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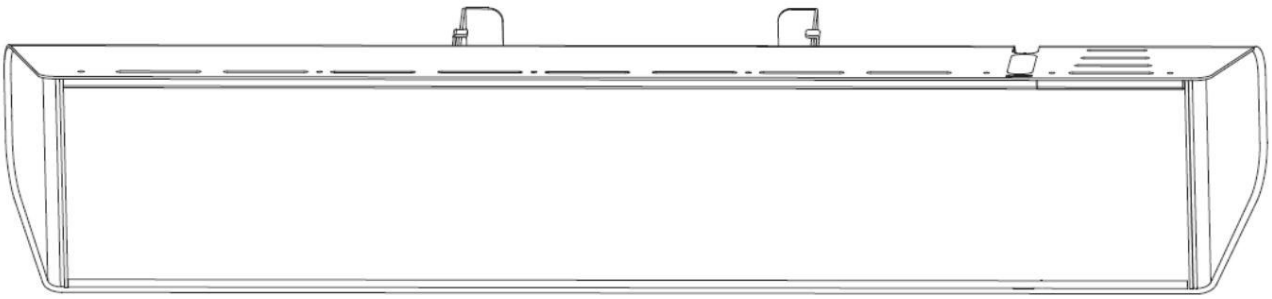
ÿ **Version: 2021-09-13**

Infrared heater

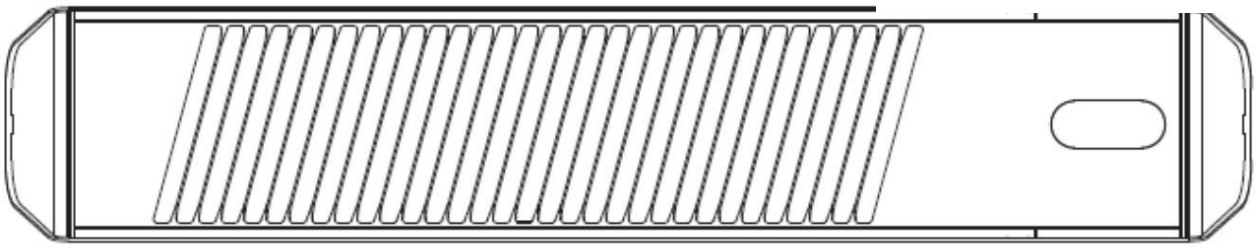
HOT-GLASS-BLACK-2000 WIFI

HOT-IRA-INOX-2000 WIFI

User manual



HOT-GLASS-BLACK-2000 WIFI



HOT-IRA-INOX-2000 WIFI

SINED

The photo is indicative only, the real device may appear slightly different in color.

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IMPORTANT INFORMATION

Read the operating instructions carefully before installing and using the infrared heater.
This user manual contains important information on your safety as well as some recommendations on the correct use of the appliance and its maintenance.
Keep the operating manual together with the warranty certificate, sales receipt and, if possible, the carton and packing material.
The purchased infrared lamp may differ somewhat from the one described in the manual, but this does not affect how it is used and how it works.
Important precautions and instructions provided in this manual do not include all possible modes and situations that may be encountered. It is necessary to understand that common sense, prudence and attention are the factors that cannot be "integrated" in any product.

SAFETY INSTRUCTIONS

• Read the instructions before installation and use. There are certain precautions to be observed when using the infrared heater. Improper operation without observing the precautions can cause harm to the health of the user and others, as well as damage to their property. • Installation and electrical connection must be carried out by a qualified electrician. • Use only the voltage indicated on the heater nameplate. • Connect the appliance only to a correctly installed socket with earth contact. • The heater must be connected to the mains equipped with a 2-pole automatic switch. • It is highly recommended to use a 30mA RCD. • The unit must be handled with care and avoid vibrations or shocks. • Do not use this appliance in areas where gasoline, paint or other liquids are used or stored

flammable.

• Do not use the appliance in areas particularly exposed to explosion risks. • Do not use the appliance on a building site, greenhouse, barn or barn where there is dust flammable.

• Do not use the appliance as a sauna heater. • Do not use this unit in the place where animals breed or grow. • WARNING: To avoid burns, do not touch the surface of the appliance with your hands and other parts of the body. • Do not place any clothing, towels or the like on top of the heater to dry. Risk of overheating and fire

• Do not leave the heater unattended during use.

• Do not use this heater on a wet surface, or where it can fall or be pushed into water. • Do not touch an appliance that has fallen into water. Turn off the power and disconnect the plug immediately. • If the power cord is damaged, it must be replaced by the manufacturer, its service agent or by equally qualified persons to avoid a danger.

• If the heater is defective, it must be checked and repaired by the manufacturer, its service agent or similarly qualified persons to avoid danger.

• ATTENTION: The heater must not be used if the glass panels are damaged. • Do not use the appliance with wet hands. • 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. • Do not use abrasive cleaning products on this appliance. Clean with a damp (not wet) cloth rinsed with warm soapy water only. Always remove the plug from the mains before cleaning.

• The heater must be installed at least 2.2m above the floor when the heater is mounted a

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wall.

• The heater must not be located immediately under a power outlet. The power outlet must not be located on the back of the heater. They should be located outside the physical footprint of the units to minimize heat build-up behind the heater. The installation must be equipped with an all-pole disconnection mechanism with a contact distance of at least 3 mm. The all-pole disconnect mechanism must be installed less than 1.8m above the floor.

• The heater must be installed so that switches and other controls cannot be touched by a person in the bath or shower.

• Do not connect the appliance to the power source until it has been installed in its final position and adjusted to the position in which it will be used. • Do not operate with the coiled cord as this may cause a build-up of heat, which could be a hazard.

-The use of an extension cord with this appliance is not recommended. • Do not allow the cord to come into contact with heated surfaces during operation.

-Do not run the power cord under carpets, rugs, runners, etc. Route the cord away from areas where it could trip over. • Children under the age of 3 should be kept away, unless they are continuously

supervised.

• Children between the ages of 3 and 8 must turn the appliance on and off only on condition that it has been positioned or installed in the intended normal operating position and that they have received supervision or instructions on how to use the appliance safely and understand the dangers involved. Children aged 3 and under 8 must not plug in, adjust and clean the appliance or perform user maintenance. • This appliance can be used by children aged 8 and over and by people with reduced physical, sensory or mental abilities or with little experience and knowledge, if they have received supervision or instructions on how to use the appliance safely and understand it. the dangers. Children must not play with the appliance. Cleaning and maintenance of the appliance must not be carried out by unsupervised children. • The appliance is only intended for the purpose described in the instructions for use. • Do not use the appliance or any part of the appliance outside of the intended use to avoid risks. • The use of accessories not recommended or sold by the manufacturer of the unit may create a risk of

personal injury.

• WARNING: Parts of this product can become very hot and cause burns. Particular attention must be paid to children and vulnerable people.

• ATTENTION: This heater is not equipped with a device for controlling the room temperature. Do not use this heater in small rooms when occupied by people who are unable to leave the room alone, unless constant supervision is provided.

•

Specific

Model no.	HOT-GLASS-BLACK-2000	HOT-IRA-INOX-2000
	W20A12GR-LG	W20A12MR-LG
Voltage	230-240V ~, 50-60Hz	230-240V ~, 50-60Hz
Wattage (W)	2000	2000
Installation	Wall or ceiling mounting 742 *	Wall or ceiling mounting
Product size (mm)	110 * 139	742 * 110 * 139
Isolation	Class I	Class I
Water proof	IP65	IP65

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2 Installation

These heaters are specifically designed for installation and use in outdoor environments such as verandas, terraces, patios, courtyards, porches, gazebos and dehors.

2.1 Safety distances required for wall mounting ÿ Attention: The appliance must only be operated in a horizontal position with a slope maximum of ± 5 °.

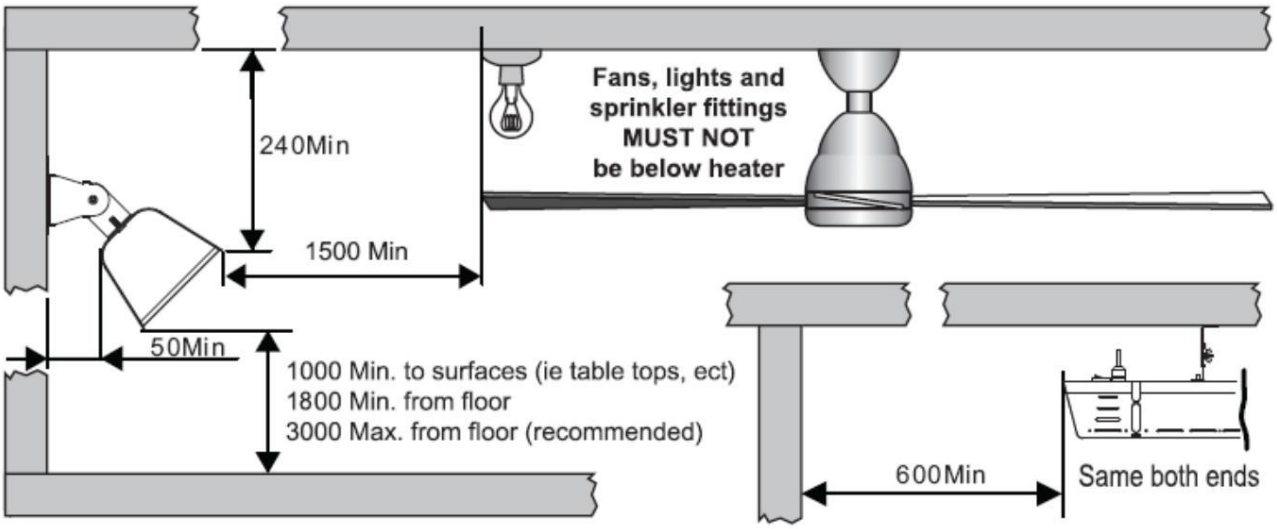
ÿ Never install the appliance on a flammable surface (plastic, nylon, cardboard, etc.). ÿ Install the device with a minimum distance of

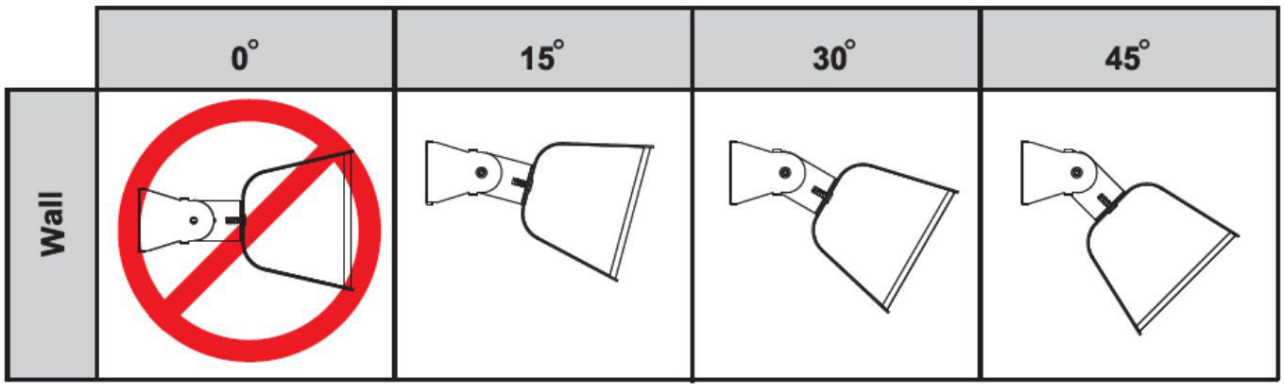
- **2.2 m above the ground**

• 0.5 m from the walls • 0.2 m from the ceiling

- **1.5m from fuels such as curtains 1m**
- **from people or animals**

Unit: (mm)





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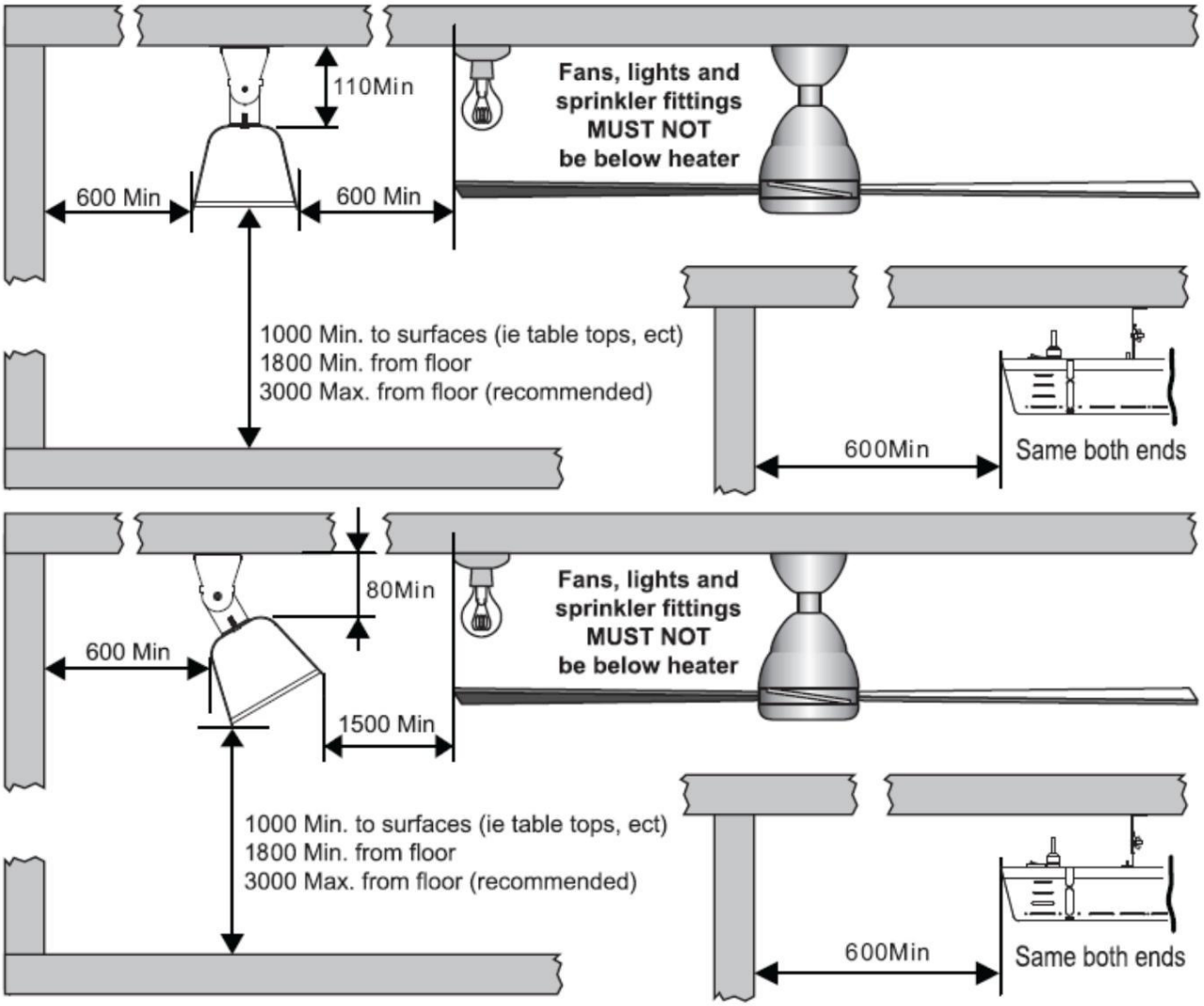
2.2 Safety distances required for ceiling installation.



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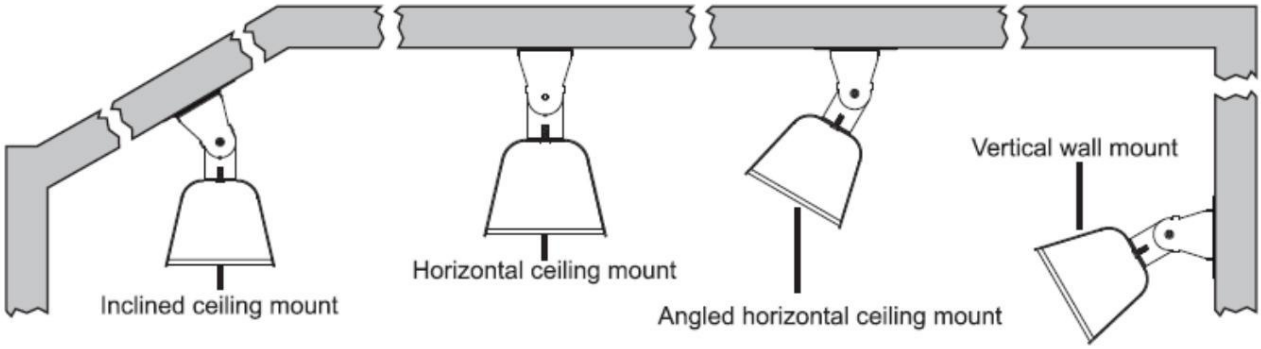

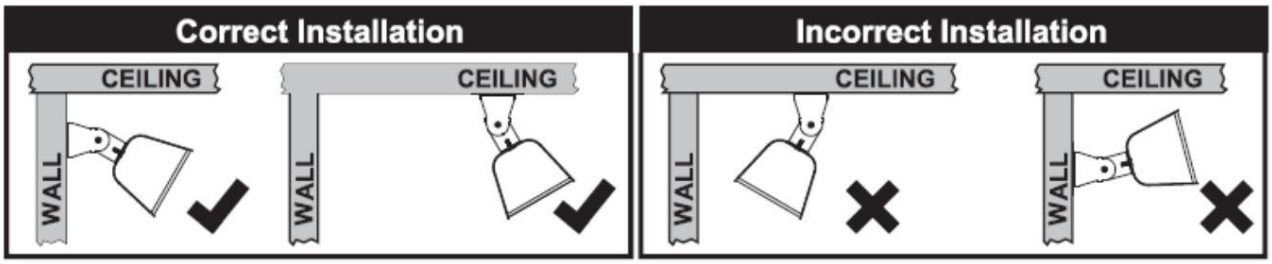

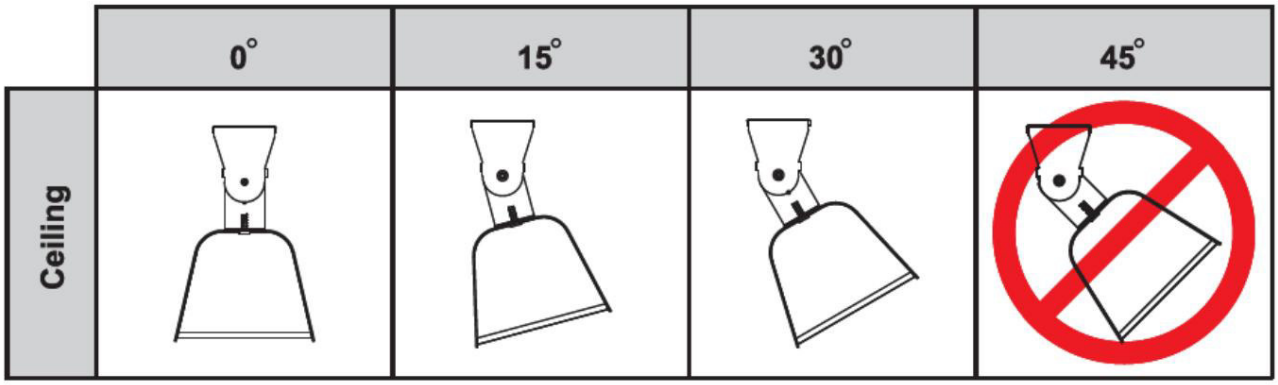

2.3 Installation for wall and ceiling mounting:

2.3.1 Install the fixing bracket to the wall or ceiling, with 4 ST5 x 35mm screws (not supplied) and 4 anchors plastic (not supplied);

2.3.2 Select the desired angle, Insert the slot of the adjustable bracket, on the stop of the bracket fastening;

2.3.3 Lock the fixing bracket and the adjustable bracket with 2 M6x16 Philips Bolt screws and wing nut;

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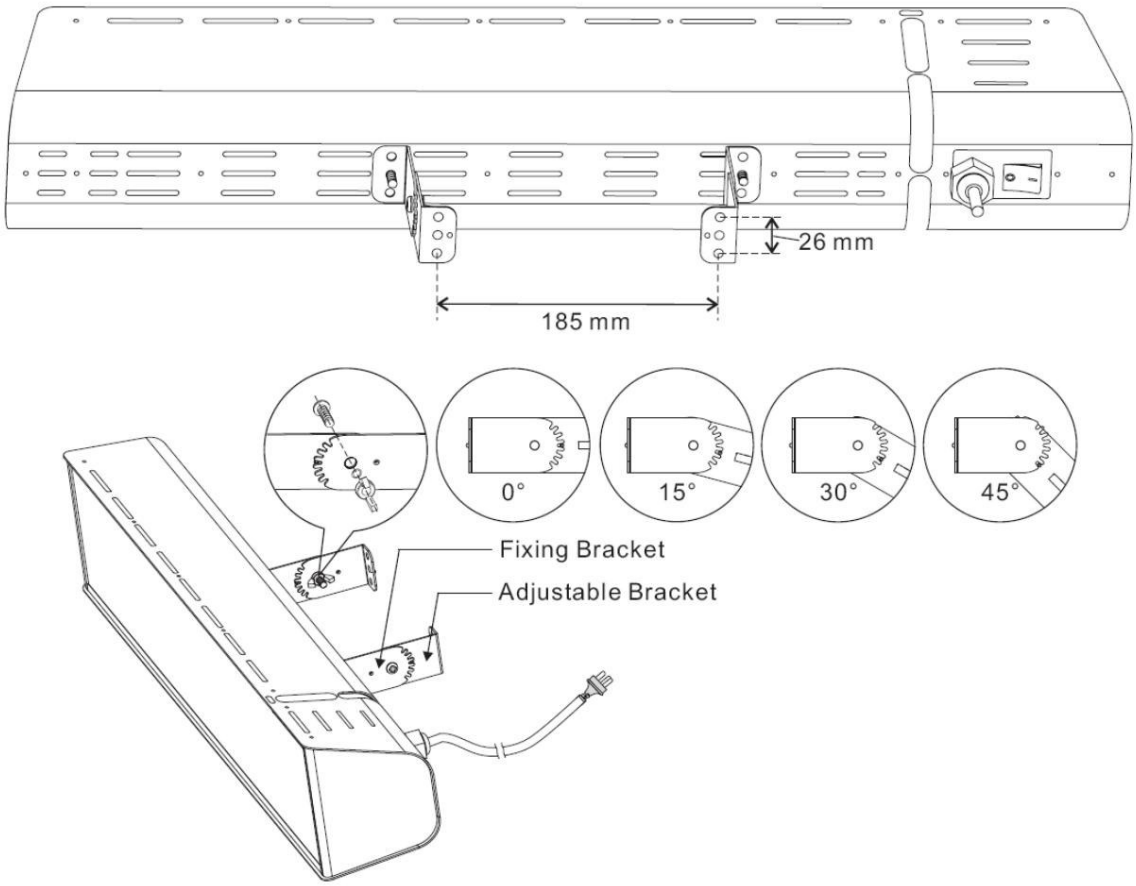
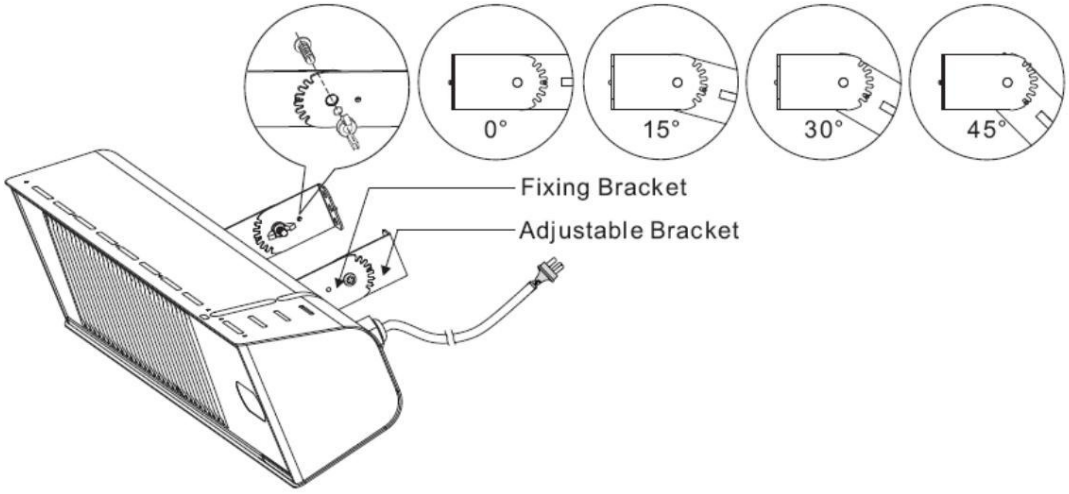


HOT-IRA-INOX-2000 W20A12MR-LG



NOTE:

ÿ **Depending on the material and design of the structural elements of the ceiling or wall, the heater must be fixed with the correct fasteners. The weight of the heater can be up to 5.5 kg. Kg, the installation site must be able to support 5 times the weight of the heater.**

ÿ **It is the responsibility of the installer to choose the correct wall or ceiling fixing.**

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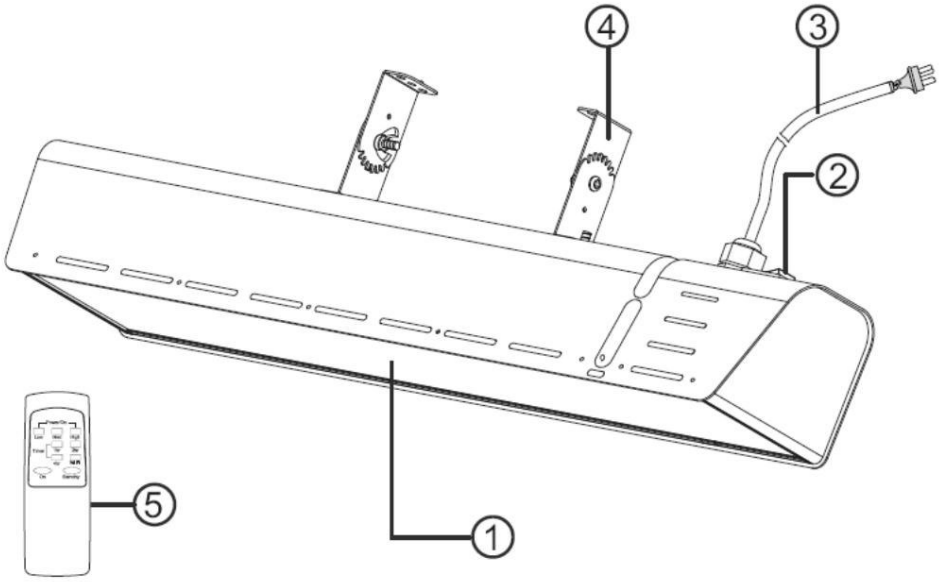
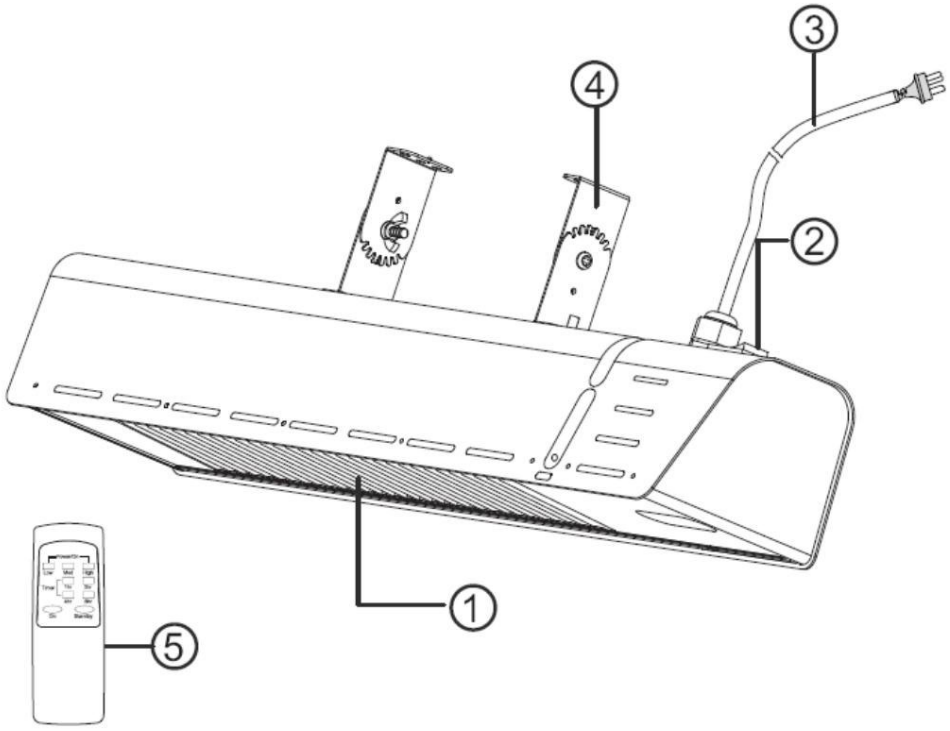
3.. How to operate
Instructions for operation:

HOT-GLASS-BLACK-2000 W20A12GR-LG



ÿ Black ceramic glass panel ÿ ON /
OFF main power switch ÿ Power cable ÿ Brackets
for wall or ceiling mounting ÿ Infrared remote
control

HOT-IRA-INOX-2000 W20A12MR-LG



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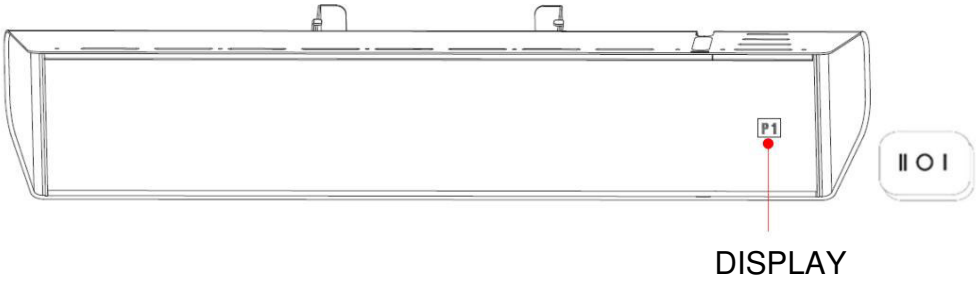
ÿ Front panel with aluminum grille ÿ ON / OFF main power switch ÿ Power cable ÿ Brackets for wall or ceiling mounting ÿ Infrared remote control

ÿ The distance between the heater and the remote control must be less than 3 meters and the remote control must be pointed directly at the receiver.

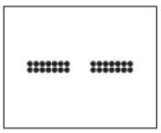
ÿ ATTENTION! The receiver is located near the viewing area and cannot be seen with the naked eye.



ÿ Connect the heater to a 230-240V ~ 50-60Hz power socket. Set the switch a rocker in position I: the heater starts operating. Attention: The remote control cannot operate the heater at this stage.

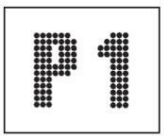
ÿ Insert 2 AAA batteries not included into the infrared remote control. Place the rocker switch to position O: the heater is off.

ÿ Connect the heater to a 230-240V ~ 50-60Hz power socket. Set the switch to rocker in position II, the heater will start in Standby mode, at this time the symbol "- - "will flash to indicate that the unit is in standby mode.

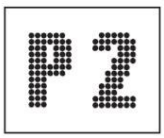


ÿ Press the "ON" KEY on the remote control, the heater start works at high power (P3);

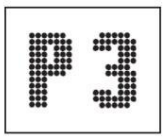
Press the "LOW", "MED" and "HIGH" buttons on the remote control, the heater works with the settings of power LOW and MED, HIGH, and the symbol "P1" "P2" "P3" will be indicated on the display area.



(bottom settingÿ



(MED settingÿ



(HIGH settingÿ

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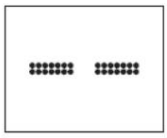
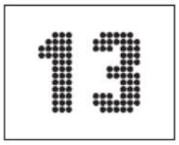
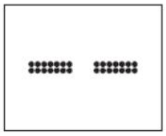
P1: 33% of the rated power;
P2: 66% of the rated power
P3: 100% of the rated power

- **TIMER FUNCTION.**
- **The heater is equipped with a programmable timer which automatically puts the heater in Standby mode after 1, 2, 3, 4 ... max. 13 hours of operation.**
  To activate the timer, point the remote control directly at the receiver and press the "1 hr" button , "01" will be indicated on the display area as shown below. this will trip the ad heater automatically go into Standby mode after 1 hour of operation. Once in Standby mode, the "- -" symbol will flash.



To set the 13 hour timer, point the remote control directly at the receiver and then press 1 2 4 6 on the remote control, "13" will be indicated on the display area. This will cause the heater to automatically enter Standby mode after 13 hours of operation. Once in Standby mode, the "- -" symbol will flash.

ATTENTION:

1, During the timer running time, the number on the display shows the remaining time.
Fox example, the 13 hour timer is activated, the display shows "11" after 2 hours of operation;
2, During the timer running time, the display will alternately show the working power and the remaining timer;

- **Disable or reschedule the timer.**
  If the timer is activated, by pressing the same button the second time, the timer is reprogrammed or disabled.

Example 1. After activating the 13-hour timer by pressing button "1" "2" "4" "6", then by pressing button "1" the timer will be reprogrammed to (13-1) = 12 hours, by pressing successively button "2" the timer will be reprogrammed to (13-2) = 11 hours. Pressing several others keys in sequence, the timer can be reset to 0, the heater enters Standby mode and the "- -" symbol flashes.

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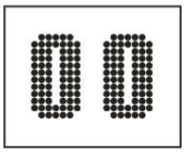
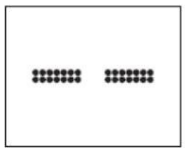
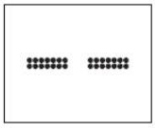
Example 2, a 6-hour timer is set by pressing the "2" "4" button. Press button "2", the timer is set to 6-2 = 4 hours, press button "4" immediately after, the timer is set to 0, the heater goes into standby mode and the symbol "- -" flashes.





ÿ **ATTENTION: There is a built-in safety feature which will automatically trigger the heater to go into standby mode after eight hours of continuous operation, if the timer is not activated.**
At this time the "- -" symbol will flash to indicate that the unit is in standby mode.



4. 4. Cleaning:

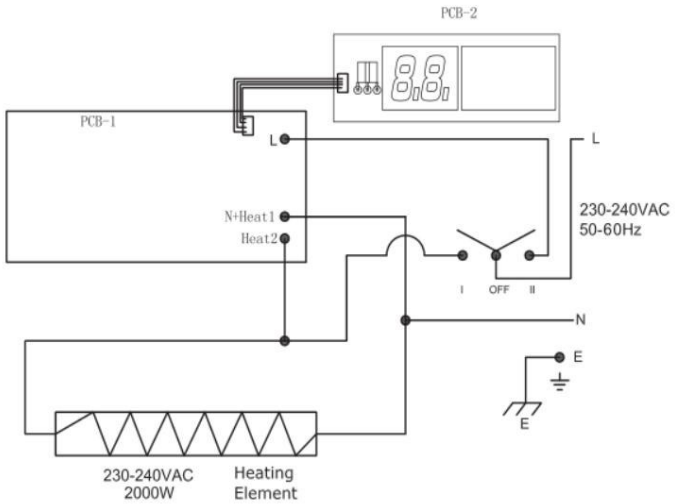
ÿ **Disconnect the appliance from the power supply;** ÿ **After the appliance has cooled down, the case can be dried;** ÿ **Do not touch the bulb element with your fingers as this could cause bubbles spots.**

ÿ **The reflector should be cleaned regularly by professionals.** ÿ **Do not use abrasive or caustic cleaning agents!** ÿ **Never immerse the appliance in water! Death danger!**

5. 5. Maintenance

Any maintenance or repairs, including replacement of the bulb element, should only be performed by a qualified electrician.

Wiring diagram



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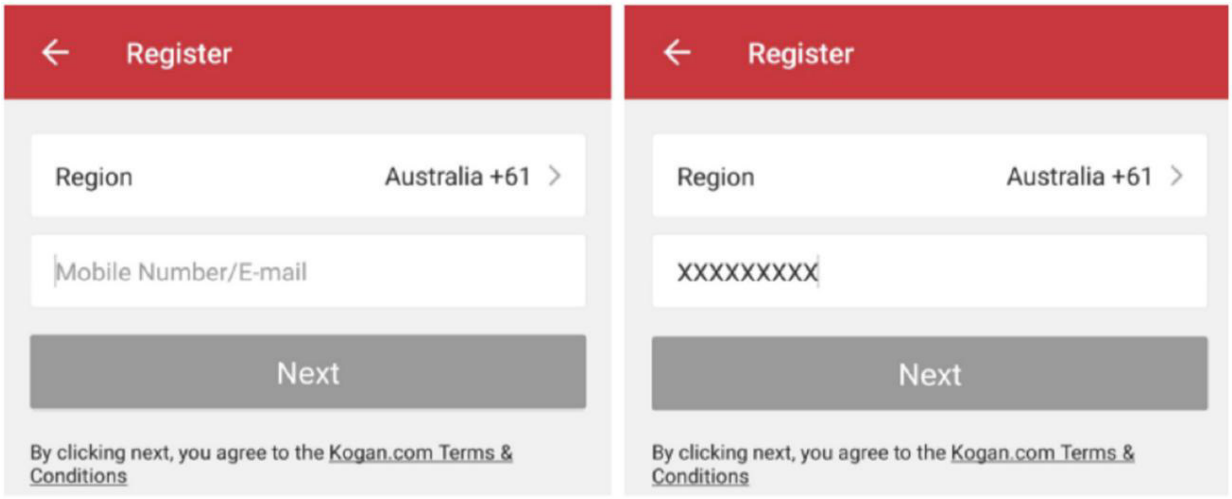
Connect the smartphone to the heater

TUJA WIFI APP

ÿ **Download the "TuyaSmart" or "Smart Lift" and follow the steps below to connect the heater App with the App.**

ÿ **The system automatically recognizes your country / area. You can also manually select your country code. Enter your mobile number / email address and tap "Next"**

ÿ **If you choose the mobile number option, enter the verification code in the message sent via SMS. Set a password as required and press "Confirm" to complete the registration.**



ÿ **Activate the BLUETOOTH device on the smartphone**

ÿ **Set the permission for the location in the APP setting. The interface of ISO or Android will be a little difference. The process shown below is for ISO.**

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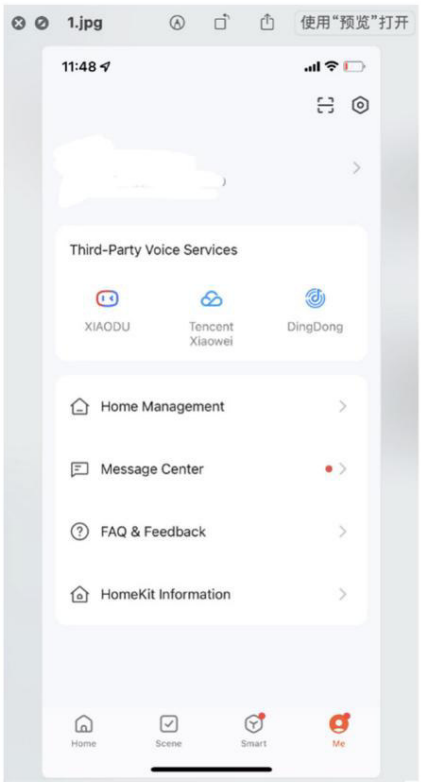

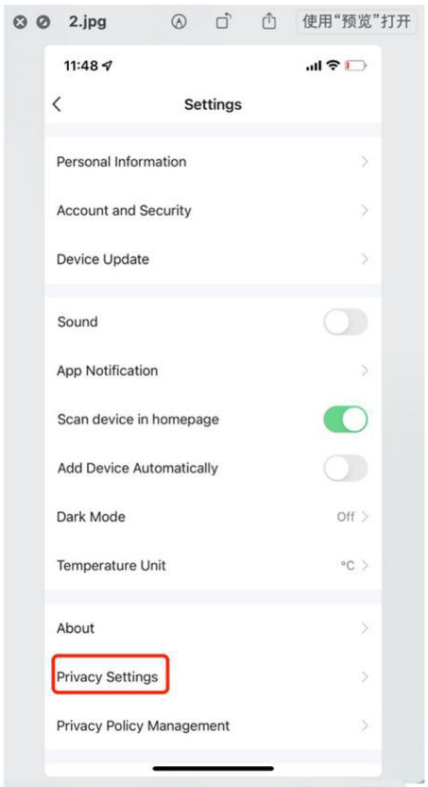

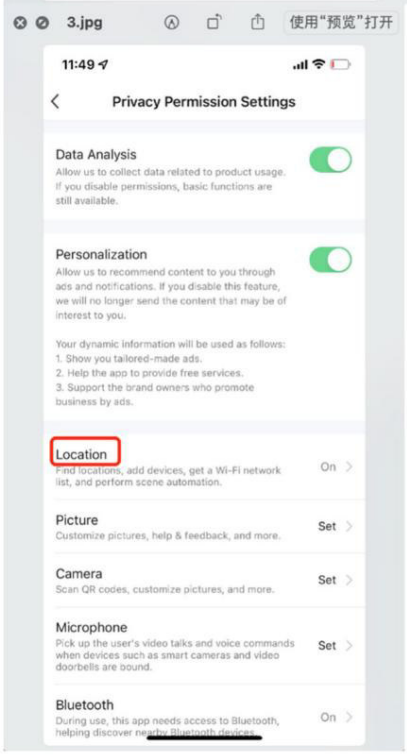

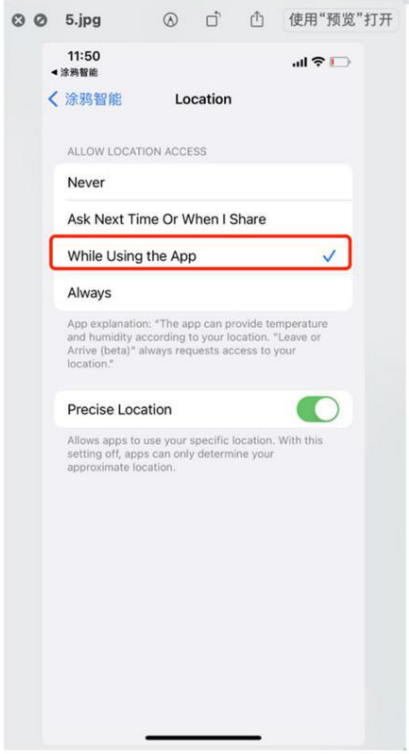

ÿ **Press the "WIFI" button on the remote control 5 seconds, it will reset the unit to the WIFI ready for connection with smartphone.**

The "FI" symbol will flash and the unit will enter pairing mode, which will last in two minutes.

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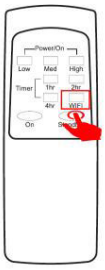
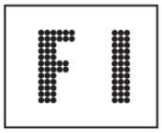
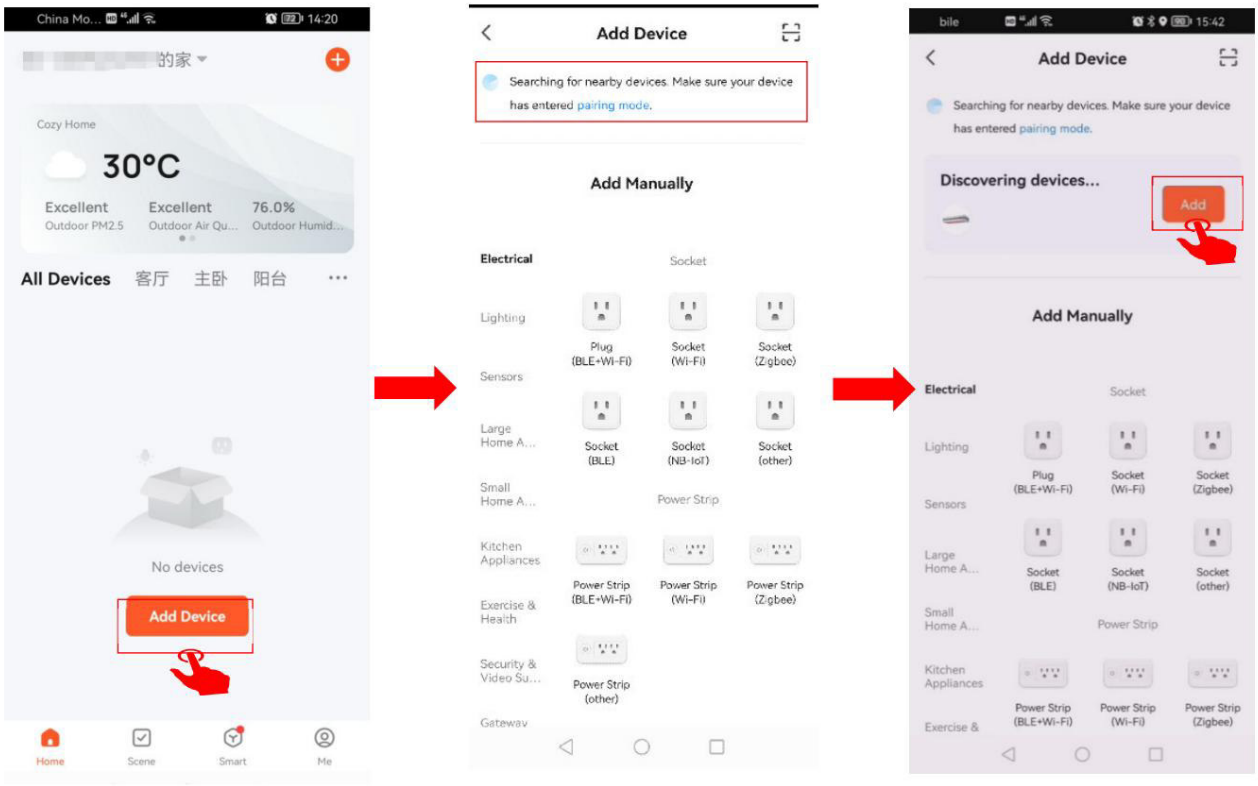




ÿ Open the **"TuyaSmart" APP** **or "Smart Lift"** **, Press Add Device, APP will Search nearby devices automatically.**



select 2.4 GHz Wi-Fi only, enter your username and password and click the NEXT button

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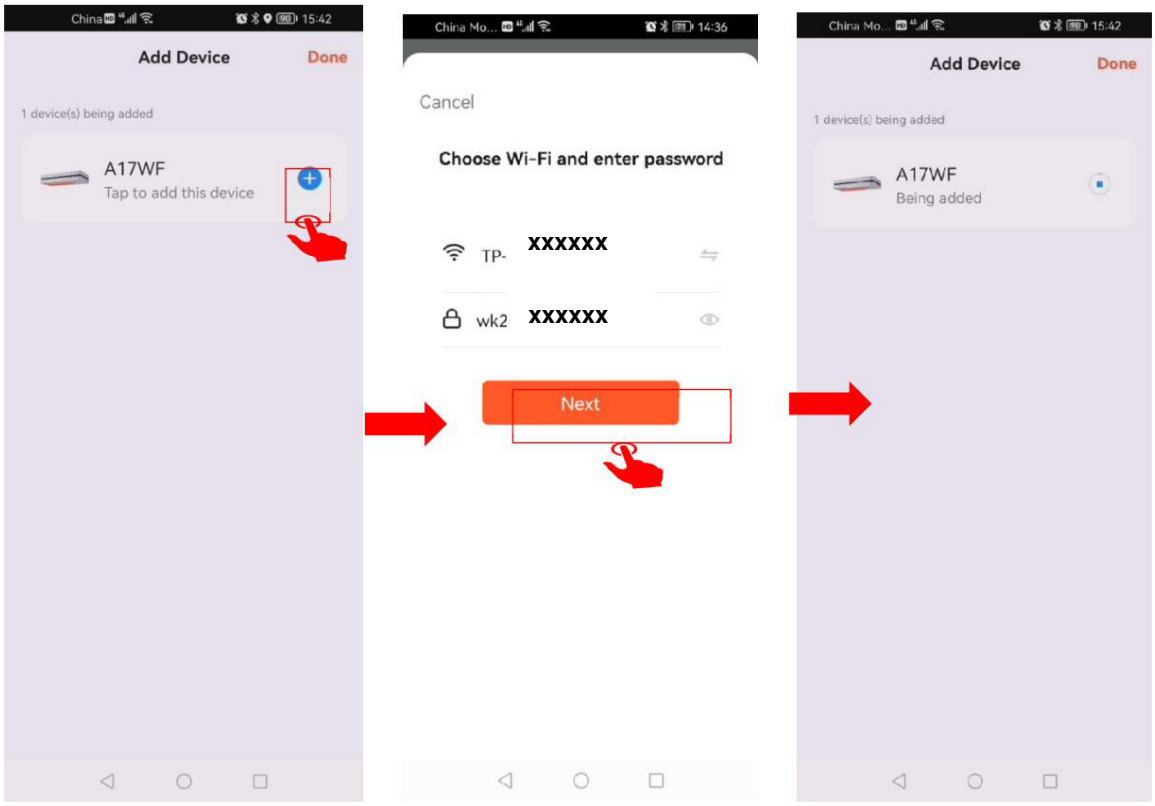
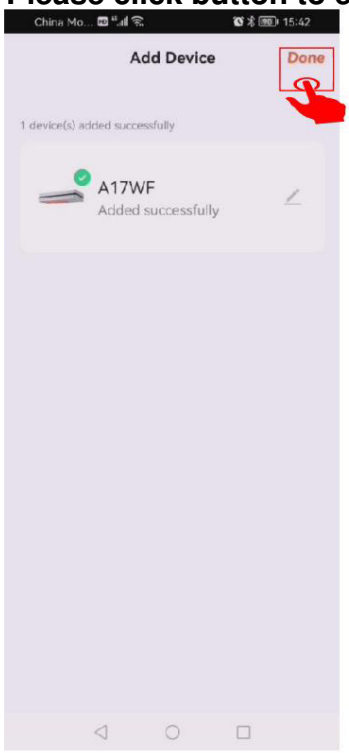


Please click button to enter the operation interface.



CAUSION

- **When the heater is connected with a smartphone and no further operation indicated on , the "FI" symbol will be the display without blinking.**
- **If the connection failed, please check the WIFI signal is strong or not. The heater e the smartphone should be close to the WIFI router as close as possible.**
- **Please reset or turn on the WIFI, Press the "WIFI" button on the remote control 5 seconds, it will reset the unit to the WIFI ready for connection with the smartphone.**

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3.3.2 Operation on the APP

ÿ **Click the "Switch" icon, it will set the heater to full power and the symbol will be displayed "P5".**

ÿ Click the "GEAR" icon, it will set the heater in different power levels.

ÿ **Level1: 33% of the rated power and P1 will be displayed.** ÿ **Level 2: 50% of the rated power and P2 will be displayed**

ÿ **Level 3: 66% of the rated power and P3 will be displayed.**

ÿ **Level 4: 80% of the rated power and P4 will be displayed. Level 5: 100% of the rated power and it will come P5 is displayed.**

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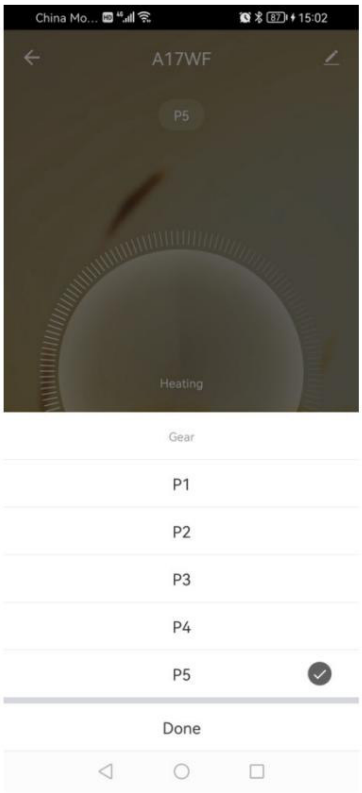
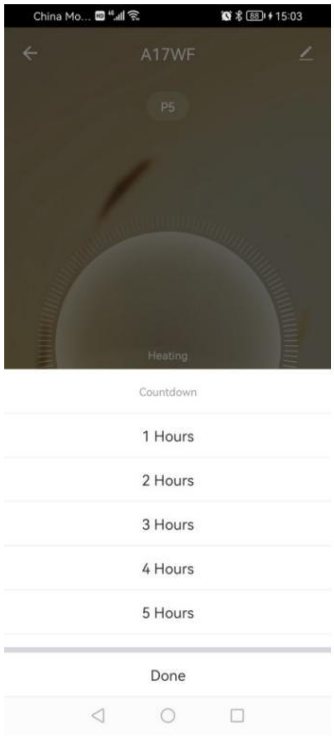


ÿ **Click the "countdown timer" icon, select the desired timer from 1 hour to a maximum of 13 hours and the corresponding number will be shown on the display. Click the "Cancel" icon to cancel the set timer.**



ATTENTION: the set power level and the remaining timer will be shown on the display in sequence.

The unit will be in standby mode.

ATTENTION: There is a built-in safety feature that will automatically activate the heater to go into standby mode after eight hours of continuous operation, if the timer is not activated.

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3.3.3 Reset or activate WIFI.

Press the "WIFI" button on the remote control for 5 seconds, it will restore the unit to STANDBY MODE, ready for connection with the smartphone.

ATTENTION: after resetting the unit, the connected smartphone will be removed from the modular WIFI. Please reconnect the smartphone with the unit according to the instructions.

3.3.4 Operate the unit with REMOTE

Connect the heater to a 230-240V ~ 50-60Hz socket. Set the rocker switch to position II, the heater will start in Standby mode.

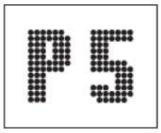
CAUTION:

Regardless of whether the heater is connected to a smartphone or not, the remote control can operate the device.

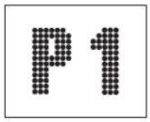
The distance between the heater and the remote control must be less than 3 meters and the remote control must aim directly to the receiver.

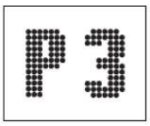
ÿ **P OWER SETTING**

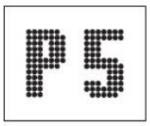
Press the "ON" key on the remote control, the heater starts working at high power (P5);



Press "LOW", "MED" and "HIGH" on the remote control, the heater works at LOW and MED, the HIGH power setting and the symbol "P1" "P3" "P5" will be indicated in the display area.







P1: 33% of the rated power; Level 1 (Bass)
P3: 66% of the rated power; Level 3 (Med)
P5: 100% of the rated power Level 5 (High)

ÿ **SETTING THE TIMER.**

ÿ **The heater comes with a programmable timer that will automatically place the heater in Standby mode after 1, 2, 3, 4 ... max. 7 hours of operation.**
To activate the timer, point the remote control directly at the receiver and press the "1 hour" button, "01" will be indicated in the display area as shown below. this will activate the heater to automatically enter Standby mode after 1 hour of operation.

To set the 7 hour timer, point the remote control directly at the receiver and then press 1 2 4 on the remote control, "7" will be indicated in the display area. This will activate the heater to automatically go into Standby mode after 7 hours of operation.

CAUTION:

1, During the running time of the timer, the number on the display shows the remaining time. Fox example, the 7 hour timer is activated, the display will show "5" after 2 hours of running; 2, The set power level and remaining timer will be shown on the display in sequence. The unit will be in standby mode if the timer is over, an FI will be indicated on the display .;

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ÿ **Disable or reschedule the timer.**
If the timer is activated, repeatedly pressing the button will reschedule or disable the timer.

Example 1. After activating the 7 hour timer by pressing button "1" "2" "4", pressing "1" at the 2nd time will reprogram the timer to (7-1) = 6 hours, Pressing button "2" thereafter, the timer will be rescheduled to (6-2) = 4 hours. By pressing several other keys in sequence, the timer can be canceled and the heater enters the set power.

Example 2, a 6 hour timer is set by pressing button "2" "4". Press button "2", the timer is set to 6-2 = 4 hours, press button "4" straight afterwards, the timer is set to 0, By pressing several other keys in sequence, the timer can be canceled and the heater enters the set power

ATTENTION: There is a built-in safety feature that will automatically activate the heater to go into standby mode after eight hours of continuous operation, if the timer is not activated.

4. Cleaning:

ÿ **Disconnect the appliance from the power supply**
system; ÿ **After the appliance has cooled down, the housing can be dried;**
ÿ **Do not touch the lamp element with your fingers as smudges may accumulate from such contact.**
ÿ **The reflector should be cleaned regularly.by professionals.**
ÿ **Do not use abrasive or caustic cleaning agents!**
ÿ **Never immerse the appliance in water! Danger to life!**

5. Maintenance

Any maintenance or repairs, including replacement of the bulb element, should only be done by a qualified electrician.

Correct disposal of this product This mark

indicates that this product must not be disposed of together with other household waste throughout the EU. To avoid possible harm to the environment or human health resulting from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where you purchased the product. They can take this product for environmentally safe recycling.
Batteries must be disposed of in accordance with current regulations.

Production: FOSHAN CITY SHUNDE DISTRICT WARMTEK ELECTRICAL CO., LTD.
Address: N. 302 NINETEEN BUILDING, PHASE 3, RONGLI TIANFULAI INDUSTRIAL PARK, RONGGUI, SHUNDE, FOSHAN, GUANGDONG, CHINA

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