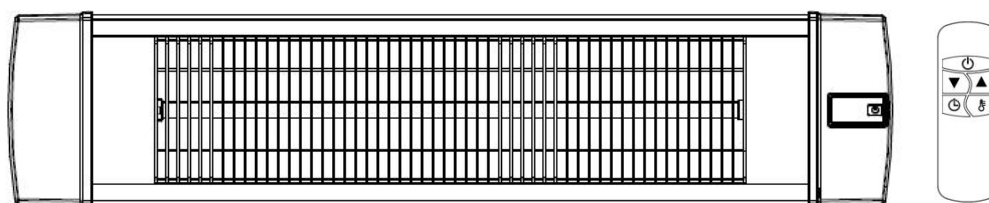




Carbon Infrared Heater Indoor/Outdoor Ceiling-Mount and Wall-Mount



Owner's Manual Model No.: DR-368

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

DO NOT RETURN TO 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 RETAINED 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 can be dangerous. Observing the following procedures will reduce the risk of fire, electric shock, injury to persons and keep installation time to a minimum. Save these instructions for future use.

1. Read all instruction before using this heater.
2. Remove the unit from it's packaging and check to make sure it is in good condition before using.
3. Keep the 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, be sure your hands are dry to avoid electric shock.
7. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials at least 3 feet (0.9 m) away from the front, sides and rear of the heater.
8. Extreme caution is necessary when any heater is used by or near children or individual and whenever the heater is left operating and unattended.
9. Do not use near or in the immediate vicinity of a bath or swimming pool or any source of liquid.
10. To protect against electric shock, do not immerse cord or plug in water or any other liquid.
11. Do not insert or allow foreign objects to enter any ventilation or exhaust opening, as this may cause an electric shock, fire or damage to the heater.
12. Always unplug the heater when not in use.
13. Connect to properly grounded outlets only.
14. Always plug heater directly into a wall outlet/receptacle. Never use an extension cord or relocatable power tap (outlet/power strip).
15. Do not allow cord to overhang the countertop where it can be easily pulled by children.
16. Do not put fingers or foreign objects into the grill while in operation.
17. Do not leave the appliance unattended when in use.

18. This heater is not intended to be used in bathrooms, laundry areas, and similar indoor areas. Never put a heater where it may fall into a bathtub or other water container.
19. No liability can be accepted for any damage caused by non-compliance with these instructions or any other improper use or mishandling.
20. This appliance is not intended to be used by individuals (including children) with physical or mental impairments, or lack of relevant experience and knowledge unless they are under the supervision and guidance of their guardians who responsible for their safety.
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 any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Discard heater, or return to an authorized service facility for examination and/or repair.
23. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
24. To disconnect heater, turn controls to off, then remove plug from outlet.
25. To avoid potential fire issues, do not block air intakes or exhaust in any manner. Do not use the heater on soft surfaces like bed, sofa where may cause the air openings blocked. **DO NOT COVER IT.**
26. A heater has hot and 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 hot surface.
28. **NEVER** 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.

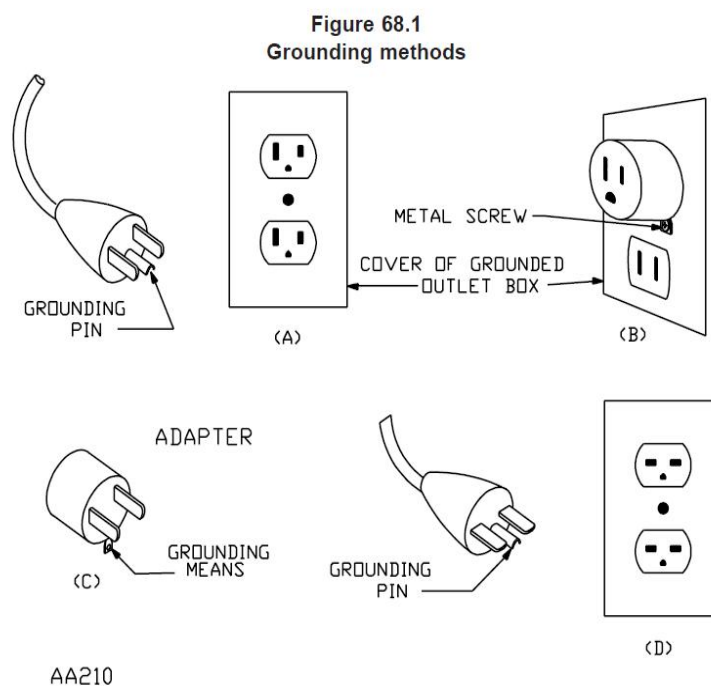
SAVE THESE INSTRUCTIONS

Introduction

The DR-368 carbon infrared heater produces instant and comfortable heat like the sun. This heater is designed for both indoor and outdoor areas.

Model	DR-368
Voltage(V)	120V AC
Wattage(W)	1500W
Hertz (Hz)	60
Dimensions W×H×D(in.)	34.6 x 7.69 x 3.33
Weight (lb)	7.5

This heater is designed for 120 volts 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 lug 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.



Product Features

CLEAN AND INSTANT HEAT with 3 POWER SETTING

Clean, instant, and odorless infrared heat with 3 power settings, 900W, 1200W, 1500W. 120V, 60Hz.

HIGH-EFFICIENCY REFLECTOR AND CARBON INFRARED ELEMENT

Precision mirror aluminum reflector with 90% reflection efficiency. Carbon infrared elements heat the person but not the object, which is ideal for patio heating.

INDOOR AND OUTDOOR USAGE

The heater is suitable for both indoor and outdoor usage. Constructed with double layer and fully sealed aluminum housing, it's featured with great insulation.

FREESTANDING AND WALL/CEILING MOUNTED

A lightweight and sturdy tripod allows portable installation.

TIP-OVER PROTECTION

Tip-over protection to ensure safe operation. The unit will shut down immediately if tips over or fell to prevent tip-over-related hazards.

INSTALLATION

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

ATTENTION! The appliance must be installed on the solid surfaces like concrete, wood or metal etc.

Important: Ensure that the supply cables is well mounted and that it does not come into contact with reflector of the heater or that does not trail into heated area, the supply cable can be fixed to the metal mounting bracket behind heater with plastic zip ties.

1. This heater should be installed by a competent person, i.e. a qualified electrician.
2. Always disconnected the heater from the electricity supply and allow it to cool before installation.
3. For both wall and ceiling mounting, the lowest part of the heater must be located at or above a minimum height of 2.4m/94.5" from ground level, so that the heater cannot be touched when in operation.
4. There must be a 2.4m/94.5" distance from your appliance to the ground.
5. The distance from your appliance from the corners should be min. 0.4m/15.8" for vertical use and min. 0.5m/19.7" for horizontal use.
6. When installed to the ceiling, there must be a distance of 0.5m/19.7" between corners and the appliance.
7. The distance of your appliance from the living beings is to be min 1m/39.4".
8. The distance from the front side of the heater to materials such as wood, carton, cloth etc., must be min 1m/39.4".
9. When mounting horizontally or to a ceiling, do not position the heater at an angle more than 90° and less than 45°.
10. Keep the supply cord away from the body of the heater which will get hot during use.
11. Do not install the heater on an inflammable surface.
12. Observe the minimum safe distance between the heater body and the inflammable surfaces when mounted.
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 weather-proof 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 on the mounting brackets provided.
17. Fasten the brackets securely to the mounting surface and the backside of the heater using the nuts and screws supplied.
18. Fasten the heater securely on the brackets using the nuts and bolts supplied.
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, tighten the bolts again when the desired angle is reached.

Remove the heater from the tripod stand

The ceiling/wall mount will reuse part of the hardware from the tripod mount installation. Follow the steps below to remove the heater from the tripod stand.

Installing heater out of the box on to ceiling or wall, skip the protection bracket removal steps. Go directly to Ceiling or Wall Mount Installation steps.

1. Take off the 2 wing nuts (H6) on the heater and loosen the 2 screws on the top of the heater using the screwdriver(T2) as shown in Fig - 1.

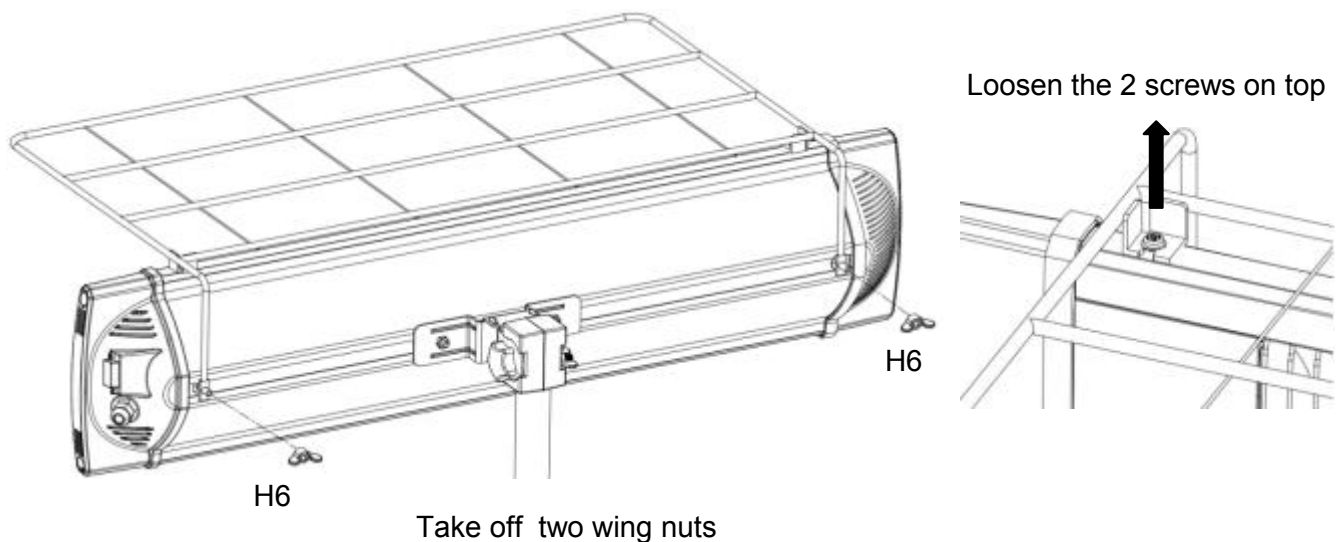


Fig - 1

2. Remove the protection bracket and tighten back two screws on top after the protection bracket is removed as shown in Fig - 2. The protecting bracket is not needed for ceiling/wall mount.

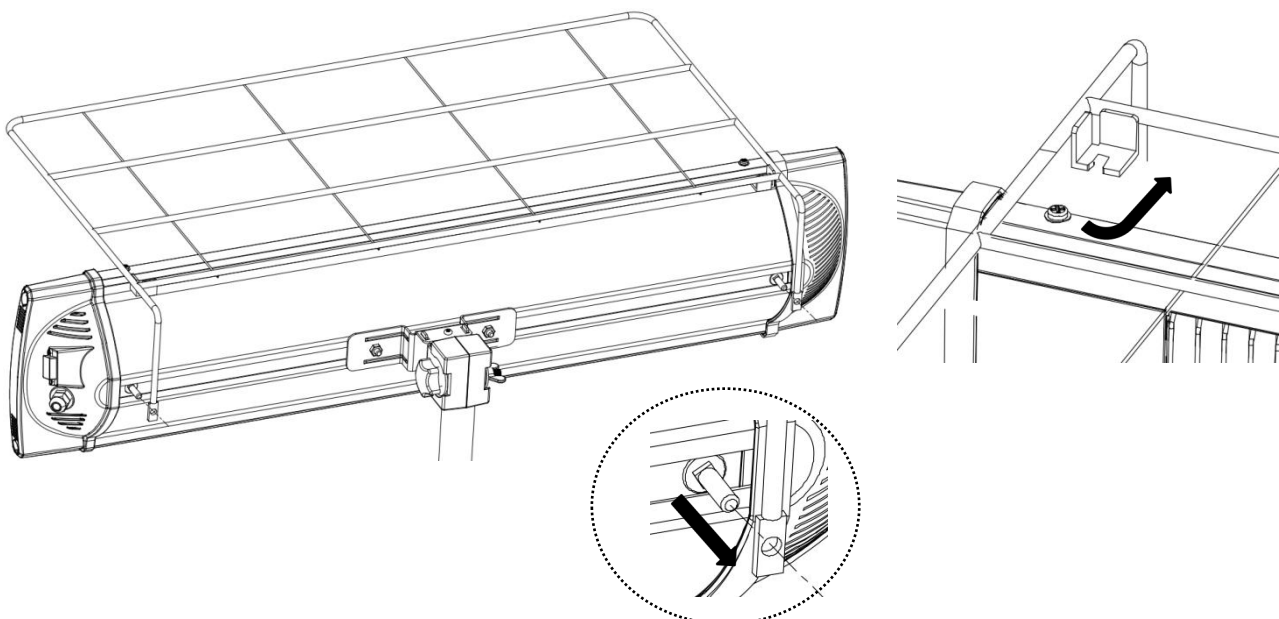


Fig - 2

3. After removed the protection bracket, tighten the screws from Step 2 back on the top of the heater using the screwdriver as shown in Fig - 3.

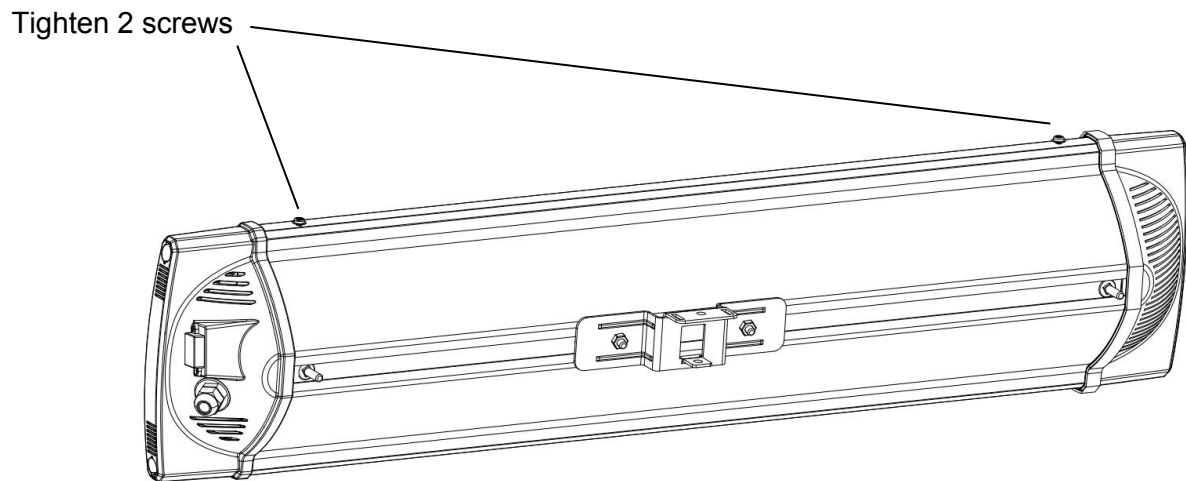


Fig - 3

4. Take off the long screw (H7) with wing nut (H6) as shown in Fig - 4

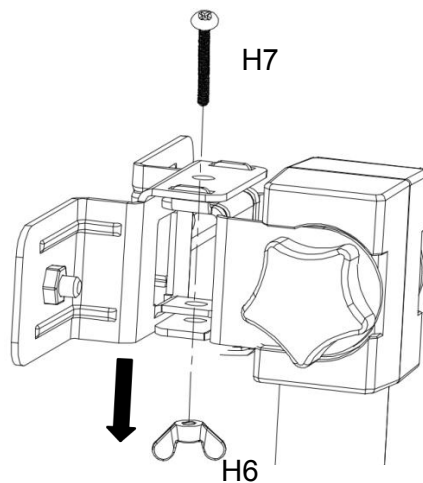


Fig - 4

5. Remove the heater's bracket on the stand's bracket as shown in Fig - 5. Keep the heater for **Ceiling or Wall Mount Installation..**

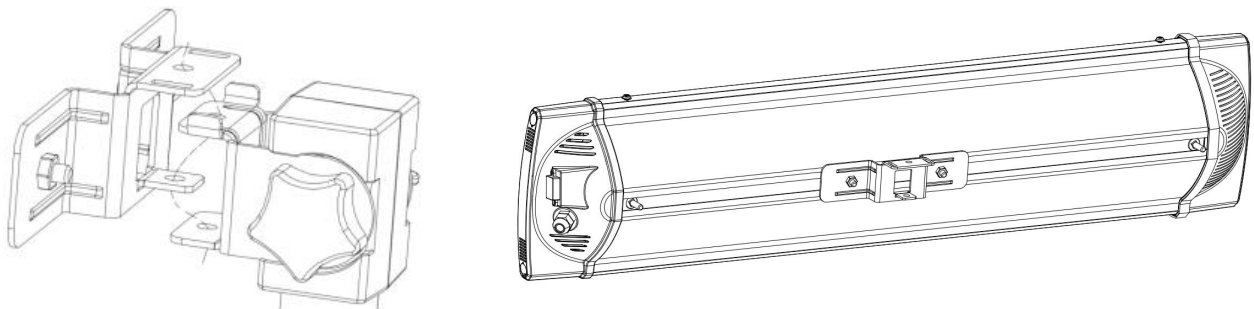
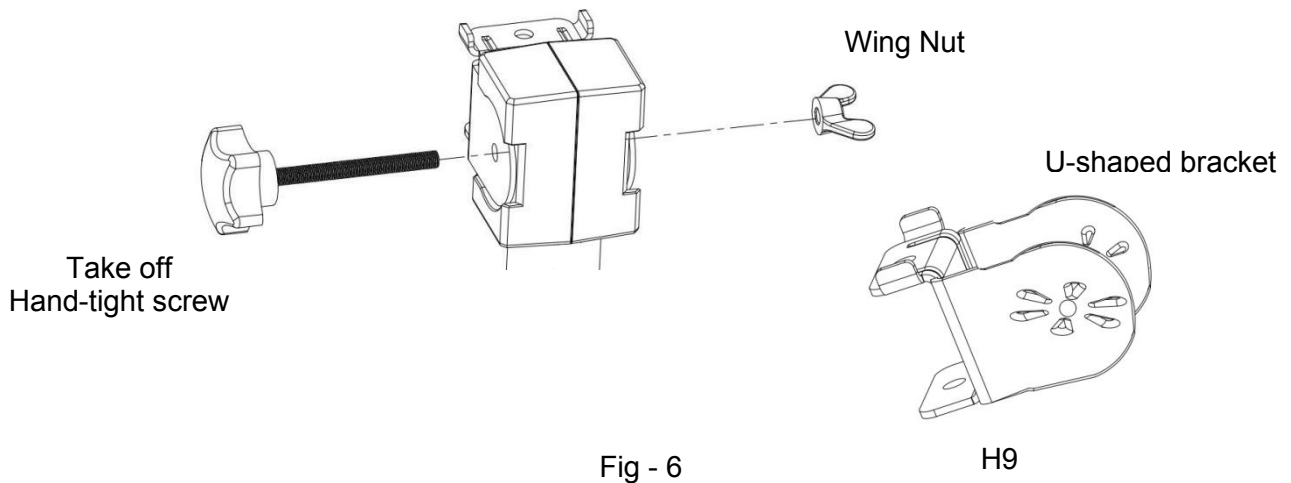
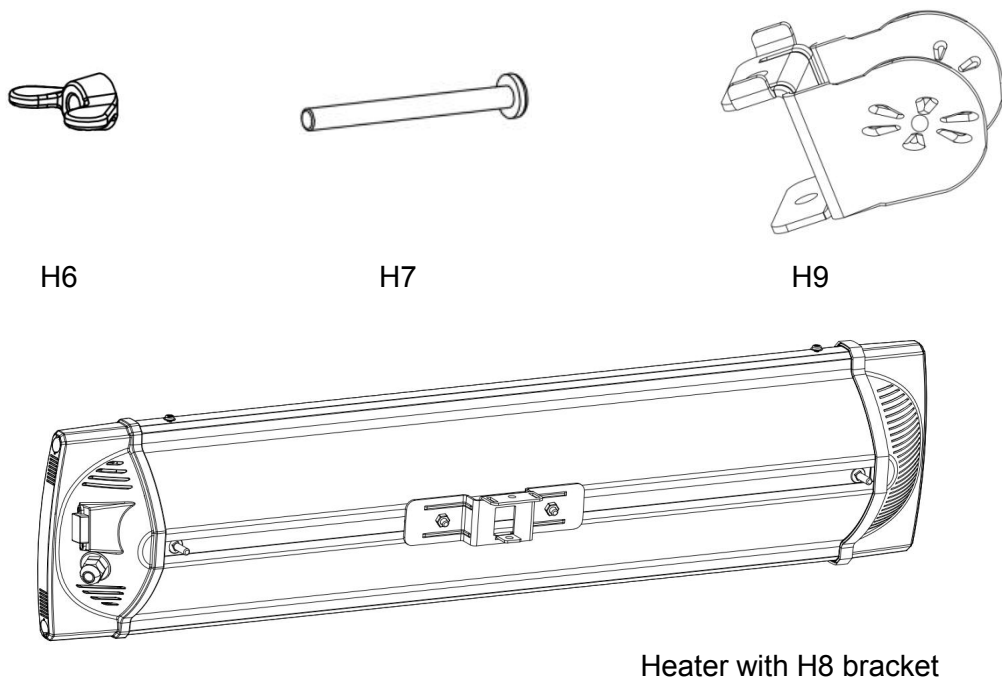


Fig - 5

6. Take off the hand-tight screw and the wing nut that' s already installed on the stand. Disassemble and remove the U-shaped bracket (H9) from the stand as shown in Fig - 6. Keep the U-shaped brackets for later installation steps.

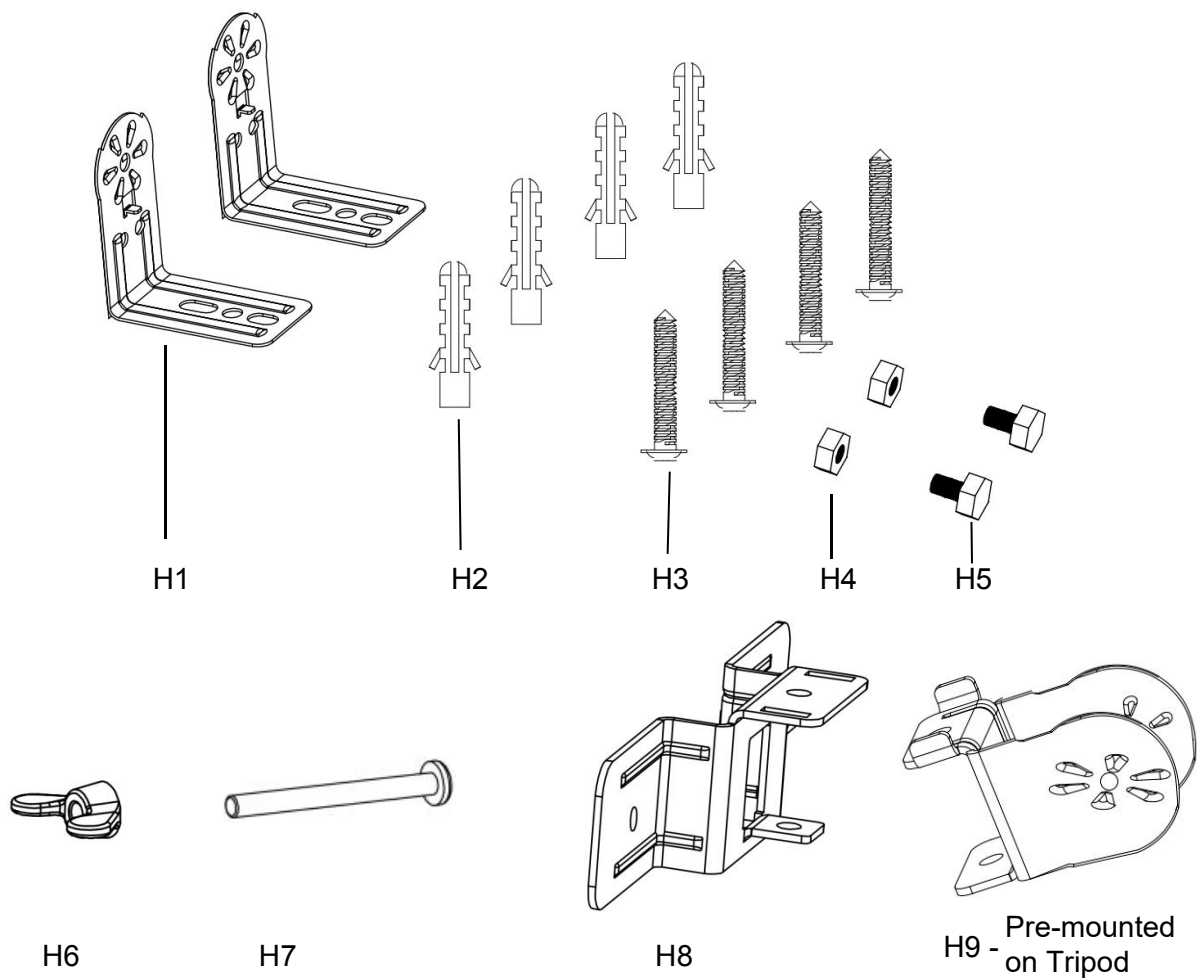


7. Keep the removed hardware for **Ceiling or Wall Mount Installation** as shown in Fig-7.



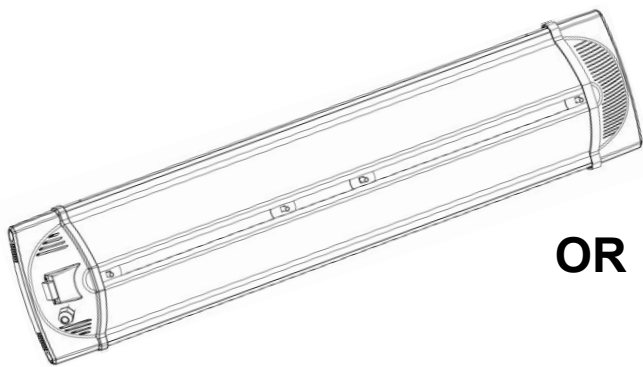
Ceiling or Wall Mount Instruction

Required hardware contents



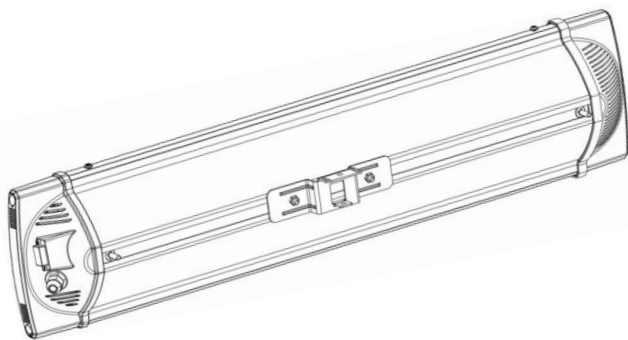
No.	Desc.	Qty
H1	L shaped bracket	2
H2	Plastic anchor	4
H3	Screw	4
H4	Nut	4
H5	Screw	2

No.	Desc.	Qty
H6	Wing Nut	1
H7	Long Screw	1
H8	Bracket	1
H9	U shaped Bracket	1



Heater

OR



Heater with H8 bracket

1. Take off the screw on the heater and slide protective cover to disable tip over switch as show in Fig-1a. **PRESS the switch to disable the tip over function** as show in Fig-1b. Tighten back the screw on the heater as show in Fig-1c.



Fig - 1a

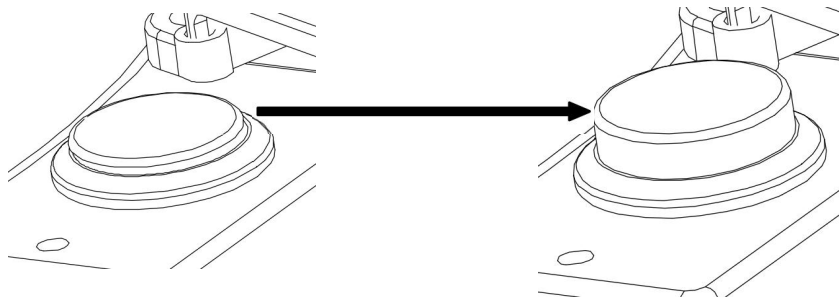


Fig - 1b

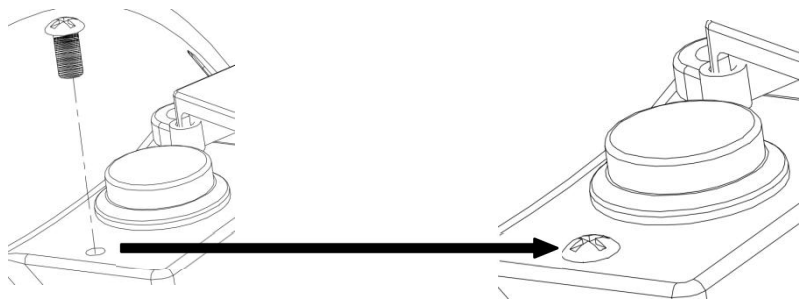


Fig - 1c

2. Assembly the 2 L-shaped bracket (H1) and U shaped bracket(H9) with 2 nuts (H4) and 2 screws (H5) as shown in Fig - 2a.

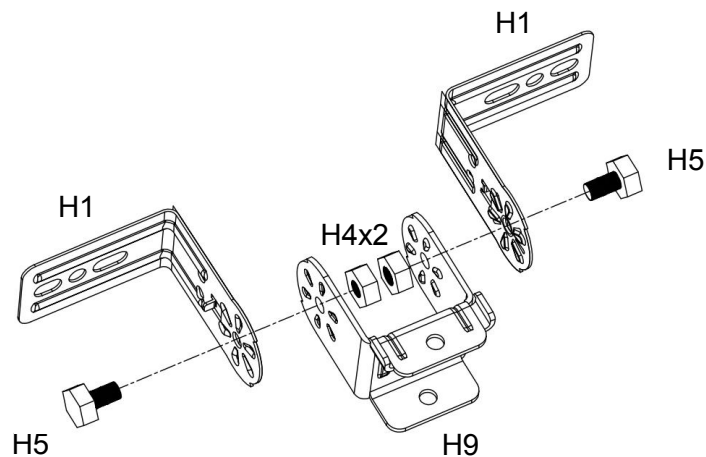
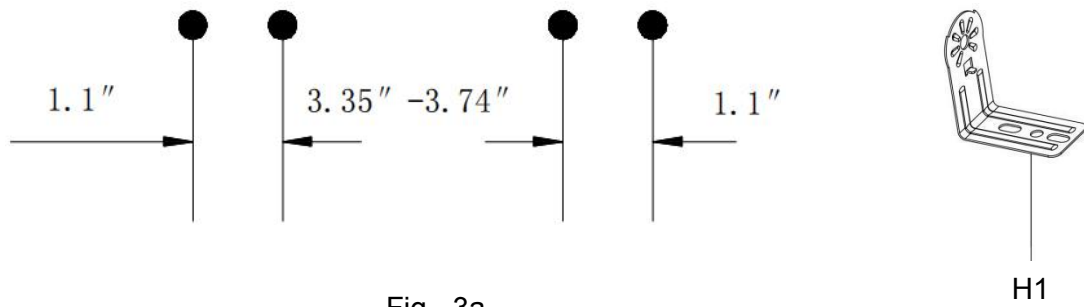
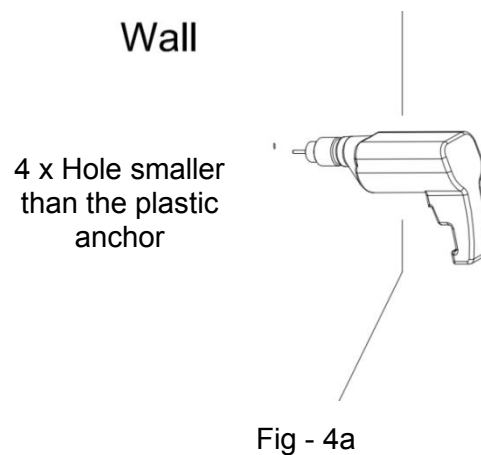


Fig - 2a

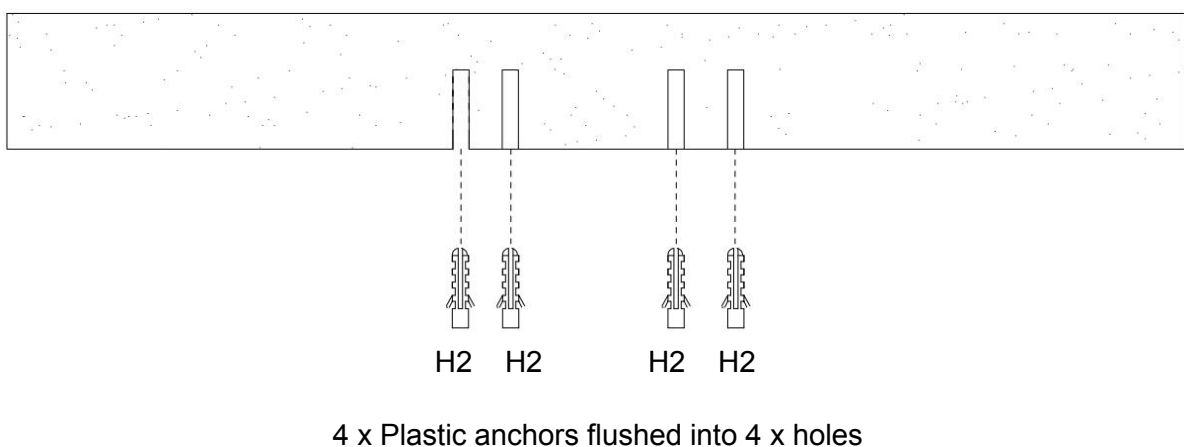
3. Mark the locations using the provided dimensions in Fig - 3a and using the holes on the L-bracket as a guide. Ceiling and Wall Mounting Height: maintain at least 2.4m / 94.5" distance between the heater and the floor.



4. Drill holes with a smaller diameter drill bit than the plastic anchor (H2) as shown in Fig - 4a.



5. Insert the pointed end of the plastic anchor (H2) into the holes as shown in Fig - 5a, tap the anchor with a hammer until the anchor is flush to the wall.



6. Using a screwdriver mount the assembled L-shaped bracket (H1) to the anchors using screws (H3) as shown in Fig - 6a.

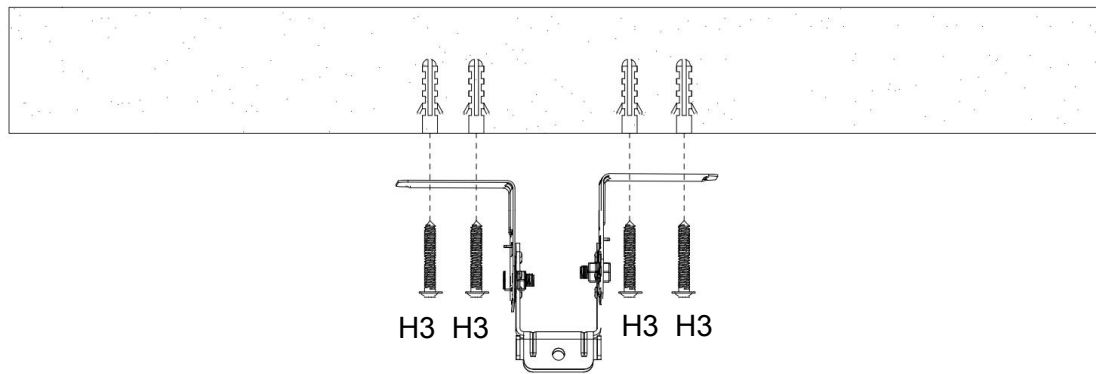


Fig - 6a

7. Hanging the heater's bracket on the U-shaped bracket as shown in Fig-7a. Fasten the long screw (H7) with wing nuts (H6) as shown in Fig - 7b.

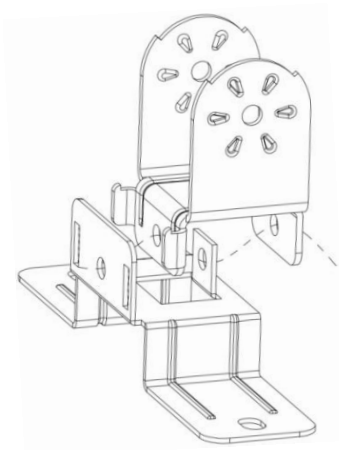


Fig - 7a

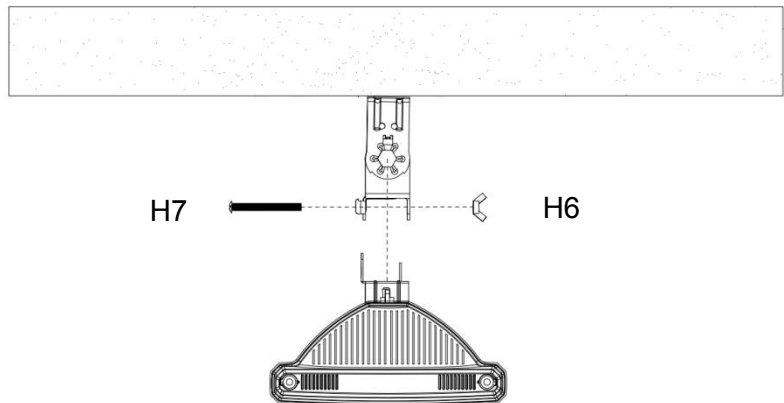


Fig - 7b

8. Mounting Height: maintain at least 2.4m / 94.5” distance from the heater to the ground as shown in Fig - 8a.

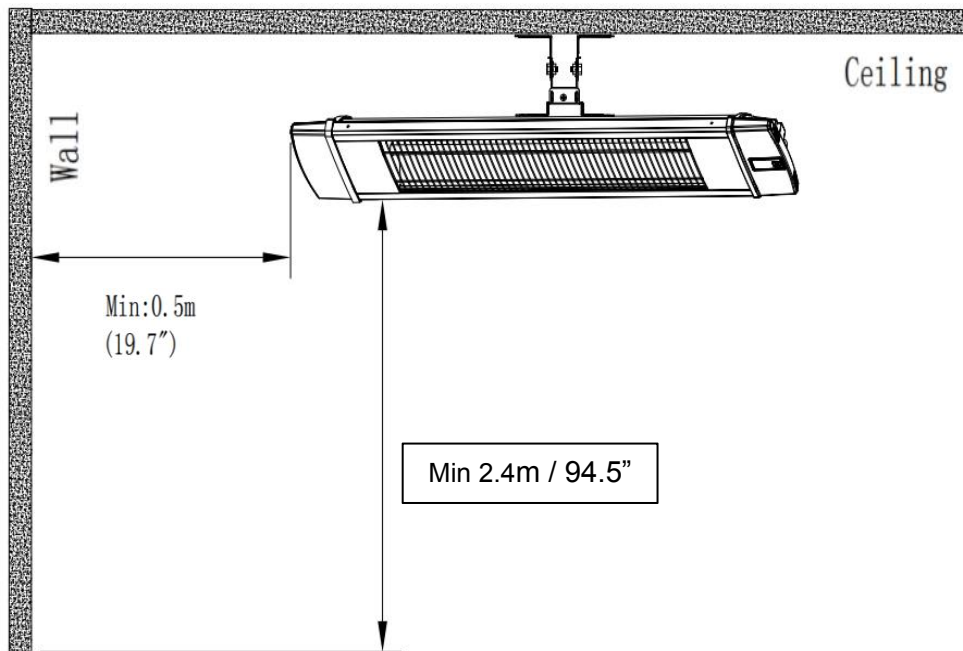


Fig - 8a

Mounting height at least 2.4m / 94.5"
Attention: cable should not pass through the heater

WARNING

THE POWER CORD MUST PLUG INTO A GFCI OUTLET FOR OUTDOOR USE.



Ensure main power is OFF before commencing installation.
The supplied main cable must not contact the surface of the heater during operation.
The mounting height and intensity should reflect the intended use of the heater.

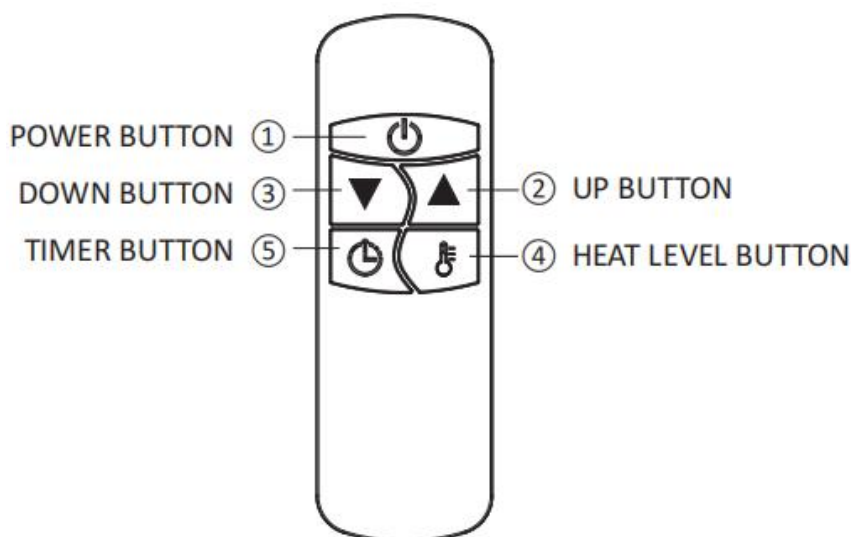
FUNCTION & OPERATION

OPERATING

Operating unit with built-button

1. Apply power to the heater. The heater will be on standby mode display (- -) on LED screen.
2. Press the button on the unit to cycle through the functions, heat levels (L1-L2-L3), standby, and off.

Remote Control Instructions



Turn the heater off.



Increase timer or heat level.



Decrease timer or heat level.

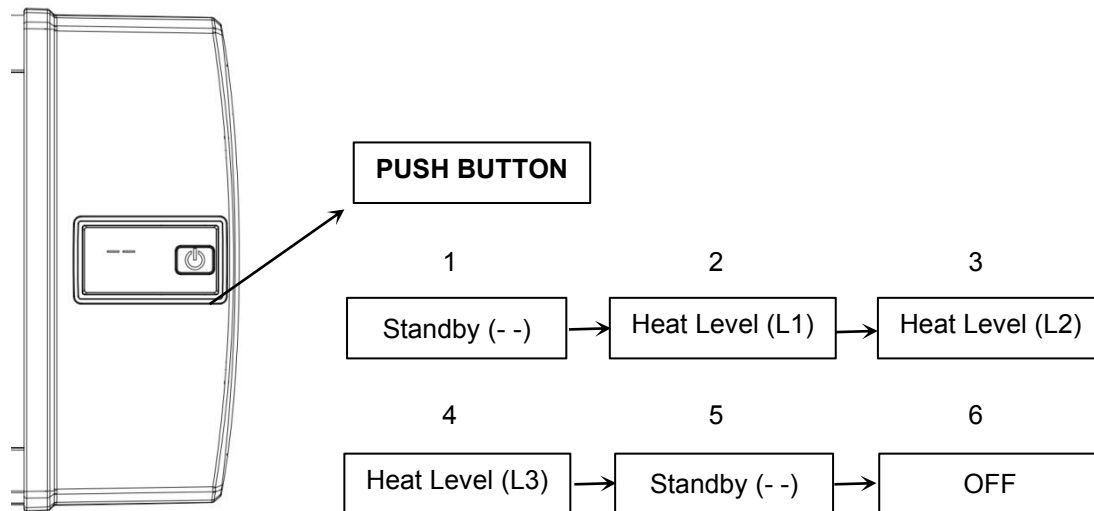


Use to initiate the heat levels change. Press the Heat Level button then use the up and down buttons (buttons 2 and 3) to increase or decrease the heating level.



To set the timer, press the timer button. Use the UP/DOWN button to set count down timer. Timer range is 0H – 9H, every increment is 1 hour. Heater will turn off when timer expires. Set time to 0H to disable timer.

PUSH BUTTON: The heater can be manually operated without the remote control. Use the button on the right side of the heater to cycle to operation modes, Standby, Heat Level (L1, L2, L3).



Inserting Batteries (included)

Insert 2 AAA/ Alkaline type batteries into your remote control.

Flip the backside of your remote control and pull out the battery cover. Insert the batteries in accordance with the instructions and polarity of the batteries.

Change the batteries in the same way depicted above.

NOTICE:

Replace the old batteries with the same type of batteries. Otherwise, your heater may not function well.

Pull out the batteries if the heater is not in use for an extended period of time to prevent leakage which may impair your remote control.

Do not allow water or liquid to get into the remote control.

Caution:

When the appliance is not operated for a long period of time, cleaning or maintenance is conducted or when the location of the heater is changed, the heater should be turned OFF and unplugged from the electrical connection.

Periodic inspection and removal of dirt and contaminants will ensure that equipment can be operated safely.

Troubleshooting

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

3. Error code shows on the display.

E1: Control unit over-temperature protection. Check installation clearances. Let the heater cool for 15 minutes and restart the heater.

E2: Tilt protection. Check the installation angle of the heater. Adjust the angle and restart the heater.

L1,2,3 shows in the display, but no heat: Bulb is damaged. Arrange for replacement bulb with local dealer.

Factory reset procedure: With the power disconnected, press and hold the button on the heater and then plug in the power cord into a power outlet. Continue to hold the button for 30 seconds and then let go. The unit will reboot and reset to the factory setting.

MAINTENANCE

Attention! Careful and regular maintenance of your heater considering our instructions assumes great importance so as to attain a long efficient operation of your appliance.

Check the cleanliness of the Reflector and IR-Filament at least once a month. If necessary, apply cleaning and maintenance instructions.

The number of checks may be increased considering the amount of dust in the environment.

Check the deformation of the Reflector, Wire, and Frame visually while cleaning the appliance. In case of deformation, contact the service team.

Check the Power Cord and Plug visually while cleaning the appliance. In case of deformation, contact the service team.

CLEANING

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

Unplug the power cord for your safety before cleaning your appliance.

Make sure the heater is cool before continuing.

To keep the heater clean, the outer housing may be cleaned with a soft, damp cloth. You may use a mild detergent if necessary. After cleaning, dry the unit with a soft cloth. (CAUTION: DO NOT let liquids enter the heater).

DO NOT use alcohol, gasoline, abrasive powders, furniture polish, or rough brushes to clean the heater. This may cause damage or deterioration to the surface of the heater.

DO NOT immerse the heater in the water.

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. Wrap the power cord with ties. Use packaging cartons to store.

ATTENTION:

Always disconnect the heater from the electrical power source and allow it to cool down before attempting to work on it.

If the heater has accumulated dust or dirt inside the unit or around the heating element, have the unit cleaned by a qualified service agent. Do not operate the heater in this condition.

The only normal maintenance required is the cleaning of the external surfaces of the heater.

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 the finger marks with a soft cloth moistened with mentholated spirit or alcohol.

Do not attempt to repair or adjust any electrical or mechanical functions on this heater.

The heater contains no user-serviceable parts. Should the product suffer damage or breakdown, it must be returned to the manufacturer or its service agent.

Damaged ought to be replaced by the manufacturer, service agent, or similarly qualified person in order to avoid a hazard.

A disconnecting switch incorporated in the fixed wiring is to be provided.

RECYCLING

At the end of the electrical product's lifespan, it should not be disposed as household waste.

Please recycle where facilities exist. 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

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 for troubleshooting tips and service instructions if needed.

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