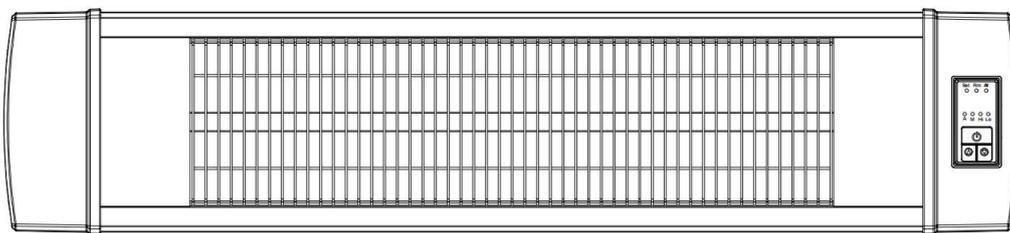




## Carbon Infrared Heater with Temperature Control



**Owner's Manual**  
**Model No.: DR-268**

### **READ AND SAVE THESE INSTRUCTIONS**

Carefully read and review before attempting to assemble, install, operate, or maintain this product. Observe all safety instructions and information.

**FAILURE TO FOLLOW THE WARNINGS & OPERATIONAL INSTRUCTIONS CONTAINED IN THIS MANUAL CAN RESULT IN SEVERE PROPERTY DAMAGE AND/OR PERSONAL INJURY.**

**DO NOT RETURN TO THE PLACE OF PURCHASE!**

Please contact our Toll-Free Hotline:

**(800) 317-1688**

for customer service & warranty issues

# Warning

**THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND SAVED FOR FUTURE REFERENCE,**

We cannot be liable for any damages caused by failure to observe these instructions.

## IMPORTANT INSTRUCTIONS

READ CAREFULLY - The infrared heater is designed for safe operation. Nevertheless, installation, maintenance and operation of the heater will be dangerous. Observing the following procedures will reduce the risk of fire, electric shock, and injury to persons, as well as minimize installation time. Save these instructions for future use.

1. Read all instructions before using this heater.
2. Remove the unit from packaging and check to ensure it is in good condition before using it.
3. Keep packages (e.g. plastic bags) out of the reach of children.
4. Check the household voltage to ensure it matches the heater's rated specification.
5. Check the power cord and plug carefully before use, ensuring that they are not damaged.
6. Before unplugging the power cord, be sure to turn off the power. When energizing the unit, ensure your hands are dry to avoid electric shock.
7. This heater becomes hot during use. To avoid burns, do not let bare skin touch hot surfaces. If handles are provided, use them to move the heater. Keep combustible materials such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater, and ensure they are kept clear of the sides and rear.
8. Exercise extreme caution when the heater is used by or near children or individual and whenever the heater is left operating and unattended.
9. Do not use the heater near, or in the immediate vicinity of, a bath, swimming pool, or any source of liquid.
10. To protect against electric shock, do not immerse the cord or plug in water or any other liquid.
11. Do not insert or allow any foreign objects to enter the ventilation or exhaust openings, as this may cause electric shock, fire, or damage to the heater.
12. Always unplug the heater when not in use.
13. Connect only to properly grounded outlets.
14. Always plug the heater directly into a wall outlet/receptacle. Never use an extension cord or relocatable power tap (outlet/power strip).
15. Do not allow the cord to overhang the countertop, where it can be easily pulled by children.
16. Do not put fingers or foreign objects into the grille while the heater is in operation.
17. Do not leave the appliance unattended when in use.

18. This heater is not intended for use in bathrooms, laundry rooms, and similar indoor areas. Never place the heater where it may fall into a bathtub or other water container.
19. We cannot accept liability for any damage caused by non-compliance with these instructions or by improper use or mishandling.
20. This appliance is not intended to be used by individuals (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning its use by a person responsible for their safety. Children and vulnerable people should be supervised to ensure they do not play with the appliance.
21. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
22. Do not operate the heater with a damaged cord, plug or after the heater malfunctions, because either it has been dropped or damaged in any manner. Disconnect power at the service panel and have a licensed electrician to inspect the heater before reusing it. If the supply cord is damaged in any way, it must be replaced by the manufacturer, its service agent, or a similarly qualified person in order to avoid a hazard.
23. Do not run the cord under carpeting. Do not cover the cord with throwing rugs, runners, or similar coverings. Do not route the cord under furniture or appliances. Arrange the cord away from traffic areas and ensure it will not be tripped over.
24. To disconnect the heater, turn the controls off, then remove the plug from the outlet.
25. To prevent overheating, keep the air inlets and outlets clean, and free of any objects that may cause blockage. Check all inlets and outlets from time to time to ensure it is clear of any dirt or dust accumulation. **DO NOT COVER.**
26. The heater contains hot, arcing, or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
27. Parts of the heater may exceed 200°C. Contact with the heating tube, reflector, or metal parts near the heating tube may cause severe BURNS. To avoid burns, do not let bare skin touch the hot surface.
28. **DO NOT** place hands under the heating elements. **ALWAYS** allow heating element to cool at least 10 minutes before touching the heating tube or adjacent parts.
29. This product contains recyclable materials. Do not dispose this product as unsorted municipal waste. Please contact your local municipality for the nearest collection point.

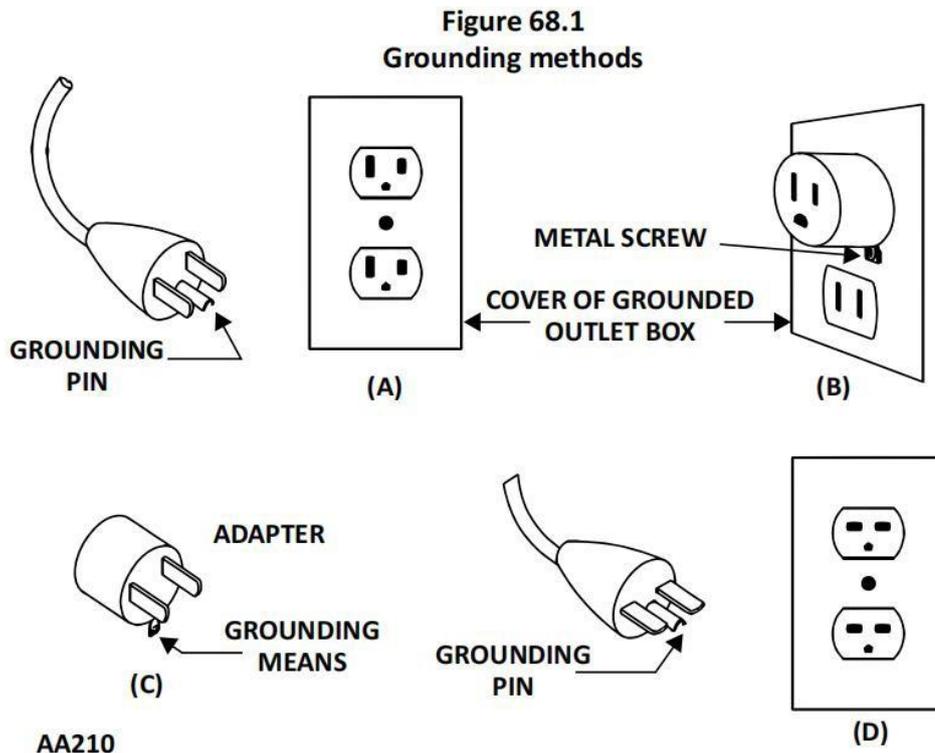
# **SAVE THESE INSTRUCTIONS**

## Introduction

The DR-268 carbon infrared heater produces instant and comfortable heat like the sun. This heater is designed for both indoor and outdoor areas.

Model	DR-268
Voltage(V)	110-120V AC
Wattage(W)	1500W
Hertz (Hz)	60
Dimensions WxHxD(in.)	34.6 x 7.69 x 3.33

This heater is designed for use with a 120-volt AC input. The cord has a plug as shown at A in Figure 68.1. An adapter as shown at C is available for connecting three-blade grounding-type plugs to two-slot receptacles. The green grounding plug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.



# INSTALLATION

## Tools Needed:

\* Pencil   \*Hammer   \*Level   \*Screw Driver   \*Power Drill and drill bits

A mounting bracket is provided with the heater, which has been specifically designed to allow this product to be fitted to the ceiling or wall. Before drilling the holders for the ceiling/wall, ensure that it is solid and that there are no hidden water pipes or electric wires.

**ATTENTION!** The appliance must be installed on solid surfaces such as concrete, wood, or metal.

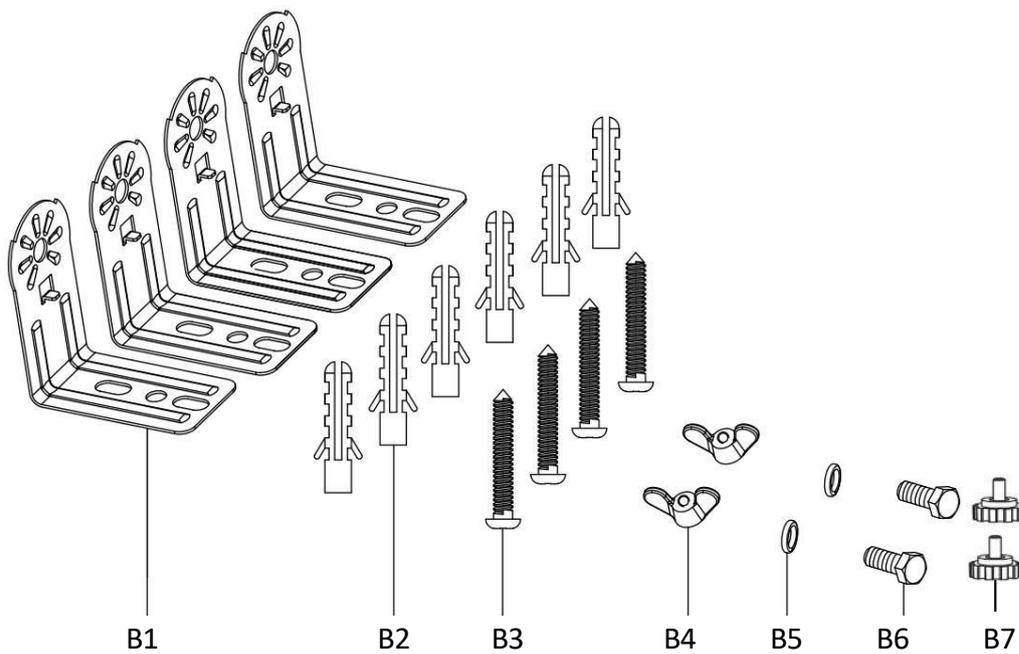
**Important:** Ensure that the supply cable is properly mounted and does not come into contact with the heater's reflector, or does not trail into the heated area. The supply cable can be fixed to the metal mounting bracket behind the heater with plastic zip ties.

1. This heater should be installed by a competent person, i.e. qualified electrician.
2. Always remember to disconnect the heater from the electricity supply and allow it to cool down before installation.
3. For both wall and ceiling mounting, the lowest part of the heater must be positioned at or above a minimum height of 2.4m/94.5" from the ground level to ensure that it cannot be touched while in operation.
4. There must be a minimum distance of 2.4m/94.5" from the heater to the ground.
5. The distance from the heater to the corners should be at least 0.5m/19.7" for horizontal use.
6. If the heater is mounted to the ceiling, there must be a minimum distance of 0.5m/19.7" between the corners and the appliance.
7. The distance between the heater and outer objects must be at least 1m/39.4".
8. The distance from the front of the heater to outer materials such as wood, carton, or cloth must be at least 1m/39.4".
9. If the heater is mounted horizontally or to the ceiling, please do not position it at an angle more than 90° or less than 45°.
10. Keep the cord away from the body of the heater, which becomes hot during use. The supply cable must be at the lowest end of the heater if the heater is installed at an angle.
11. Do not install the heater on a flammable surface.
12. Observe the minimum safe distance between the heater's body and any flammable surfaces during installation.
13. The heater should always have a minimum clearance of 0.5m/19.7" from the adjacent wall.
14. If the heater is to be used outside, a weatherproof outlet is recommended.
15. Before drilling, ensure that there are no wires or water pipes in the area where the heater is to be installed.
16. The heater must be installed using the provided mounting brackets.
17. Use the nuts and screws supplied to securely fasten the brackets to the mounting surface and the backside of the heater .
18. Use the nuts and bolts supplied to fasten securely the heater on the brackets.
19. The brackets can be used to adjust the direction of the heater. Adjust the heater angle by loosening the two bolts on the wall mounting bracket and tightening the bolts again when the desired angle is reached.

# INSTALLATION

## Total Installation hardware for Wall/Ceiling and Chain Mounted

No.	Desc.	Qty	No.	Desc.	Qty
B1	L shaped bracket	4	B6	Screw	2
B2	Plastic anchor	6	B7	Handle screw	2
B3	Screw	4	C1	Chain	2
B4	Wing nut	2	C2	Screw hook	2
B5	Gasket	2	C3	Carabiner	2



B1

B2

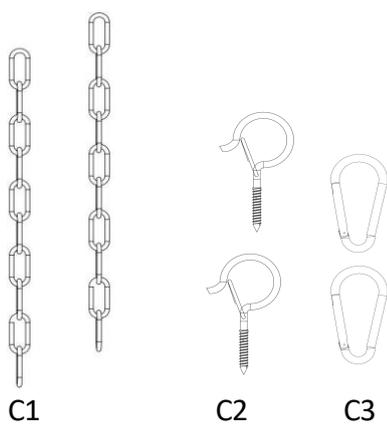
B3

B4

B5

B6

B7



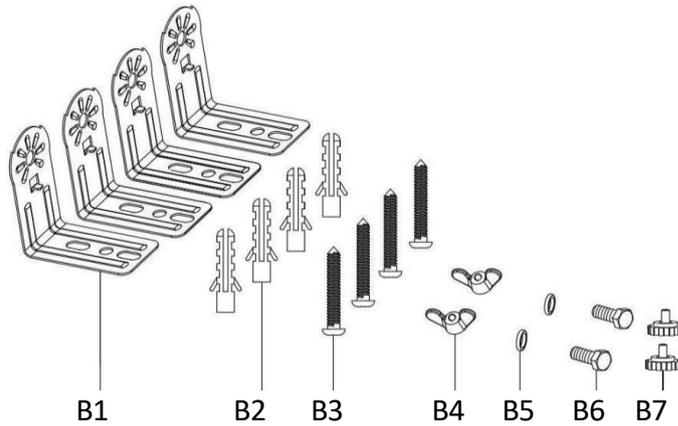
C1

C2

C3

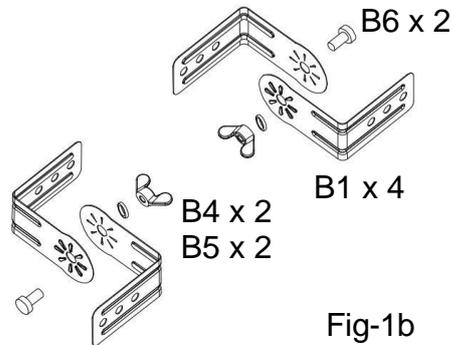
## Installation Hardware for Wall/Ceiling Mounted

No.	Desc.	Qty
B1	L shaped bracket	4
B2	Plastic anchor	4
B3	Screw	4
B4	Wing nut	2
B5	Gasket	2
B6	Screw	2
B7	Handle screw	2

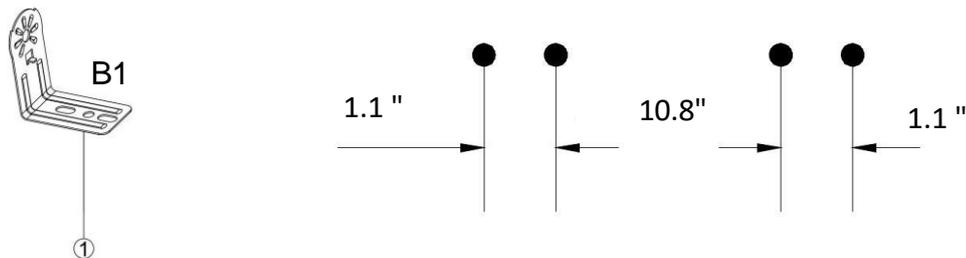


### Wall/Ceiling Mounting step

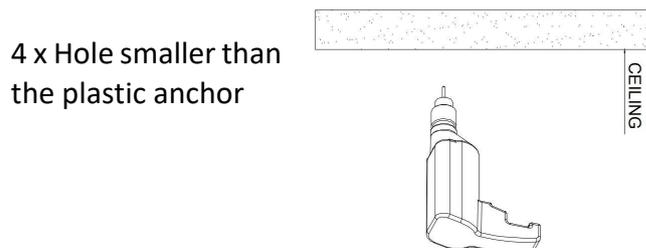
1. Assemble the 4 L-shaped bracket (B1) with the screws (B6), gaskets (B5) and nuts (B4) as shown in Fig-1b.



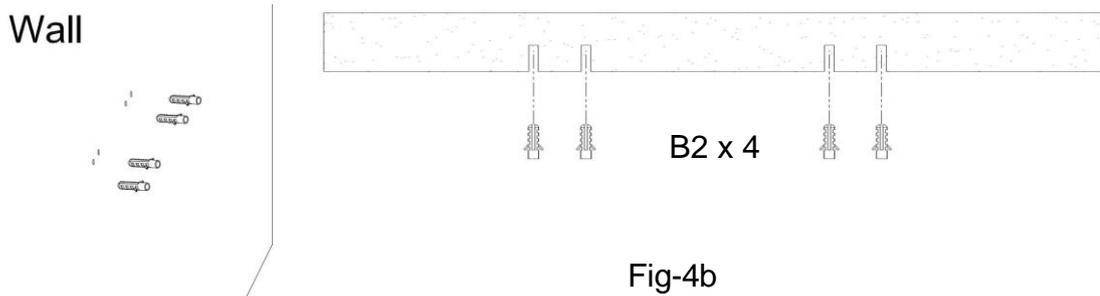
2. Mark the locations using the provided dimensions in Fig-2b and the holes on the L-bracket as a guide.



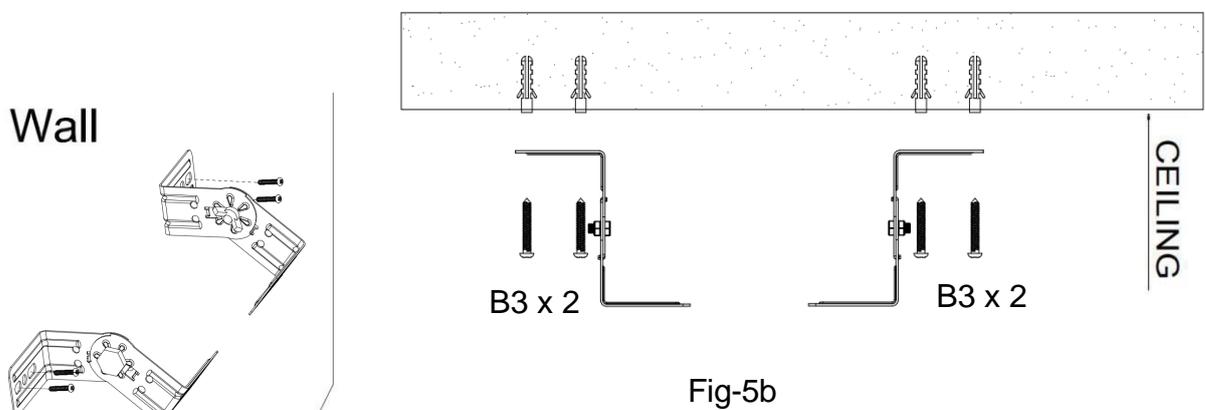
3. Drill holes with a diameter drill bit, which is smaller than the plastic anchor (B2) as shown in Fig-3b.



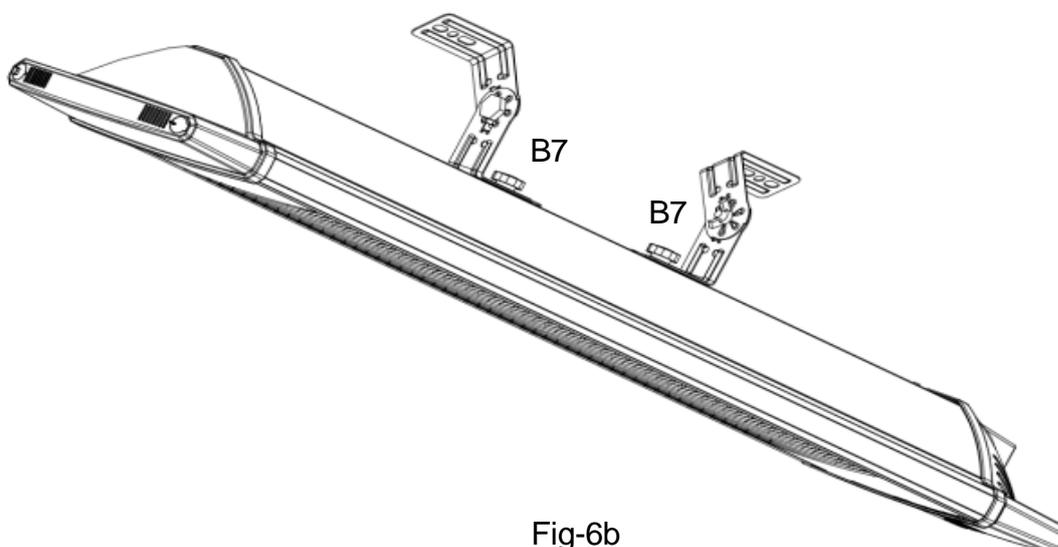
4. Insert the pointed end of plastic anchors (B2) into the holes as shown in Fig-4b. Tap the anchor with a hammer until it is flush with the wall.



5. Use a screwdriver to mount the assembled L-shaped bracket (B1) to the anchors with screws (B3) as shown in Fig-5b.

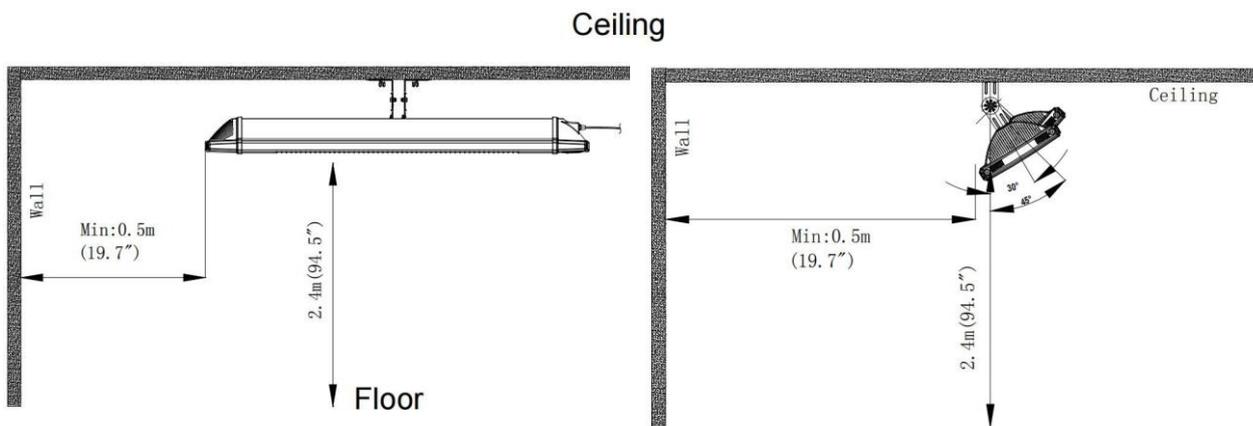
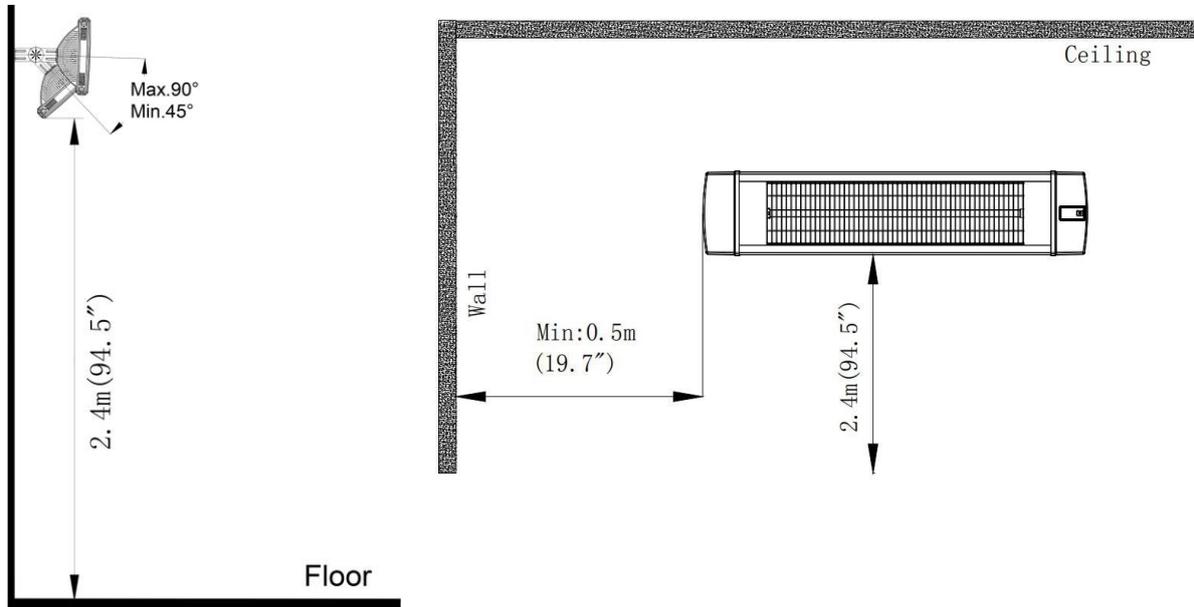


6. Fasten the heater on the L-shaped bracket with Handle screw (B7) on the back of heater as shown in Fig-6b.



Ensure main power is OFF before commencing installation.

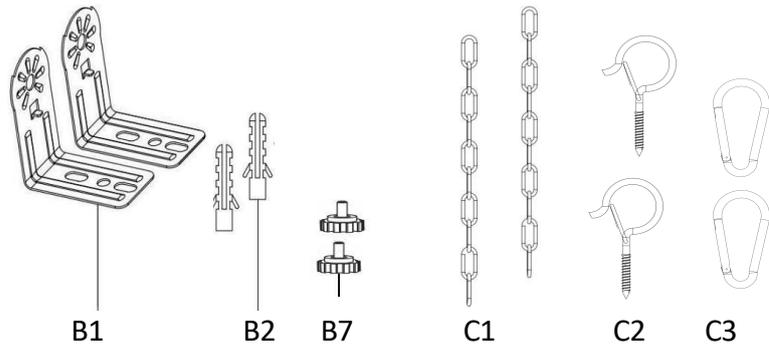
The supplied main cable must not contact the top surface of the heater during operation.



**Min 2.4m/94.5" distance from the heater to the ground.**

## Installation Hardware for Chain Mounted

No.	Desc.	Qty
B1	L shaped bracket	2
B2	Plastic anchor	2
B7	Handle screw	2
C1	Chain	2
C2	Screw hook	2
C3	Carabiner	2



### Chain Mounting step

1. Mark the positions according to the dimensions illustrated in Fig-1c.

Ceiling-Mounted Height: keep at least 2.4m/94.5" distance between the heater and the floor.

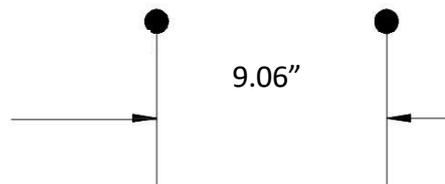


Fig-1c

2. Drill holes with a diameter drill bit, which is smaller than the plastic anchor (C3) as shown in Fig-2c.

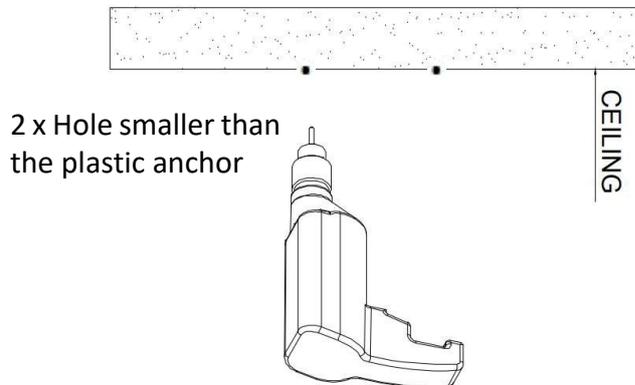


Fig-2c

3. Insert the point end of plastic anchor (B2) into the holes and tap the anchor with a hammer until it is flush as shown in Fig-3c.

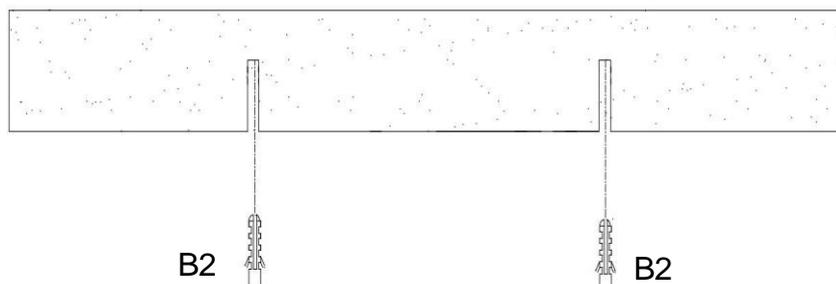
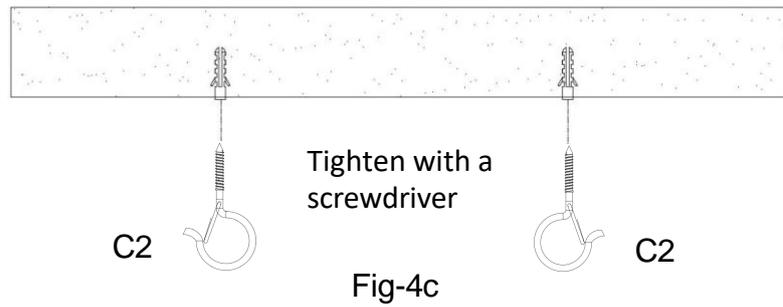
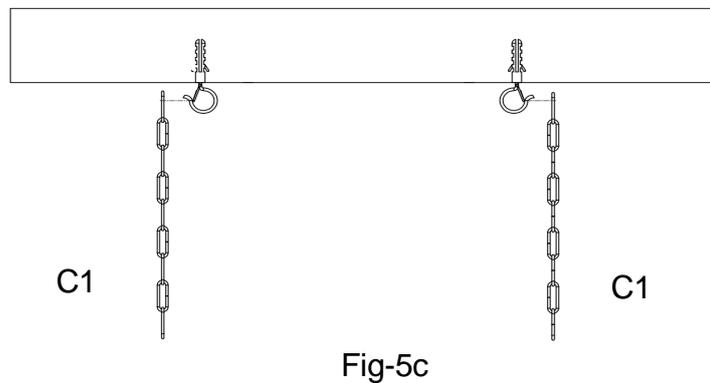


Fig-3c

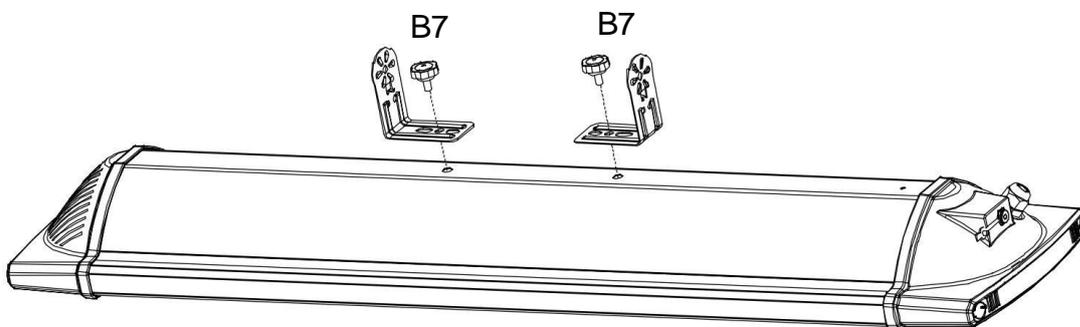
4. Tighten the screw hook (C2) with screwdriver into the plastic anchor as shown in Fig-4c.



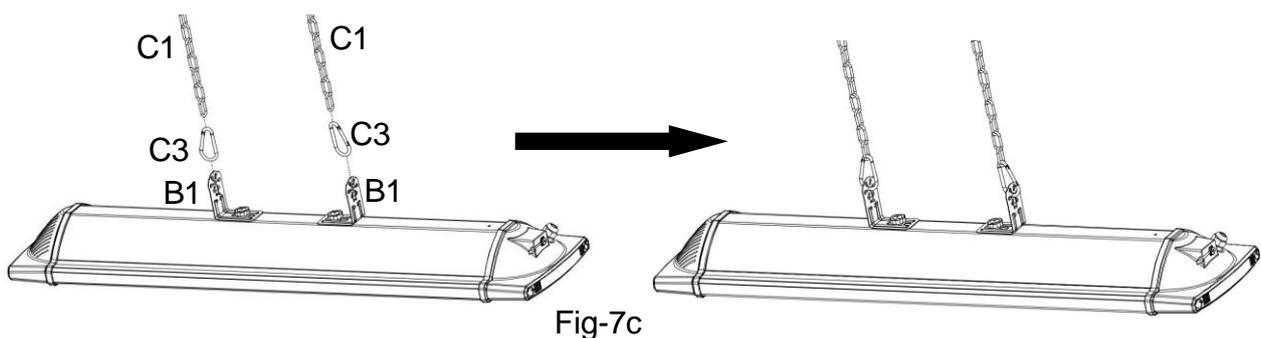
5. Measure the required chain length before clipping it into the screw hook. Clip the chain (C1) into the screw hook as shown in Fig-5c. Keep at least 2.4m/94.5" distance from the heater to the ground.



6. Tighten the Handle screw (B7) on the back of the heater as shown in Fig-6c.

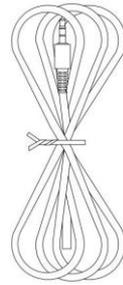


7. Connect the chain (C1) to the L-shaped bracket (B1) located on the back of the heater with the Carabiner (C3) as shown in Fig-7c. **Min 2.4m/94.5" distance from the heater to the ground.**

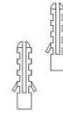


## Temperature Probe mounted accessories parts

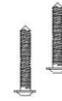
No.	Desc.	Qty
P1	Temperature probe	1
P2	Plastic anchor	2
P3	Screw	2
P4	holder	1



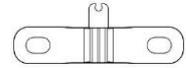
P1



P2



P3



P4

## Mounting step

1. Mark the positions according to the dimensions illustrated in Fig-1a.

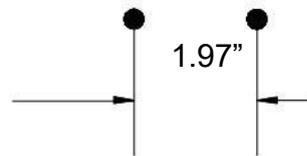


Fig-1a

2. Drill holes with a diameter drill bit, which is smaller than the plastic anchors as shown in Fig-2a.

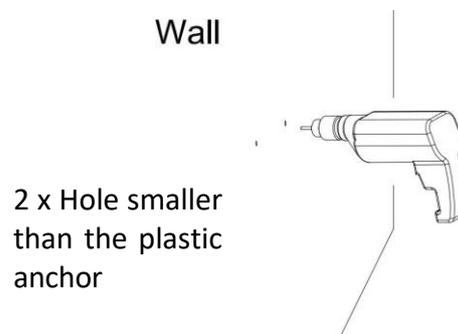
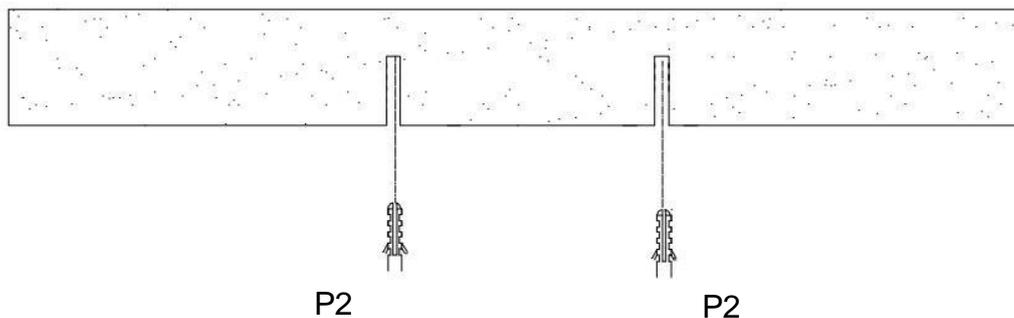


Fig-2a

3. Insert the pointed end of plastic anchor (P2) into the holes as shown in Fig-3a. Tap the anchor with a hammer until it is flush with the wall.



P2

P2

Fig-3a

4. Using a screwdriver mount the holder (P4) to the anchors using screws (P3) as shown in Fig-4a.

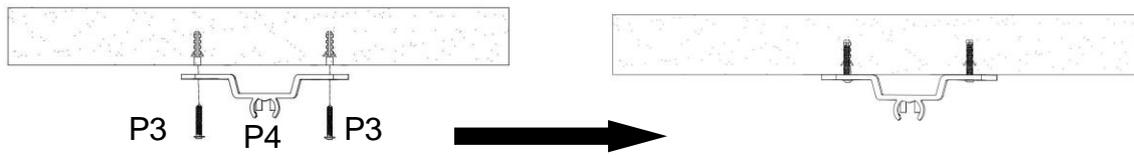


Fig-4a

5. Insert the pin into the heater and attach the temperature probe into the holder (P4) as shown in Fig-5a.

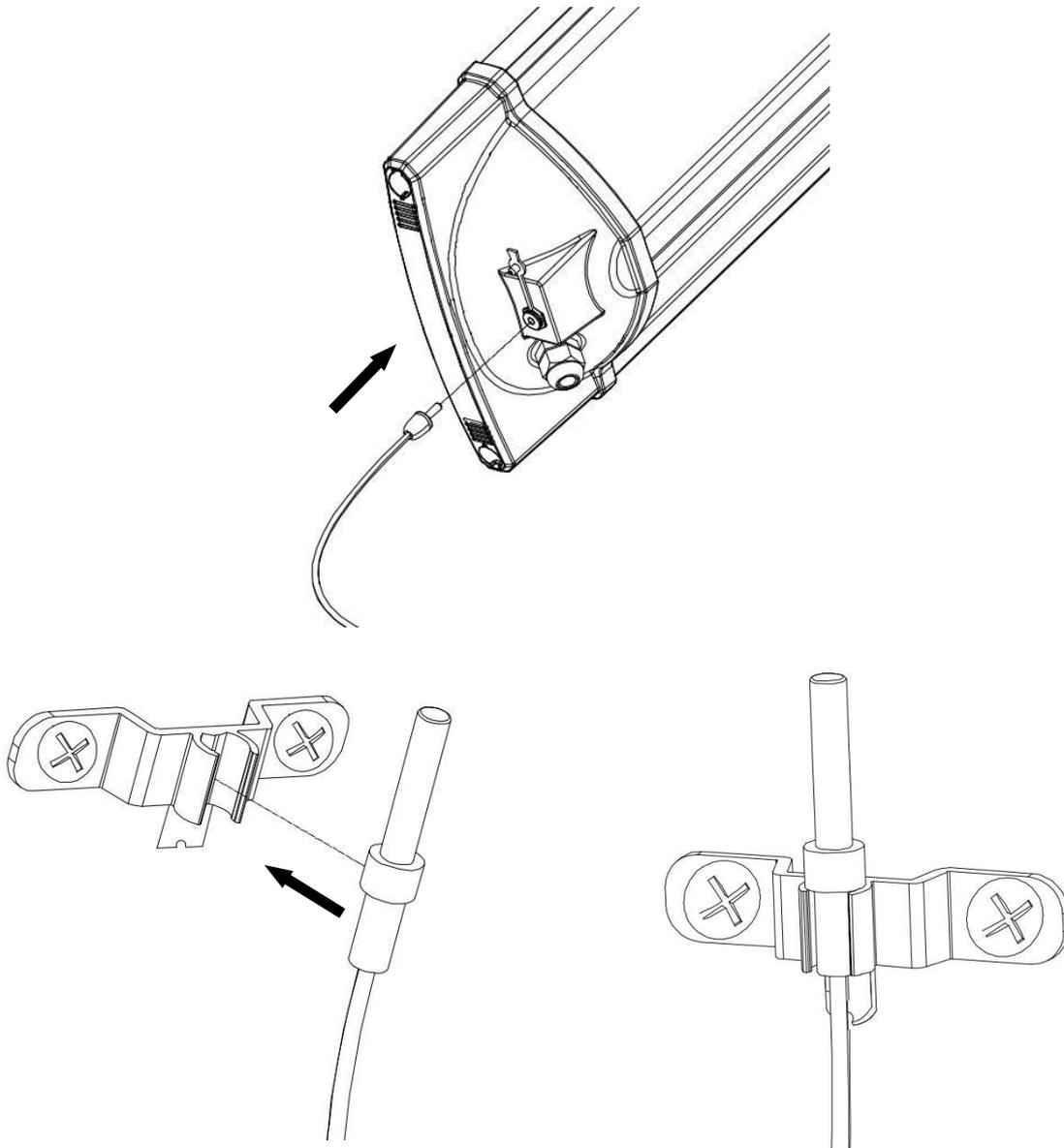


Fig-5a

# FUNCTION & OPERATION

## Indicator light on the heater

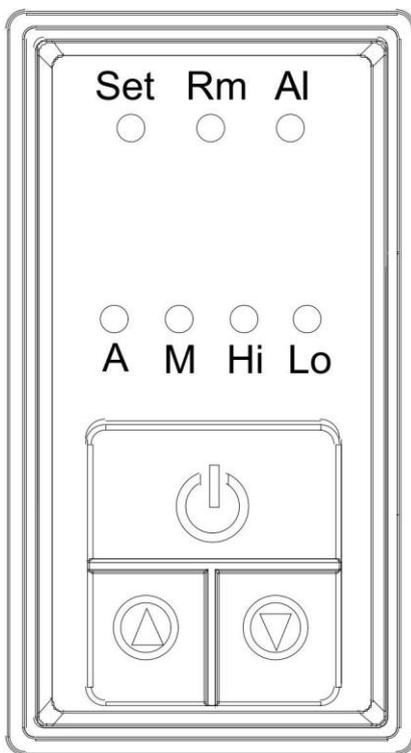
Set: Set Temperature  
A: Auto Mode  
Hi: High heating level

Rm: Room Temperature  
M: Manual Mode  
Lo: Low heating level

AI: Smart Mode

Apply power to the heater. The heater will be on standby mode, displays (- - -) on LED screen.

## Operating the heater



Power Button

1. Standby (---) , 2. Auto (Hi heat level) , 3. Manual (Hi heat level) , 4. Manual (Lo heat level) , 5. Standby (---)



Up Button

### Auto mode

Increase the setting temperature 1 °F every increment.  
Temperature setting range 30°F -120°F



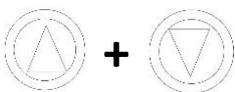
Down Button

### Auto mode

Decrease the setting temperature 1 °F every decrement.  
Temperature setting range 30°F -120°F

## In Auto Mode

Press UP BUTTON and DOWN BUTTON together and hold for 2 seconds, the Rm lights up, and display will show room temperature

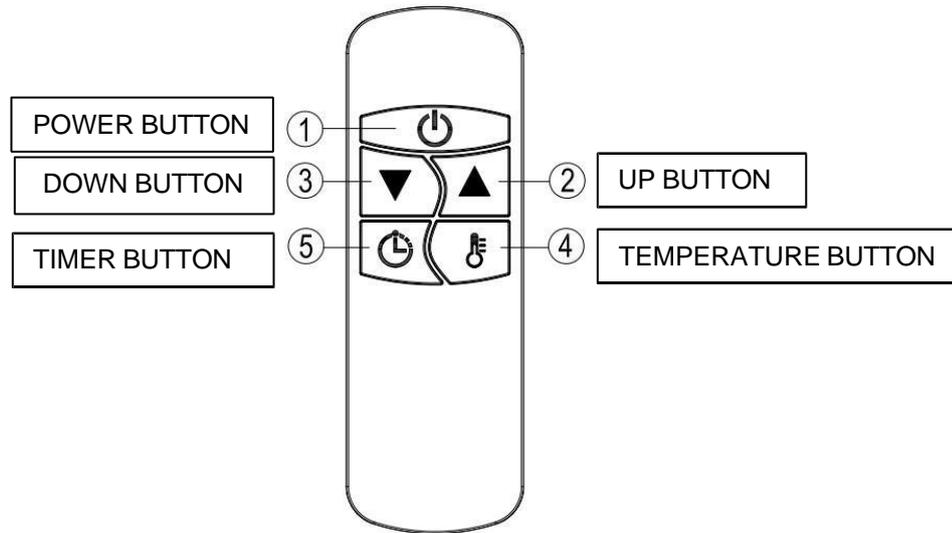


Hold 2 seconds, display shows room temperature



Release in 30 seconds, display shows set temperature

## Remote Control Instructions



### POWER BUTTON

1. Standby (---) , 2. Auto (Hi heat level) , 3. Manual (Hi heat level) , 4. Manual (Lo heat level) , 5. Standby (---)

### UP BUTTON

Increase the setting temperature 1 °F every increment in Auto Mode (30°F -120°F)  
Increase the timer 1 H every increment (0H-24H)

### DOWN BUTTON

Decrease the setting temperature 1 °F every increment in Auto Mode (30°F -120°F)  
Decrease the timer 1 H every decrement (0H-24H)

### TEMPERATURE BUTTON (Operates only in Auto Mode)

Switch the room temperature and setting temperature on display

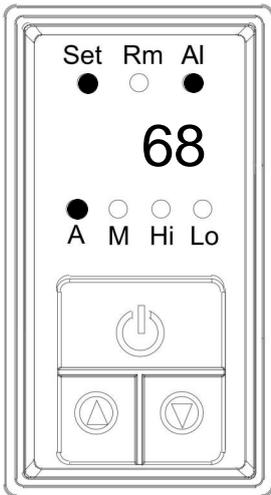
Show room temperature, Rm lights up

Show set temperature, Set lights up

### TIMER BUTTON

To set the timer, press the timer button. Use the UP/DOWN buttons to set countdown timer. Timer range is 0H – 24H, every increment is 1 hour. Heater will turn off when the timer expires. Set time to 0H to disable timer.

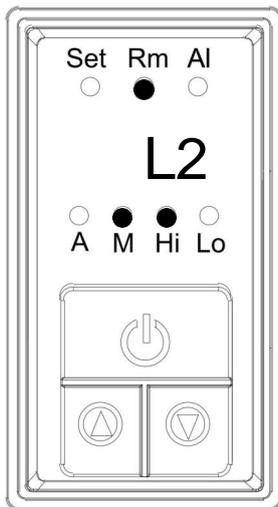
**Remark: In auto mode.**



Heating lamp not working: **Set + AI + A** light up.  
Display shows digital (e.g. 68)

The temperature setting is lower than the room temperature, the heater is in standby mode. When the room temperature drops, it will heat automatically.

**Remark: If temperature probe does not attach on the heater.**



The **AI light is off**, only the POWER button could be used for MANUAL MODE

**Rm + M + Hi (or Lo)** light up. Display shows L2 (or L1)

1	2
Standby (---)	M & Hi heat level (L2)
3	4
M & Lo heat level (L1)	Standby (---)

### **Inserting Batteries (not included)**

Insert two AAA/ Alkaline type batteries into the remote control.

1. Flip the backside of the remote control and pull out the battery cover. Insert the batteries according to the instructions and battery polarities.
2. Replace the batteries in the same manner as shown above.

## **NOTICE:**

1. Replace the old batteries with the same type batteries. Otherwise, your heater may not function well.
2. Remove the batteries if the heater will not be used for an extended period of time to prevent leakage that may damage your remote control.
3. Do not allow water or liquid to get into the remote control.

## **Caution:**

When the heater is not in use for an extended period, during cleaning or maintenance, or when the heater's usage scenario changes, it should be turned OFF and unplugged from the electrical outlet.

Periodic inspection and removal of dirt and contaminants will ensure safe operation of the equipment.

## **Troubleshooting**

1. Check if the power cord is plugged into an electrical outlet, if not, plug it.
2. Check if electricity to the main fuse is working.

### **3. Error code shows on display**

E1 Error on Display: Control unit overheat. Check installation clearances.

Let the heater cool for 15 minutes and then restart it.

## **MAINTENANCE**

**Attention!** Careful and regular maintenance of your heater, following our instructions, is crucial to ensure long and efficient operation of your appliance.

1. Check the cleanliness of the Reflector and IR-Filament at least once a month. If necessary, follow the cleaning and maintenance instructions.
2. The frequency of checks may be increased depending on the amount of dust in the environment.
3. Visually inspect the Reflector, Wire and Frame for any deformation while cleaning the appliance. If deformation is found, contact the service team.
4. Visually inspect the Power Cord and Plug while cleaning the appliance. If deformation is found, contact the service team.

## **CLEANING**

Regular and careful cleaning helps your infrared heater operate efficiently for many trouble-free years. To clean the heater, follow the steps below:

1. Unplug the power cord for your safety before cleaning your appliance.
2. Ensure the heater is cool before proceeding.
3. To keep the heater clean, wipe the outer housing with a soft, damp cloth. You may use a mild detergent if necessary. After cleaning, dry the unit with a soft cloth. (CAUTION: AVOID letting liquids enter the heater).
4. DO NOT use alcohol, gasoline, abrasive powders, furniture polish, or rough brushes to clean the heater, as these may damage or deteriorate its surface.
5. DO NOT immerse the heater in water.
6. Wait until the heater is completely dry before use.

**Storage:** Store the heater in a cool, dry location when not in use to prevent dust and dirt build up. Use the packaging carton for storage.

## **ATTENTION:**

1. Always disconnect the heater from the electricity supply and allow it to cool before attempting any maintenance.
2. If the heater has collected dust or dirt inside the unit or around the heating element, have it cleaned by a qualified service agent. Do not operate the heater in this condition.
3. The only regular maintenance required is cleaning the external surfaces of the heater.
4. Do not touch the heating element with bare fingers, as residue from your hand could affect the lifespan of the lamp. If it is accidentally touched, remove finger marks with a soft cloth moistened with mentholated spirit or alcohol.
5. Do not attempt to repair or adjust any electrical or mechanical functions on this heater.
6. The heater contains no user-serviceable parts. If the product is damaged or malfunctions, it must be returned to the manufacturer or a service agent.
7. Damaged supply cords should be replaced by the manufacturer, service agent, or similarly qualified person to avoid hazards.
8. A disconnecting switch incorporated in the fixed wiring must be provided.

## **RECYCLING**

At the end of the electrical product's lifespan, it should not be disposed of as household waste. Please recycle where facilities are available. Check with your local authority or retailer for recycling advice in your country.

## Warranty Information

Register your product at our website:



Or visit [DrHeaterUSA.com/register-your-heater](https://www.DrHeaterUSA.com/register-your-heater)

## Feedback

Love it? Help us make the product more for you.



Let us know with a customer review.

Please visit: <https://www.amazon.com/review/review-your-purchases#>

At Dr. Heater USA, we are committed to bringing top quality alternative & supplemental heating products to our customers.

**Note:** There may be a trace of smoke or odor when the unit is first operated. Do not be alarmed. This indicates a drop of oil fell on the interior coils during the manufacturing process. It will quickly evaporate and should not recur.

## How long is the warranty?

This heater comes with a ONE-YEAR LIMITED COMPONENT WARRANTY. If your unit does not appear to be working properly, please contact our service center by calling 1-800-317-1688. Prior to your call, we encourage you to visit our service-related website [www.DrHeaterUSA.com](http://www.DrHeaterUSA.com) for troubleshooting tips and service instructions if needed.

Dr. Infrared Heater  
860 Mahler Rd, Burlingame CA 94010  
Tel: 1-800-317-1688  
EMAIL: [SERVICE@DRHEATERUSA.COM](mailto:SERVICE@DRHEATERUSA.COM)

