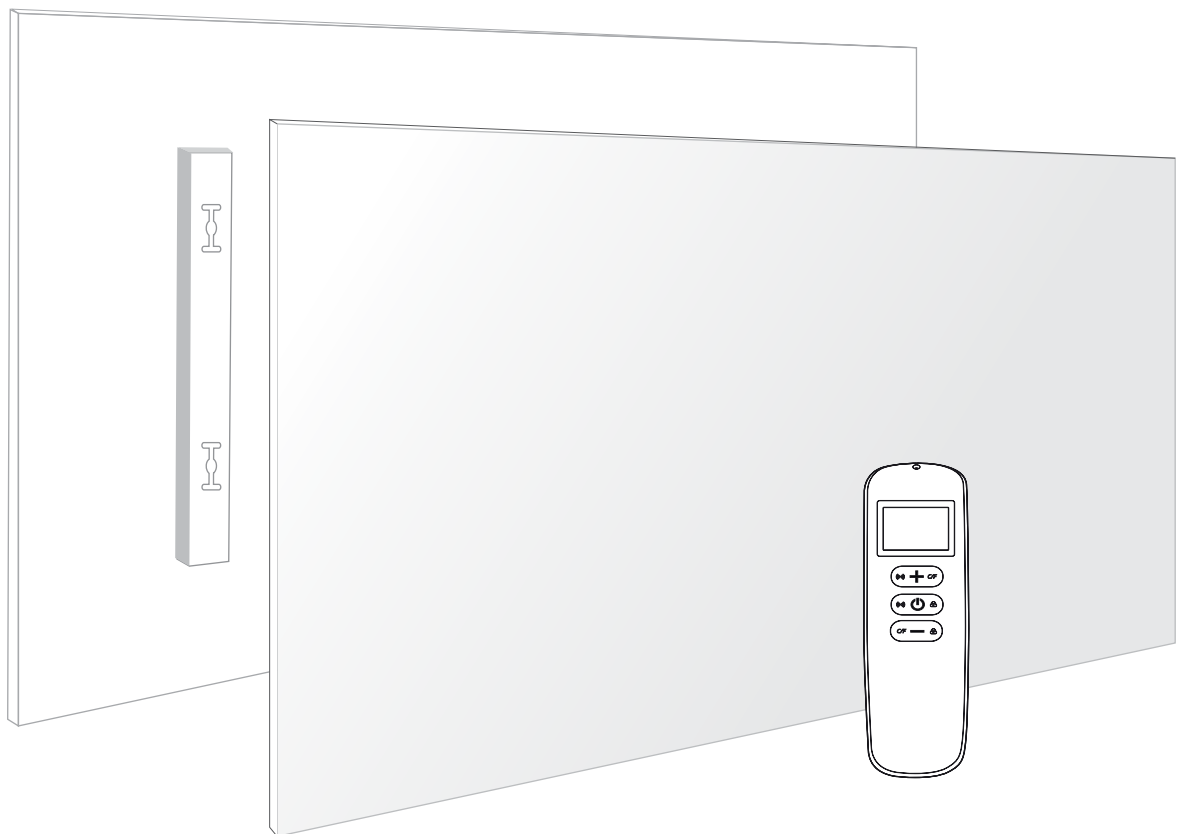


# MIRRORSTONE

INFRARED HEATING

## GLASS/MIRROR INFRARED HEATING PANELS



# CONTENTS

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1. Intro	3
2. Precautions	4
3. Specs Table	5
4. Included In The Box	6
5. Device Structure	7
6. Wall Installation	8
7. Wi-Fi Remote Control Specs	9
8. Built-In Receiver Wi-Fi Receiver Specs	9
9. Wi-Fi Remote Control Diagram	10
10. Wi-Fi Remote LCD Display	11
11. Built-In Wi-Fi Receiver Diagram (one for nexus, one for glass/mirror)	11
12. Pairing Your Remote	12
13. Basic Functions	12
14. Electronic Temperature Control	13
15. Advanced Features	13
16. Connecting Your Panel To Wi-Fi	14
17. Maintenance & Servicing	15
18. Troubleshooting	18
19. Disposal	19
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# INTRO

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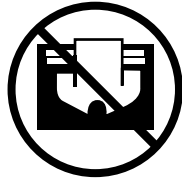
Thank you for purchasing your new infrared heater. When used properly, it should provide you with plenty of eco-friendly, energy saving infrared heat for many years to come.

Please keep this manual safe for future reference. It contains lots of important information that will help you manage and look after your panel and ensure it lasts for as long as possible.

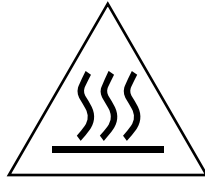
Before doing anything with your panel, please carefully read the precautions on the following page. Failure to do so may result in injury, or the voiding of your warranty.

# PRECAUTIONS

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No Covering



Do Not Touch



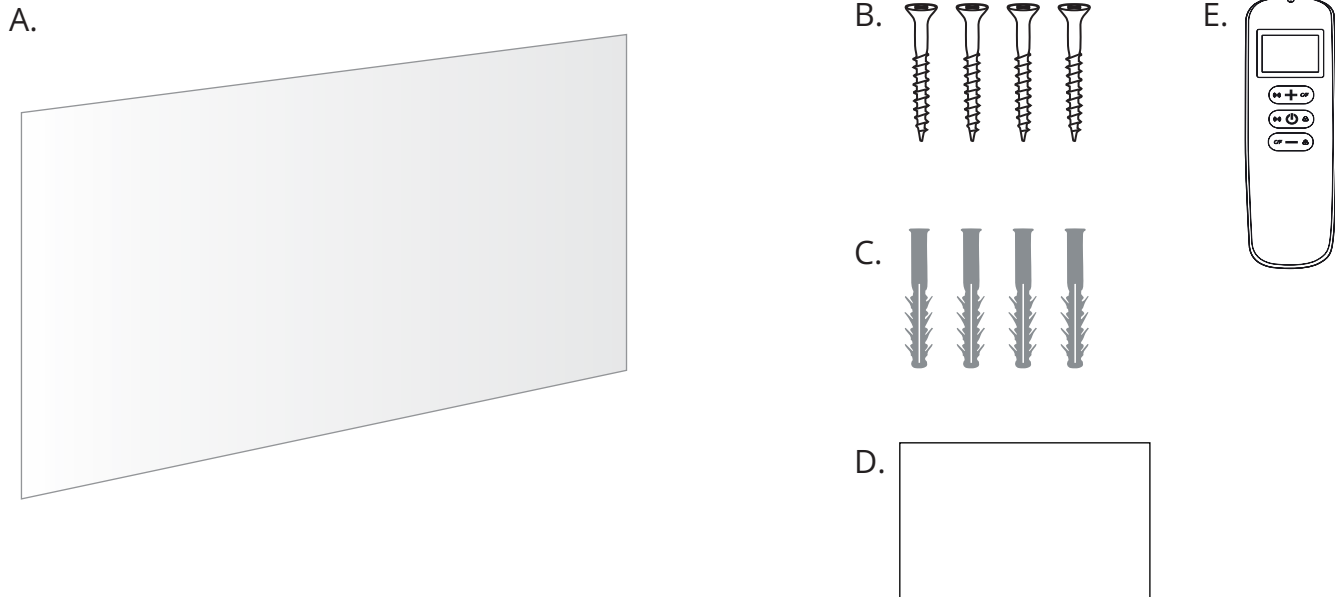
Do Not Spray

1. To prevent burns or injuries related to prolonged contact with the heating panel, children, those who suffer from sensitive skin, the elderly, the sick or those who are taking any medication that causes drowsiness should take extra care around the appliance.
2. Do not damage, destroy, change, bend, stretch or press the power cord, otherwise it may result in fire or electric shock.
3. Ensure that the usage voltage remains between 220-240V, 50Hz and that the power supply is grounded.
4. The heating panels will draw more current than small appliances when in operation. 180W, 350W, 580W, 700W & 900W panels will require a separate 5A socket, and 1200W panels will require a 6A socket.
5. Keep the heating panel away from flammable products to prevent the risk of fire.
6. Please ensure that there are no objects placed within 30cm of the front of the panel, and within 30cm of the sides of the panel.
7. Please do not install Glass or Mirror IR Panels on the ceiling under any circumstances. They should only be installed on the wall.
8. Please do not jump or stand on the panel, or apply strong pressure to it.
9. Never cover the heater with any materials that retain heat well, such as towels, quilts or carpets, etc.
10. Be sure to unplug the power cord from the mains in the event that you need to clean the heating panel, and wait until it has completely cooled down. Please ensure that you use a dry cloth, and avoid using gasoline or Acetone on the appliance.

# SPECS TABLE

Available Sizes		Rated Power	Amps	Heated Area
Glass	600mm x 800mm	450W	1.9A	7 - 8m <sup>2</sup>
	600mm x 1000mm	580W	2.42A	9 - 10m <sup>2</sup>
	600mm x 1200mm	700W	2.92A	11 - 12m <sup>2</sup>
Available Sizes		Rated Power	Amps	Heated Area
Mirror	600mm x 600mm	320W	1.33A	5 - 6m <sup>2</sup>
	850mm diameter	320W	1.6A	5 - 6m <sup>2</sup>
	600mm x 800mm	450W	2A	7 - 8m <sup>2</sup>
	600mm x 1000mm	580W	2.5A	9 - 10m <sup>2</sup>
	600mm x 1200mm	700W	3A	11 - 12m <sup>2</sup>

# INCLUDED IN THE BOX

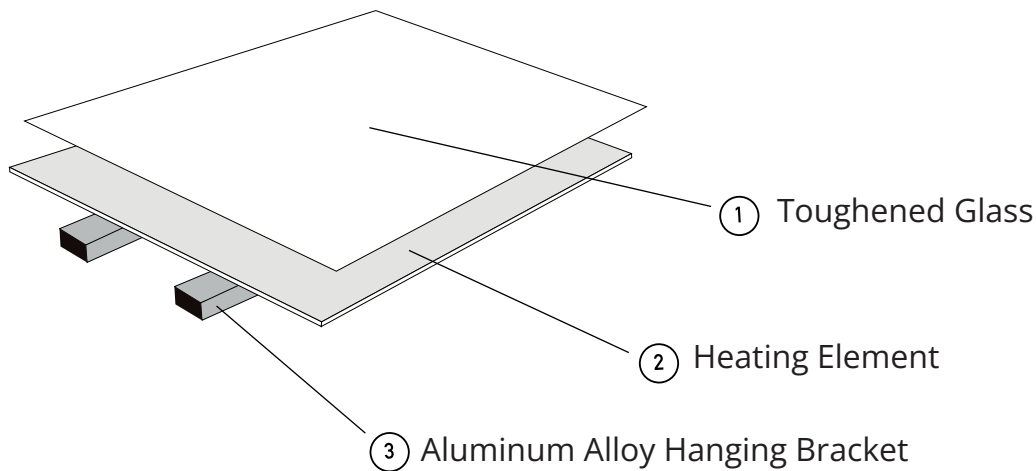


- A. Infrared Heater
- B. Screws
- C. Wall Plugs
- D. Mounting Template
- E. Remote Control

- This infrared panel heater is designed to provide an efficient, comfortable and healthy heating system for all domestic users and homeowners.
- This infrared panel heater can reduce air circulation and help create and maintain a clean, silent and dust free environment.
- All Glass and Mirror panels should only be installed on the wall, and should not be installed on the ceiling.
- A wide range of panels are available in varying sizes, wattages and frames.

# DEVICE STRUCTURE

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- The toughened glass ensures that your panel is durable enough for daily use.
- The carbon crystal heating element will distribute clean and efficient infrared heat throughout your space.
- The hanging bracket can be used to hang your panel on the wall, or used alongside your suspension kit or ceiling bracket.

You may need more than one panel to sufficiently warm your room. To calculate how many watts you will need, use the following formula.

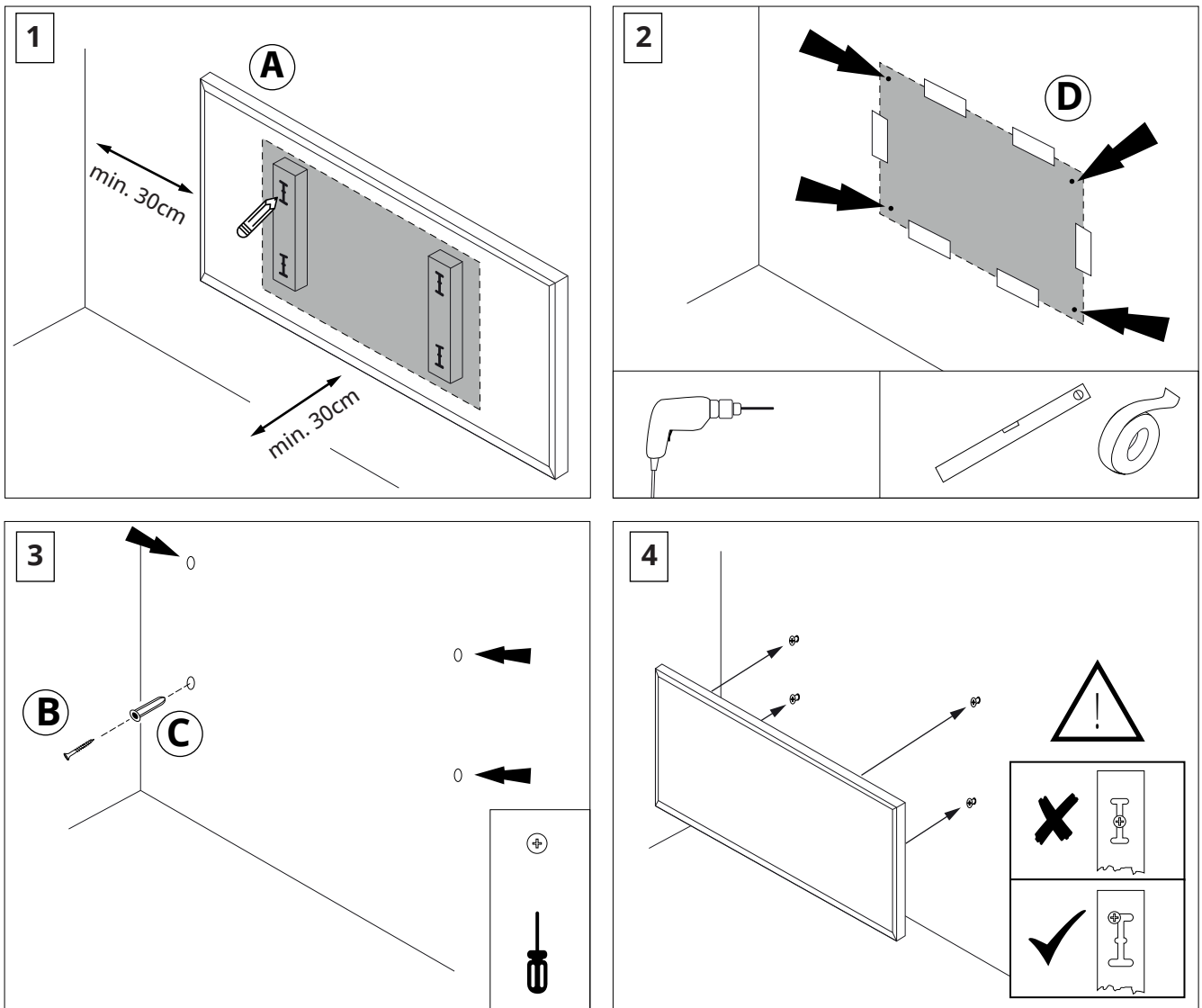
Length (m) x Width (m) x Height (m) = Volume (m<sup>3</sup>)

For well insulated properties: Volume (m<sup>3</sup>) x 25 = Wattage Requirement

For moderately insulated properties: Volume (m<sup>3</sup>) x 30 = Wattage Requirement

For poorly insulated properties: Volume (m<sup>3</sup>) x 35 = Wattage Requirement

# WALL INSTALLATION



1. Use the supplied paper to cover the back of the panel, and use a pencil to mark the locations of the holes.
2. Use some double sided adhesive tape to fix the paper onto the wall or ceiling. Use this template to drill the holes.
3. Insert the wall plugs into the holes.
4. Insert the screws into the wall plugs. The screws should protrude from the wall by around 5mm.
5. Mount the panel onto the 4 screws.



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# WI-FI REMOTE CONTROL SPECS

## REMOTE CONTROL

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- Battery Powered: DC 3V (2 x 1.5V AAA batteries, not included)
- Consumption: 3V 0.1mA
- Dimensions: 140mm x 40mm x 18mm
- Weight: 40g
- Temperature Setting Range: 0 °C- 45 °C
- Temperature Display Range: 0 °C- 50 °C
- Working Range: 8m

## BUILT-IN WI-FI RECEIVER SPECS

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- Power Supply: AC 220-240V
- Power Consumption: 0.8W
- Working Environment Temperature: -5 °C - 50 °C, Humidity: 10% - 95%
- Wireless Standard: IEEE802.11b/g/n
- Frequency Range: 2.412 – 2.484GHz
- Security Protocol: WEP/WPA-PSK/WPA2-PSK
- Encryption Protocol: WEP/TKIP/AES

## WI-FI REMOTE CONTROL DIAGRAM

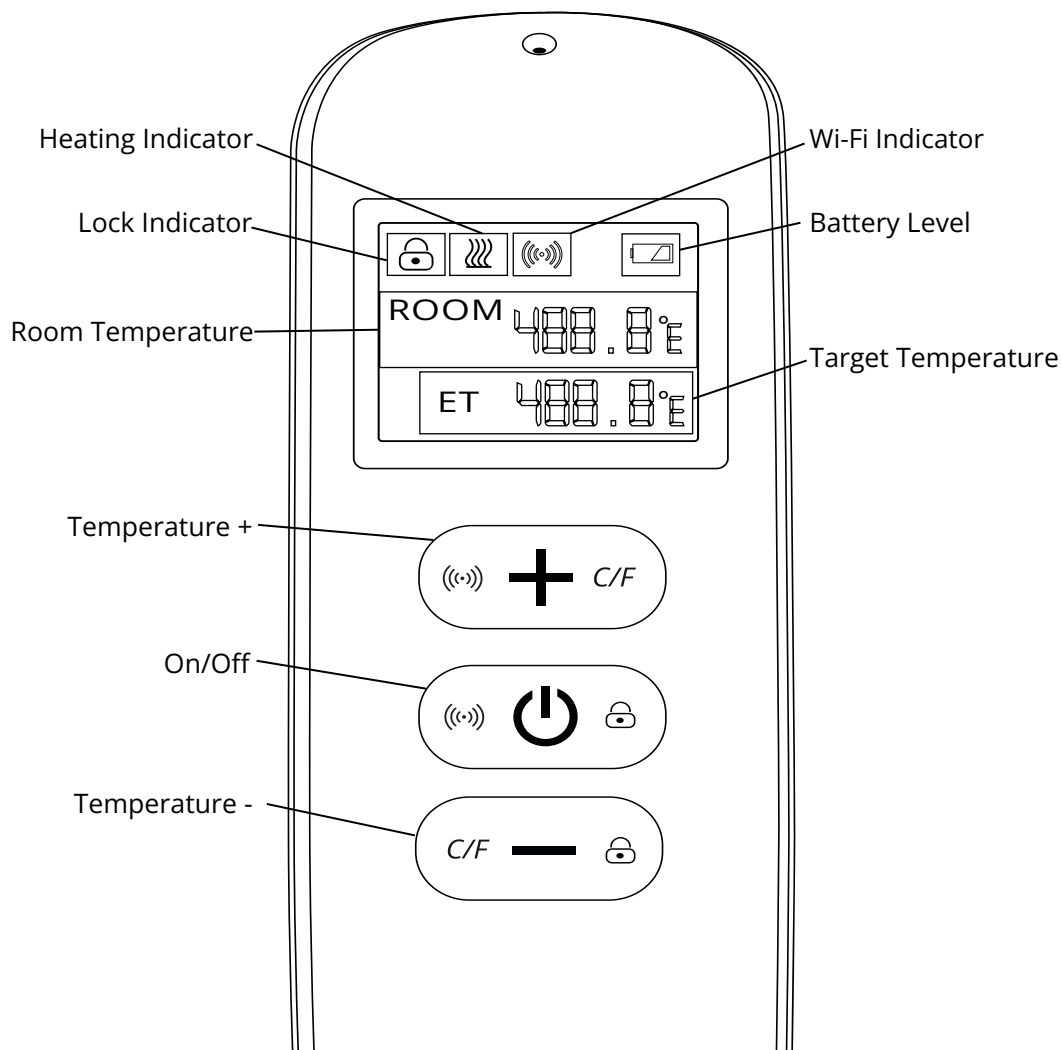
The remote control and integrated receiver allow full control of the operation of the heater.

The remote control reads the current room temperature using a sensor located at the top of the unit, and sends real time data to the receiver.

The screen on the remote control can display the current room temperature, target temperature, lock status, battery level, heating status and Wi-Fi status.





When the screen on the remote control is off, this means that the heating panel is off too. While in this state, the remote is still sending real time data to the receiver every 60 seconds.

It is possible to use a single remote and pair it with multiple heating panels.



## WI-FI REMOTE LCD DISPLAY

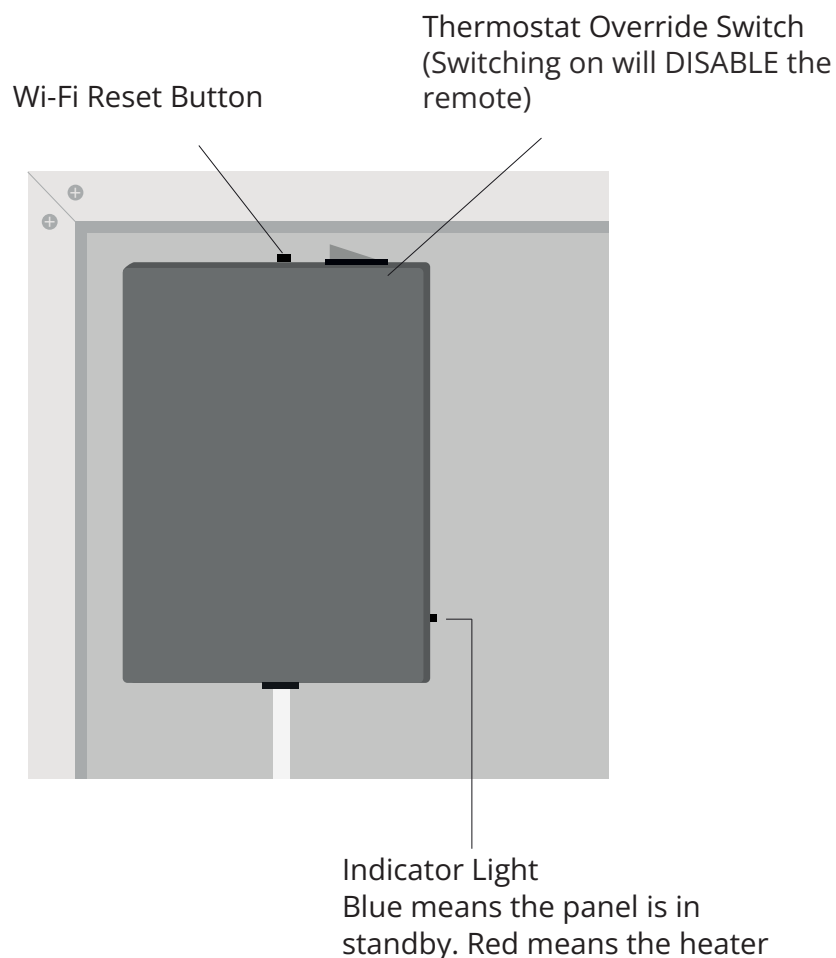
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- The “” symbol indicates when the IR Panel is beaming out heat.
- The “” symbol indicates that the button on the remote controller are locked.
- The “” symbol indicates when your heater is connected to your Wi-Fi network.
- The “” symbol shows you the current battery level. It will begin to flash when the battery level is low. At this point, you will need to replace the batteries.

## BUILT-IN WI-FI RECEIVER DIAGRAM

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### GLASS/MIRROR PANELS WI-FI RECEIVER DIAGRAM



## PAIRING YOUR WI-FI REMOTE

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For a full video guide on how to use your remote with your Glass/Mirror IR panel, please scan the QR code.



Before starting, please ensure that you have inserted 2 x 1.5V AAA batteries into the remote control.

Power on your panel heater by connecting it to a plug socket, using the 3-pin plug at the end of the flex cable.

Next, switch your remote control on by pressing the On/Off button.

To pair your remote with your panel heater, press the On/Off Button and temperature + button together within 60 seconds of switching your panel heater on. You will see the Wi-Fi symbol flash three times.

If the pairing has been successful, you will hear a beep from the heater.

*Please note:*

*Ensure that any panel heaters that you do not want pairing are switched off.*

*If your remote control needs replacing at any point in the future, power off the heater, then power it back on again. You can repeat the pairing process as described in the Initial Setup section, but you will have 5 minutes rather than 60 seconds.*

## BASIC FUNCTIONS

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- You can use the On/Off button to turn your heater on and off.
- Press the 'C/F toggle button' to change between Celsius and Fahrenheit temperature displays.
- Hold down the 'Lock button' for 3 seconds to lock the remote, and hold it again for 3 seconds to unlock the remote

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## ELECTRONIC TEMPERATURE CONTROL

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- To increase the target temperature by 1 °C, press the Temperature + button. Similarly, to decrease the target temperature by 1 °C, press the Temperature - button.
- Alternatively, you can hold down the Temperature + or Temperature - buttons to increase or decrease the target temperature continuously.
- If the target temperature is higher than the current room temperature, you will see the heating indicator appear on the screen, and the heater will switch on.
- If the target temperature is lower than the current room temperature, the heating indicator will be off on the screen, and the heater will switch off.

## ADVANCED FEATURES

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- To switch your temperature display from °C to °F, press the temperature + and temperature - buttons at the same time.
- To lock your remote control, press the On/Off button and temperature - button together and hold for 3 seconds. Upon successful locking, you will see the lock indicator appear on the screen. Repeat this process to unlock the heater.

*Please note:*

*The backlighting on the screen will illuminate when you press any button, and will remain on for 5 seconds if no other buttons are pressed.*

# CONNECTING YOUR PANEL TO WI-FI

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Scan QR code for video instructions on how to pair your Glass/Mirror panel to your home Wi-fi Network.



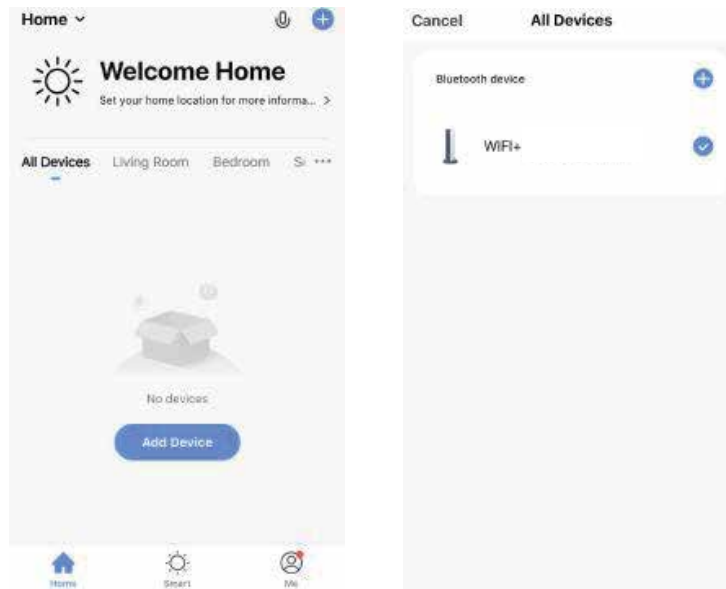
## Before you start:

1. Please make sure your phone/tablet/smart device is connected to a 2.4GHz Wi-Fi signal. All Wi-Fi routers emit a 2.4GHz signal, but some newer models emit both 2.4GHz and 5GHz. You can normally tell which signal is which by the name of the wireless network. 5GHz networks will usually contain a "5", "5G" or something similar in its name.
2. To download the Smart Life app, iPhone and iPad users can scan the QR code below to the left, and Android users can scan the code below to the right. You'll need to create an account if you haven't already.

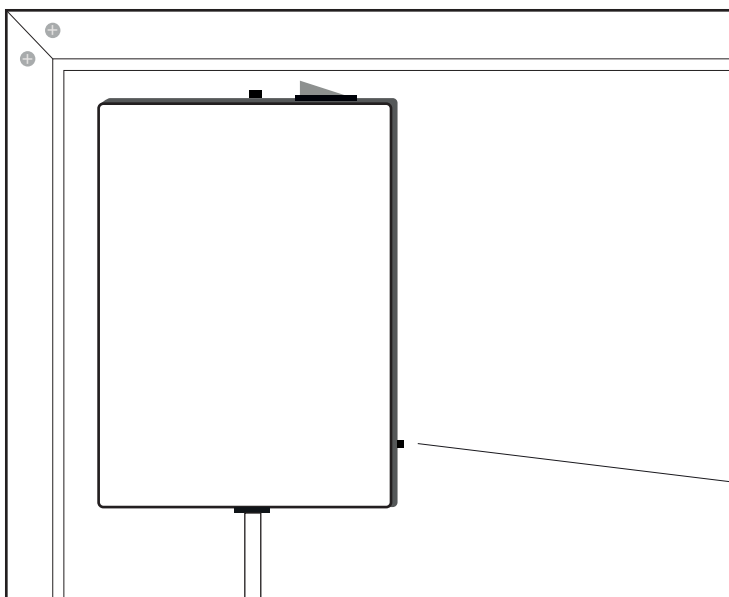


3. Make sure your panel is switched on, and that the green override switch on the back of the panel is switched off.

4. In the Smart Life app, select the add device button, then 'Small home appliances.' Then select 'Wi-Fi Heater'. You will be prompted to enter your Wi-Fi password, but don't do so yet.



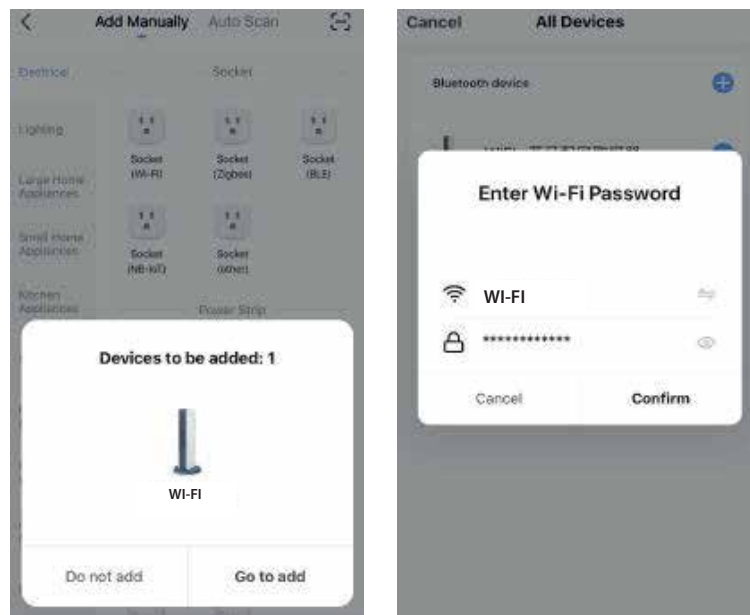
5. On the back of the panel, press and hold the Wi-Fi reset button for at least five seconds. The indicator LED on the front of the panel will start to blink rapidly. Press and hold the Wi-Fi reset button again for five seconds, and the LED will blink slowly, showing it is ready to be paired.



#### GLASS/MIRROR PANELS

Indicator Light  
Blue means the panel is in standby. Red means the heater is on and emitting heat

6. Enter your Wi-Fi password.



7. Confirm the light on the panel is blinking slowly.

8. The app will now ask you to connect your phone to the device's hotspot. Follow the prompts provided to do so. If the phone prompts you, tell it you only wish to connect to this network once.

9. The app will now search for your heater, and should connect within 30 seconds or so.

10. Once this is complete, you can name your heater to help you keep track of it easily.



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## NOTES

- The Glass/Mirror Wi-Fi IR Panels only support 2.4GHz networks, and are not compatible with 5GHZ networks.
  - When the LED indicator on the back of the Glass/Mirror Panel is blue, it means the heater is powered on but on standby. When the LED indicator is Red, this means the heater is heating up.
  - To clear the Wi-Fi settings on the panel, you can either press and hold the Wi-Fi reset button on the back of the panel for approximately 5 seconds, or you can power the heater on and off 4 times at the plug socket.
  - When the green remote override switch on the back of the panel is ON, the remote control will not function.
  - If the heater loses connection with the Wi-Fi network, the heater will power off.
  - Please use an alkaline battery in the remote control.
  - Please ensure that the remote is always no further than 8 metres away from the heater.
  - Do not block the temperature sensor, located on the top of the remote control.
  - Keep the remote control out in the room where your heater is installed, and avoid putting it in a drawer, in your pocket, under a pillow or anywhere else where the temperature sensor may be blocked, as this may result in the heater not functioning correctly.
  - If you will not be using the heater for a prolonged period of time, it is best to remove the batteries from the remote.
  - Do not use the heater in areas where there are high concentrations of water, eg, zone 1 of your bathroom, outdoors etc.
- If your remote control unpairs from your panel, bring the remote no more than 3 metres away from the panel and re-pair them together.

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# MAINTENANCE & SERVICING

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1. This infrared heating panel requires no servicing, and very little maintenance.
2. When cleaning any Glass or Mirror panel, you can use a damp cloth and gently wipe the surface of the panel.
3. Dismantling or attempting to repair the panel yourself should not be done under any circumstances, as this will immediately void your warranty

# TROUBLE SHOOTING

Symptom	Cause/Solution
The heater will not turn on	Double check that the heater is connected to a power source, and that there is no damage to the flex cable.
	Try connecting a working electrical appliance to the same socket to determine the circuit is working.
	If the heater has a manual on/off switch, check that it is in the 'on' position.
	If your heater utilises a remote control, ensure that the batteries have not ran flat by swapping in new batteries.
There is a strange smell coming from the heater	This is normal upon first use, as the heating element burns off the protective oils used to guard it during transit.
The heater is overheating	Switch the heater off at the mains and let it cool down completely. Switch the heater back on and if the problem persists, contact the retailer immediately.
The heater is overheating	If you are using a thermostat, this may be causing the issue. Either try a different thermostat or contact your local electrician to investigate the symptom.
	If your panel is ceiling mounted, ensure that there is adequate gap between the ceiling and the panel by lowering the suspension cable.
The heater is not warming the room up.	Your heater may not be the correct power for the room. Consult our wattage calculator located on every product page to determine the correct number of heaters for your room.
The heater is making a strange noise	This is normal upon first use, and can persist longer term to a lesser extent. The reason is that the heating element will expand slightly as it gets hotter, and then contract slightly when it cools. retailer immediately.

- Before drilling any holes or making any other permanent modifications to your home, please ensure that the panel(s) you have are sufficient for the room you're installing them in. You can calculate your cubic space by multiplying the Length by the Width, and then multiplying the result by the Height of your room, all in Metres. This will give you the cubic capacity of your room in m<sup>3</sup>. Then, if your home is well insulated, multiply your cubic capacity by 25 to give you your required wattage. If your home is moderately insulated, multiply your cubic capacity by 30, and if your home is poorly insulated, multiply your cubic capacity by 35.
- The above calculations are based on optimum conditions. If you feel your room or property does not meet optimum insulation, shape, dimensions or anything else, please consult a sales agent before purchase.
- Once installed, you may begin to notice dark marks appear on your wall and ceiling, and even on the heater itself. This is completely normal, and happens with all heaters. It is the result of dust, dirt, and external gases staining surfaces in the vicinity of the heater as a result of the movement of air around the heater itself. This is nothing to be concerned about, and will not affect the operation of the heater.

## DISPOSAL

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Electrical appliances such as this infrared heater should not be disposed of with other household waste, and should be recycled at special facilities. Check with your local authorities or retailer for advice concerning disposal and recycling.

# MIRRORSTONE

INFRARED HEATING



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