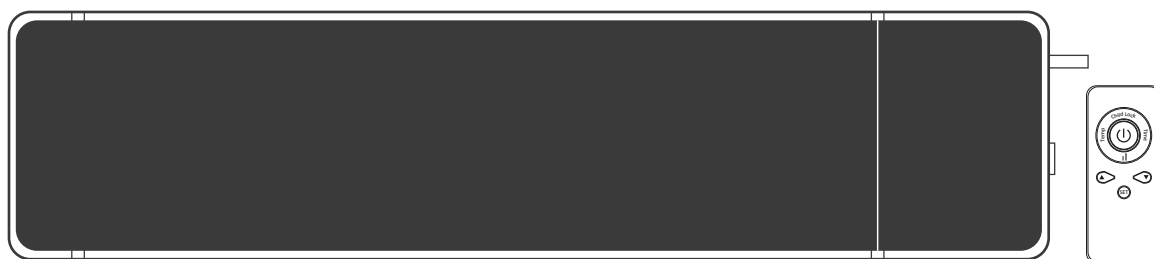


MIRRORSTONE

INFRARED HEATING

THEIA INFRARED BAR HEATER MANUAL



MS-THI-15J/MS-THI-15WB/MS-THI-24J/MS-THI-24WB

Please read instructions carefully before use.
Remote control not available with all models.



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INTRO

Please read all the instructions in this manual carefully, even if you have prior experience of using an infrared heater. This manual should be kept in a safe place for future reference.

Should you need to make any kind of warranty claim with the manufacturer, you will need to make note of the complete model number (located on the product card at the back of the heater), the date on which you received the product, and your receipt of purchase.

The various ratings listed on the product card are based on specific loading tests performed in a controlled environment. Normal usage of use with other electrical equipment may result in different ratings.

Upon switching the heater on for the first time, you may notice a distinct smell and light smog. Please be aware that this is completely normal—this is simply the protective oils used on the element to protect it during production and transport burning off. Once the heater has been on in an open environment, any smell or smog will disappear over a short period of time.

IMPORTANT SAFEGUARDS

Please abide by the following safety precautions when using the heater, in order to minimise the risk of fire, electrical shock, injury or property damage:

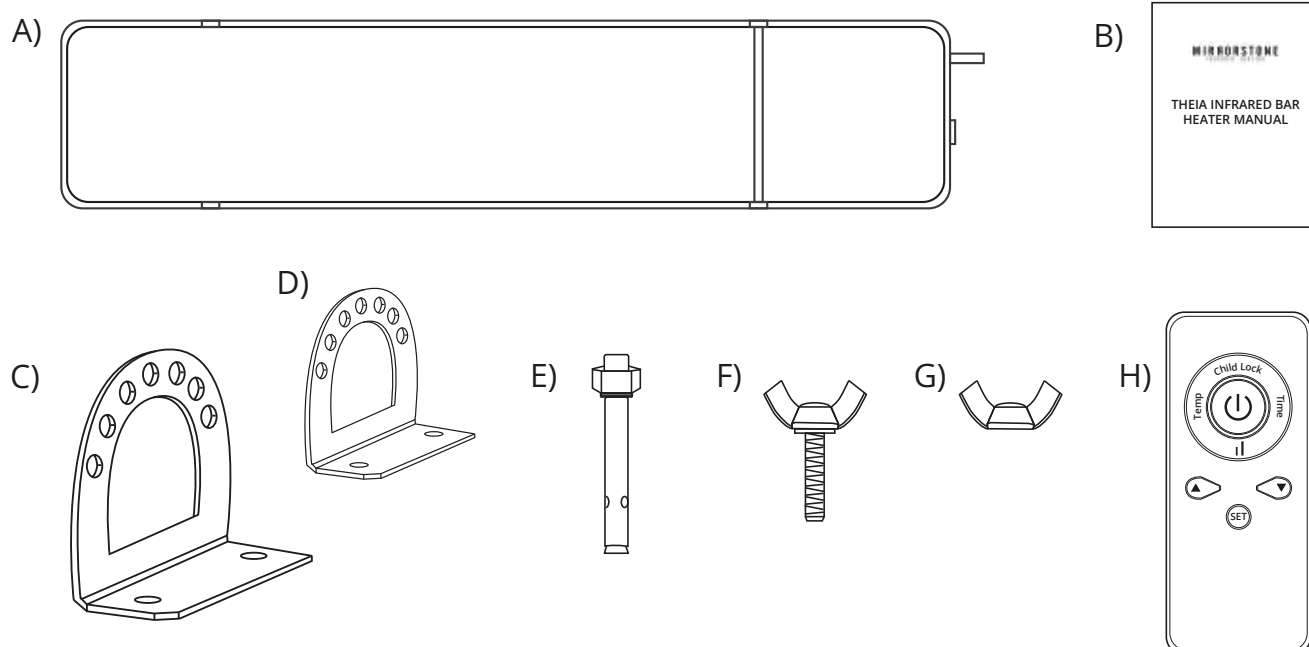
- Use only the voltage specified on the product card located at the back of the heater.
- Do not obstruct the front of the heater, or block the entry or exit of any airflow. There should be a clearance of at least 30cm around the front and sides of the heater.
- Do not use the product in close proximity to any other radiant heater source.
- Do not use the product in close proximity to gasoline, paint or any other highly flammable materials.
- Take extra care to ensure that the heater has been off for at least 1 hour before touching it with bare skin or moving it to another location.
- Keep the heater away from all kinds of liquid, ensuring that it does not become immersed in any liquid, as this could create an electrical shock.
- Do not use the heater if the plug, power cord, or connectors become damaged in any way. In the event of such an occurrence, please return the heater to a qualified electrician for examination, adjustment, service or repair.

- Do not touch the appliance with wet hands.
- The most common cause of overheating is dust or fluff deposits getting stuck in the heater.
- You can prolong the life and ensure the safety of your heater by disconnecting it regularly and vacuum cleaning the air vents and grilles.
- Ensure that the product is installed away from windows as any rain may cause an electrical shock.
- When cleaning the heater, only use a soft, damp cloth, and always ensure that the heater has been disconnected from the mains before cleaning. Do not use an abrasive cleaning cloth.
- Do not connect to the main supply until the heater has been completely installed.
- Do not use the heater in the immediate vicinity of any baths, showers, swimming pools, or any other areas where there is a high concentration of water.
- Do not tamper with the power cord while the heater is on.
- Using an extension cord with this product is not recommended.
- Please ensure that the power cord is disconnected when the heater is not on.
- This heater isn't suitable for use near long pile carpets or flokati rugs.
- Do not allow the power cord to come into contact with the heater when it is on.
- Do not leave the power cord loose around walkways or corridors, as this could be a tripping hazard.
- Do not twist, kink or wrap the cord around the heater, as this may cause the insulation to weaken and split.
- Do not store the heater away while it is still hot.
- The heater is not to be used by young children, the elderly or the vulnerable without supervision.
- Do not use the heater with more than one programmer or timer that will switch the heater on and off automatically. The remote controllable versions come with one built in. You can use an external one with the non remote versions.
- The cover and casing are designed to protect the heating elements inside the heater, and should not be tampered with or opened under any circumstances.
- The heater may be operated by children over the age of 8 and those who suffer from reduced physical, sensory or mental capabilities, provided they are supervised or have a complete understanding of the operation and general hazards involved with using the heater. Children should not play with the heater, and should not carry out any cleaning or maintenance of the heater.
- Children younger than 8 should not use the heater in any capacity, whether they are supervised or unsupervised. The outer surface of the heater can get very hot and cause burns if contact is made with the skin for prolonged periods of time. Please pay attention when children or vulnerable people are present.

- The heater should be installed at a minimum of 2.2 metres from the floor.
- Should the power cord become damaged, it must be returned to the manufacturer, or be repaired by a qualified electrician.
- The heater should not be used in confined spaces with occupants who are unable to leave the room on their own.

CONTENTS

- A) 1 x Infrared Bar Heater
- B) 1 x Manual
- C) 2 x Large Brackets
- D) 2 x Small Brackets
- E) 4 x Expansion Screws
- F) 4 x Butterfly Screws
- G) 8 x Wing Nuts
- H) 1 x Remote Control (only available with MS-THI-15WB and MS-THI-24WB)



INSTALLATION GUIDE

This heater should be installed by a qualified electrician. Before and during the installation, please ensure that the heater is disconnected from the power, and that the heater has cooled down if it has been on.

The heater can be installed both horizontally and vertically. The heater must be installed at a minimum height of 1.8m above the floor, or at such a height that it cannot be touched directly while on.

When installing on the wall, ensure that the heater is installed at an angle no more than 90° in relation to the wall, and no less than 45° in relation to the wall.

When installing the heater on the ceiling, ensure that it is either facing directly downwards, or at an angle no less than 45° in relation to the ceiling.

When installing the heater vertically, please ensure that the power cord is at the bottom of the heater.

When the heater is on, the body of the heater will increase, so please ensure that the power cord is tucked away safely and never comes into contact with the body of the heater.

Do not install the heater near any flammable materials.

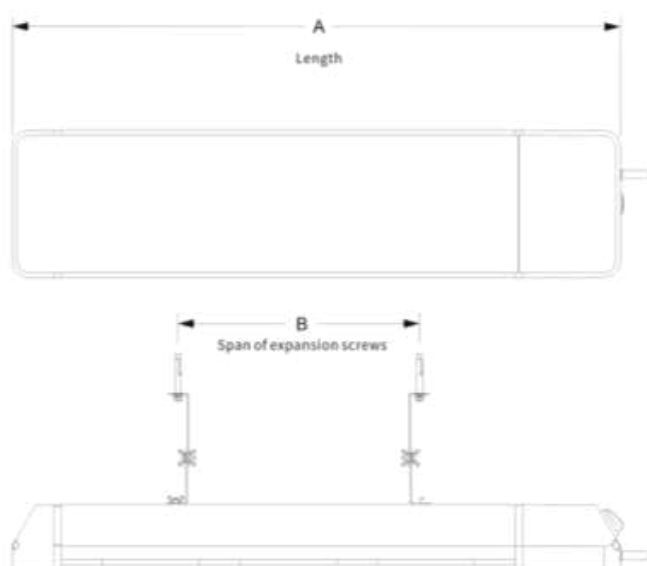
Ensure that the heater is installed at a minimum of 150mm away from ceilings and walls.

For outdoor installations, please use a weatherproof power socket suitable for outdoor use.

Before drilling into any walls for installation, please ensure there are no wires, water pipes or gas pipes in the area where the heater is being installed.

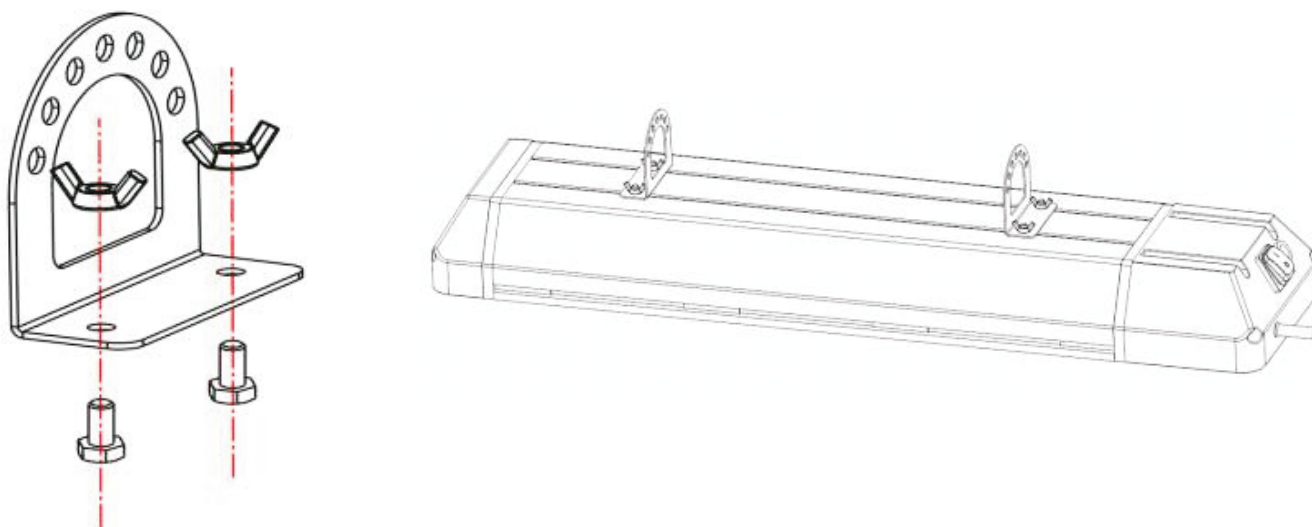
The heater must be installed using the mounting brackets provided with the heater from the manufacturer.

Installation Guide

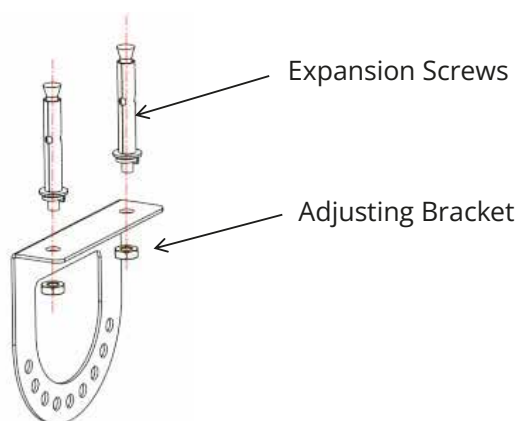


Model	Dimension A (mm)	Dimension B (mm)
MS-THI-15J/MS-THI-15WB	650	300
MS-THI-24J/MS-THI-24WB	768	360

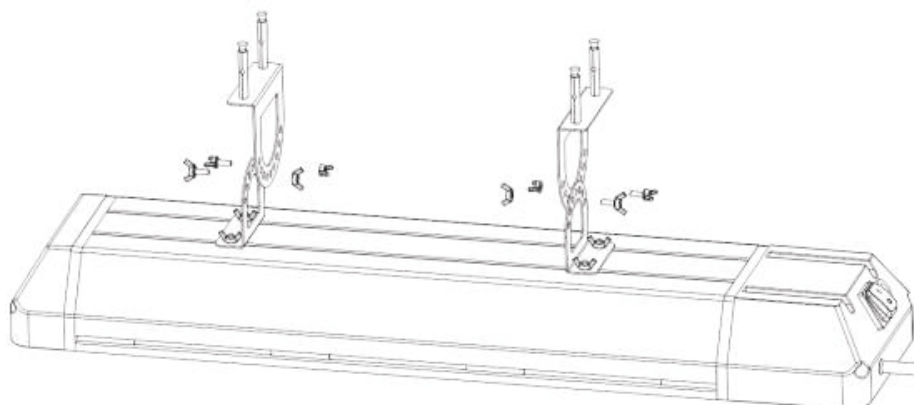
Step 1: Using the supplied wing nuts, attach the small brackets to the back of the bar heater. You'll find the screws for this step at the back of the bar heater itself.



Step 2: Using an 8mm drill bit, drill holes into your wall where the large bracket will affix, and insert the Expansion Screws into the wall. You can then remove the nut on the end of the Expansion Screw, and use it to affix the large bracket to the wall. Repeat for the second bracket.



Step 3: Using the wing nuts and butterfly screws, join the large brackets on the wall to the small brackets on the back of the bar heater at your desired angle. Once set, tighten the wing nuts so that the heater is securely installed.

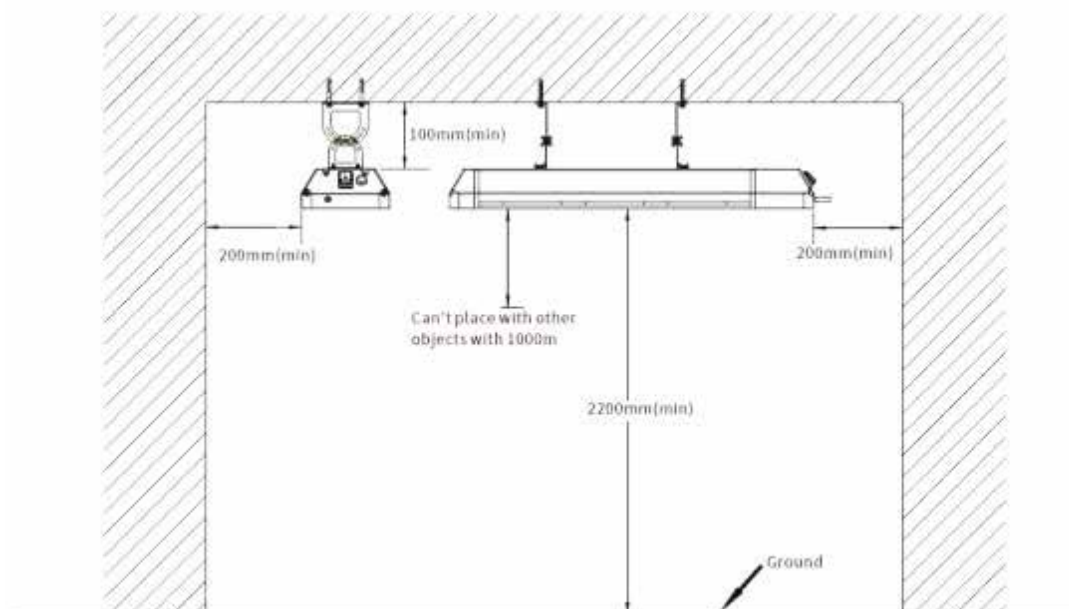


For Ceiling Installation:

The distance between the side of the heater should be at least 200mm.

The distance between the side of the heater to the wall should be at least 100mm.

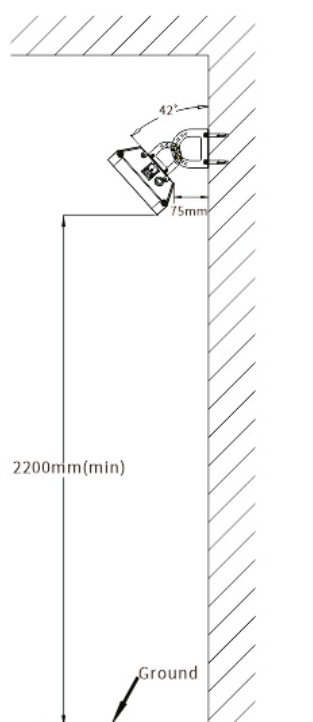
The distance between the ground to the heater should be at least 2200mm.



Ceiling installation

For Vertically Installations:

The height from the ground to the heater should be at least 2200mm.



Install vertically in front

INSTRUCTION FOR REMOTE CONTROL VARIANTS

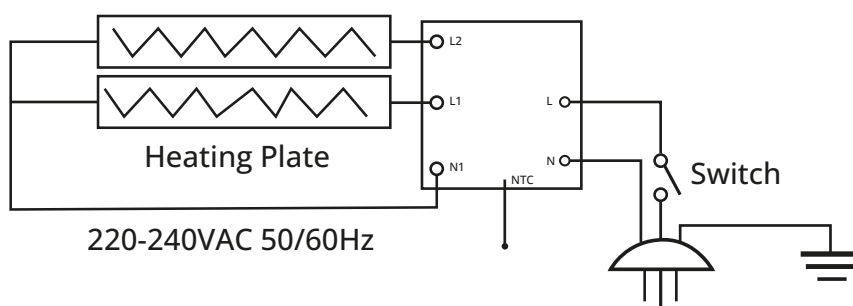
Product Diagram



Product Size

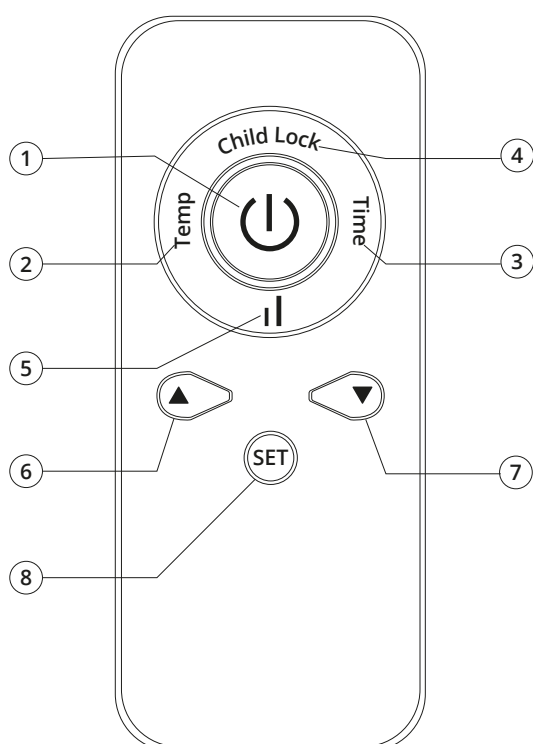
Model	Power (W)	L(mm)	H(mm)	W(mm)
MS-THI-15J/MS-THI-15WB	1500	650	182	82
MS-THI-24J/MS-THI-24WB	2400	768	182	82

Circuit Diagram



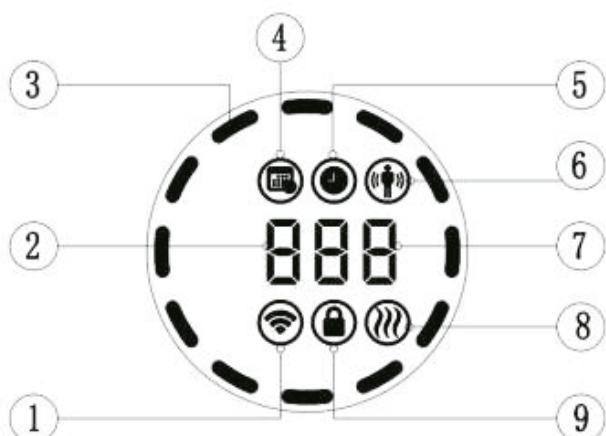
If you have a remote controllable bar heater (models: MS-THI-15WB and MS-THI-24WB), this section will show you how to use your heater with the included remote control and with your Wi-Fi network.

Please note that the remote control is only supplied with the MS-THI-15WB and MS-THI-24WB models. If you have purchased a non-remote model (MS-THI-15J or MS-THI-24J), you will not have a remote control included in the box.



Remote Control


Number	Name
1	Power on/off buttons
2	Temperature button
3	Timer button
4	Child lock button
5	High/Low switch buttons
6	Up button
7	Down button
8	Set button



Functions

Number	Name
1	Wi-Fi Indicator
2	LED Number Display
3	Power Settings Indicator
4	Power Indicator
5	Timer Indicator
6	Body Motion Sensor
7	Timer(H) Indicator
8	Heating Indicator
9	Child Lock Indicator

Switching On


Plug the heater into the mains power, ensuring that the socket matches the voltage and current of the rating label on the back of the panel. Once powered on, you should see this symbol  on your bar heater screen.

Press the On/off button to switch the heater on and off.

Setting Your Target Temperature


Pressing the Temp button on your remote allows you to change your target temperature. Use the Up button and Down button to alter the desired temperature. The lowest possible temperature is 50C, and the highest temperature is 450C


Timer Settings


When you are happy with your selection, leave the remote for 5 seconds and your timer setting will lock in. The timer icon  with the remaining number of hours will appear on the screen to indicate that it has been applied.

Adjusting Power Output


Press the Power High/Low switch buttons to switch between the three levels of power. This will alter the intensity of heat emitted from the bar heater.

Level 1 outputs heat at 40%, and the power settings indicator  around the display will change so that it is only partially full, indicating that you're at 40% power.

Level 2 outputs heat at 60%, and the power settings indicator  around the display will change to indicate that you're at 60% power.

Level 3 outputs heat at 100%, and the power settings indicator  around the display will be full, indicating that you're at 100% power.

Child Lock

To lock the heater, press the Set button, followed by the Child Lock button. You will see the Child Lock Indicator  on the screen, and none of the buttons will be operational while it is locked.

Body Sensor Mode


Pressing the Set button followed by the Up button will switch Body Sensing mode on. The bar heater will now begin to detect moving objects in the area, and will only operate as long as it can sense movement. If the bar heater does not detect any movement for 2 minutes, it will switch off.

When the Body Sensor mode is on, you will see the  icon on the bar heater screen.

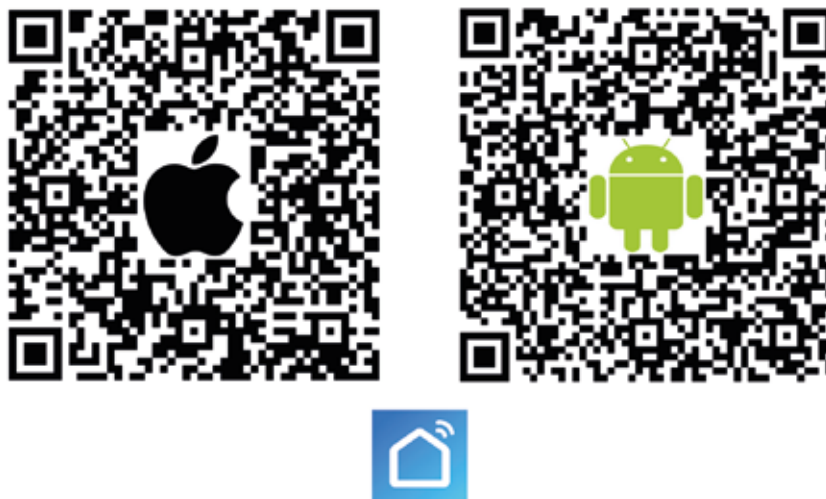
Eco Mode

Pressing the Set button twice will switch everything off on the screen except for the heating on icon. Pressing any button will switch the display back on.

Wi-Fi Reset/Pairing Mode

Pressing the Set button followed by the Down button resets the Wi-Fi setting for the bar heater. Once reset, the Wi-Fi symbol  will begin to flash on the display.

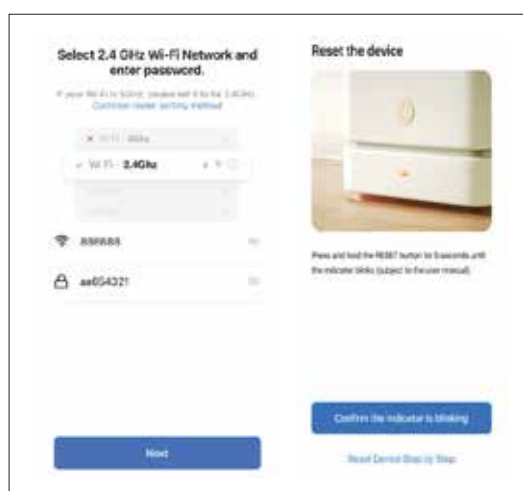
WI-FI OPERATION



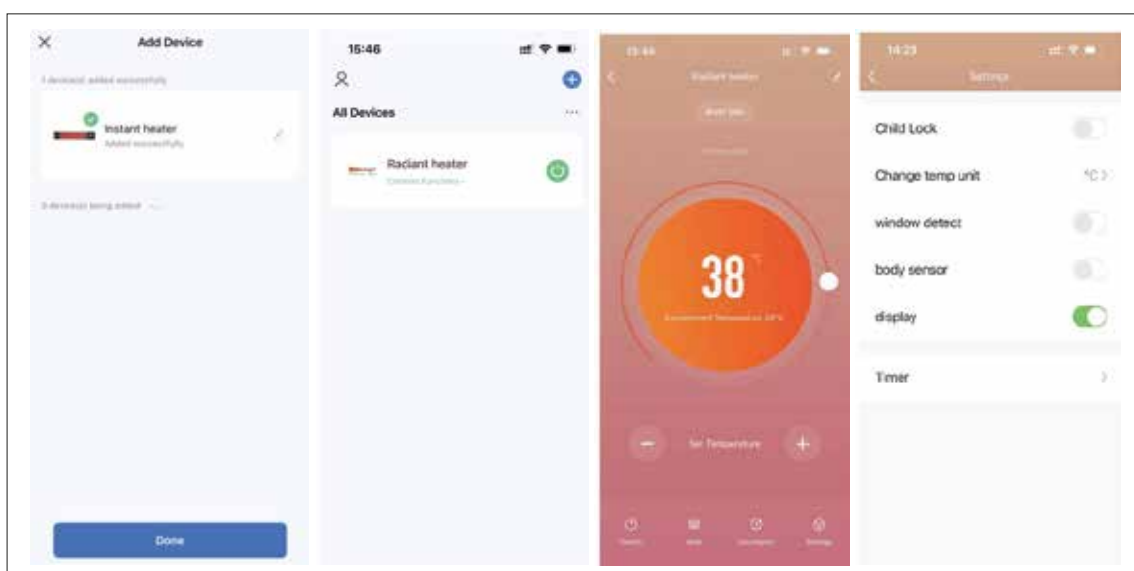
1. Scan the QR code with your mobile phone, to download and install the Smart Life app. Create an account if you haven't already. Make sure to keep your password somewhere safe.
2. Open the app, click Add device, or click on the + in the top right corner, then select the electric heater option.



3. Click OK, then connect to your Wi-Fi. Make sure you're using a 2.4GHz connection, as a 5Ghz connection will not work. When scanning your available networks, if you see a single network belonging to you, then this will be the correct band. If you see two networks, the name of the network should help you identify which band it belongs to, so a 2.4GHz network will have 24G, 2.4, 24 or something similar in the name, whilst the 5GHz network will have 5 or 5G in the name).



4. On the next screen, under the Small Home Appliances category on the left, scroll down and select "Heater" in the Life subcategory.



5. On your remote, press the Set button followed by the Down to reset the Wi-Fi setting for the Bar Heater. You should see the Wi-Fi indicator begin to blink rapidly.
6. Now on the app, confirm that the light is blinking rapidly, and enter your Wi-Fi network information (the name of the network and the password).
7. The app will now scan for the heater, and connect once it has paired.
8. If the pairing fails, you can try pairing the heater via Hotspot mode. To do this, press the Set Button followed by the Down button again on your remote. The Wi-Fi symbol on your Bar Heater should start flashing slowly.
9. In the app, when asked, you should confirm that the light is blinking slowly.
10. Enter your Wi-Fi details on the next screen (network name and password), before connecting your phone to a new Wi-Fi network named "SmartLife_XXXX" where the "XXXX" will be randomised numbers.
11. Once you're connected to "SmartLife_XXXX", click the button that says Confirm the hot spot, next, the app will begin attempting to connect to the heater.

USING THE 7-DAY TIMER WITH YOUR HEATER

1. On the home screen of the Smart Life app, press the Timer button in the bottom right corner.
2. Then, press Add in the middle of your screen.
3. On the next screen, you'll be able to choose your timer settings.
4. Use the sliders at the top of the screen to set what time you want your heater to switch on or off.
5. Press the Repeat button to set which days you would like the timer to occur on, if any.
6. Press the Note button to set a note for that particular timer setting.
7. Press the Switch button to set whether you want the heater to switch on or off at the time you have set.

Figure 1

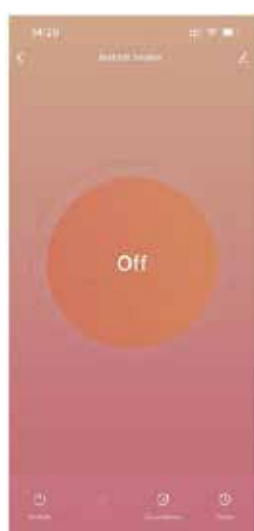


Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7

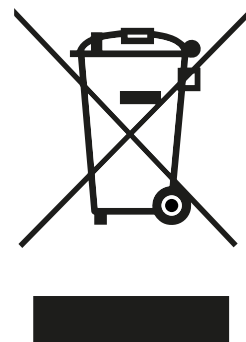


Figure 8

WARNING

1. Please ensure that the heater is installed correctly, as per this instruction manual, and that it is facing the correct way.
2. The heater should be installed in a place where the controls cannot be used by someone who is using a bath or a shower.
3. The heater should not be installed directly above an electrical socket.
4. Please consult a qualified electrician if there is any damage to the power cord on your heater.
5. Before moving your heater ,make sure it has sufficiently cooled down.
6. Do not leave young or vulnerable people unsupervised in a room when the heaters are in use.
7. Please ensure that the heater is not installed in close proximity to furniture,curtains or any other objects in the home that could be flammable.

When disposing of your heater ,please use your local rubbish collection facilities rather than using your general waste services. Contact your local council for information regarding these collection services.



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