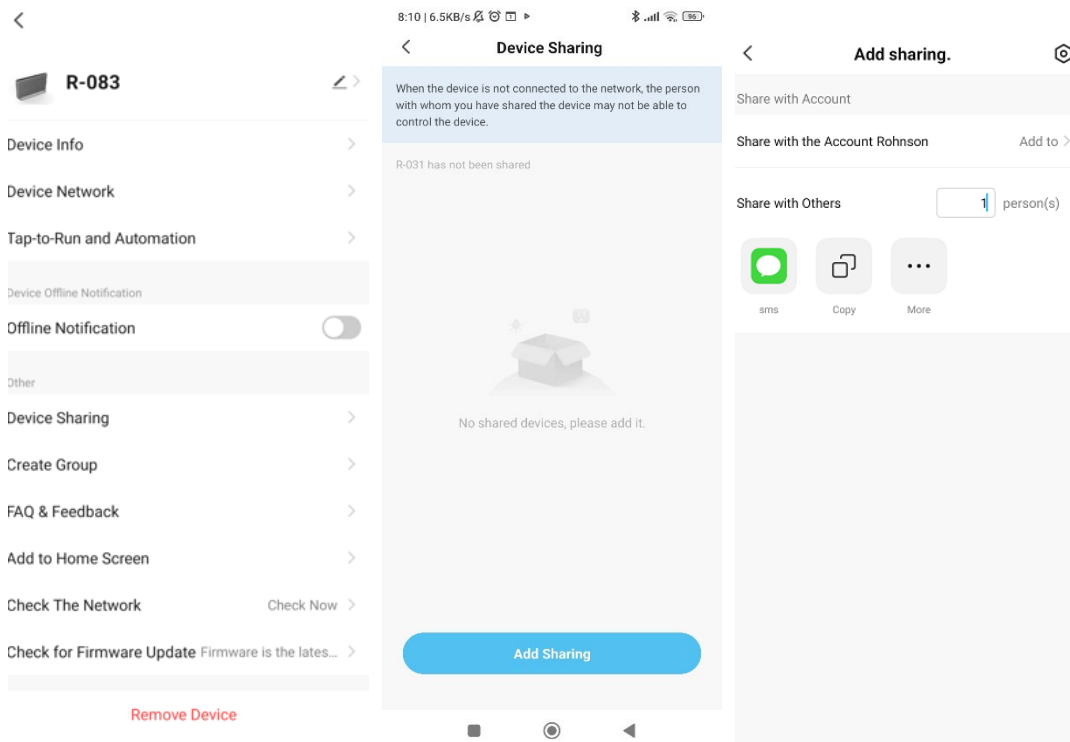



Select **Gear** to set your desired heating power. You can select between level 1 (low) 1000W / and level 2 (medium) 1400W / level 3 (high) 2400W



Select **Setting** button and select the timer to set your own schedule. You can choose your desired time to turn on / off the unit, the desired days, temperature, power.





Select  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 center or to a dealer providing this service. Disposing of a household appliance separately avoids possible negative consequences for the environment and health, deriving from 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 requirement for the electric local space heaters

Model identifier(s):R-083					
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}	2.327	kW	manual heat charge control, with integrated thermostat	No
Minimum heat output (indicative)	P _{min}	1.100	kW	manual heat charge control with room and/or outdoor temperature feedback	No
Maximum continuous heat output	P _{max,c}	2.327	kW	electronic heat charge control with room and/or outdoor temperature feedback	No
Auxiliary electricity consumption			fan assisted heat output		No
At nominal heat output	e _{lmax}	N/A	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	e _{lmin}	N/A	kW	single stage heat output and no room temperature control	No
In standby mode	e _{lSB}	0.00035	kW	Two or more manual stages, no room temperature control	No
				with mechanic thermostat room temperature control	No
				with electronic room temperature control	Yes
				electronic room temperature control plus day timer	No
				electronic room temperature control plus week timer	No
				Other control options (multiple selections possible)	No
				room temperature control, with presence detection	No
				room temperature control, with open window detection	No
				with distance control option	No
				with adaptive start control	No
				with working time limitation	No
				with black bulb sensor	No
Contact details	Vassilias S.A., 8 Keletseki Str. 11145, Athens				