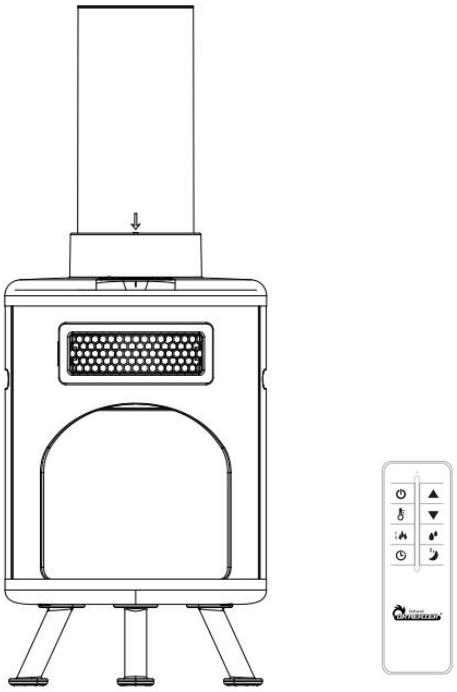
Infrared DR.HEATER®

Fireplace with humidifier



Owner's Manual
Model No.: DR-991

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 RETAINED FOR FUTURE REFERENCE.
We are not liable for any damages resulting from failure to observe these instructions.

IMPORTANT INSTRUCTIONS

When using electrical appliances, follow these basic precautions to reduce the risk of fire, electric shock, injury to persons, and hyperthermia. Please adhere carefully to the following guidelines:

1. Read and fully understand all instructions provided with the heater before use.
2. Take caution, as the heater becomes hot during operation. To prevent burns, avoid touching hot surfaces with bare skin. If the heater has handles, use them for moving it. Keep combustible materials such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front, sides, and rear of the heater.
3. Exercise extreme care when using the heater around children, individuals with disabilities, or the elderly. Never leave the heater operating unattended.
4. Always unplug the heater when not in use.
5. Do not use the heater if the cord or plug is damaged, or if the heater has been dropped or compromised in any way. Dispose of if or have it inspected and repaired by an authorized service facility.
6. Avoid using the heater in bathrooms, laundry areas, or similar indoor spaces. Ensure the heater cannot fall into a bathtub or any other water container.
7. Do not run the heater cord under carpeting or cover it with throw rugs, runners, or similar items. Avoid routing the cord under furniture or appliances and position it away from high-traffic areas to prevent tripping accidents.
8. To disconnect the heater, first turn off the controls, and then remove the plug from the outlet.
9. Keep foreign objects away from the ventilation or exhaust openings of the heater to prevent electric shock, fire hazards, or damage to the unit.
10. Do not obstruct the air intakes or exhaust vents of the heater in any way. Avoid using the heater on soft surfaces, such as a bed, as this may block the openings and create potential fire hazards.
11. Avoid using the heater in areas where gasoline, paint, or flammable liquids are used or stored, as it contains hot and arcing or sparking parts.
12. Use the heater only as instructed in the provided manual. Using the heater in any manner not recommended by the manufacturer may result in fire, electric shock, or personal injury.
13. Always plug the heater directly into a wall outlet or receptacle. Avoid using extension cords or relocatable power taps/outlets.

14. Hyperthermia can be life-threatening. If you experience symptoms such as high body temperature, headache, nausea, vomiting, fatigue, dizziness, fainting, or a rapid pulse, turn off the heater immediately and seek medical attention.
15. To prevent excessive room temperatures that can lead to hyperthermia, do not leave the heater running unattended in confined spaces, especially around infants or individuals with reduced physical, sensory, or mental capabilities.
16. Connect the heater only to properly grounded outlets to ensure safe operation.
17. Do not use the heater outdoors.
18. Always place this appliance on a firm, flat and level surface to prevent it from dropping or tilting. Arrange the cord away from high-traffic areas to avoid tripping hazards.
19. Do not overfill the humidifier due to the potential risk of electric shock.
20. You must use distilled water to keep the humidifier working properly.

SAVE THESE INSTRUCTIONS

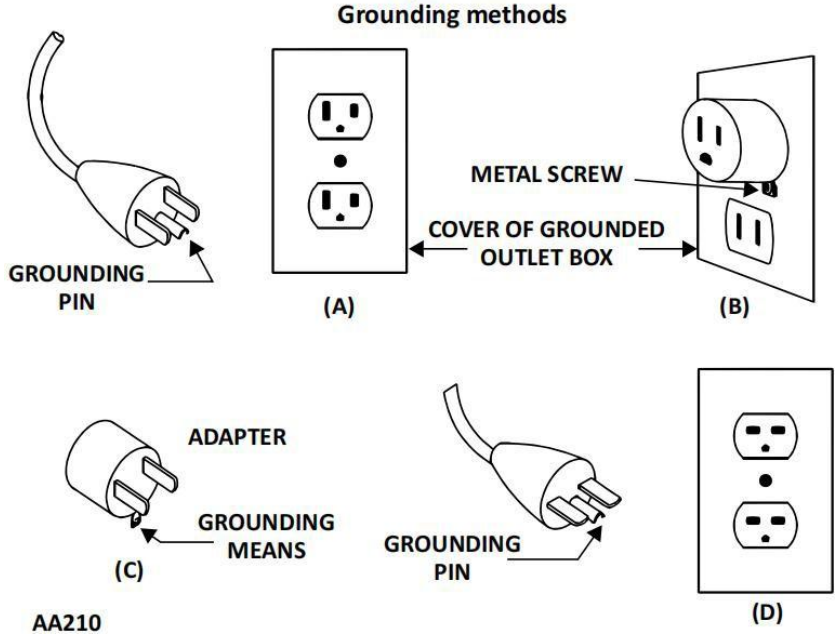
INTRODUCTION

The DR-991 Infrared quartz heater helps retain more natural humidity in the air, providing comfortable heat without drying out the room.

Model	DR-991
Voltage (V)	120V AC
Wattage (W)	1500W
Hertz (Hz)	60

This heater is designed for 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. Do not use the adapter if a three-slot grounded receptacle is available.

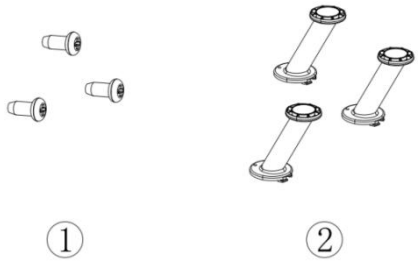
Figure 68.1
Grounding methods



ASSEMBLY

Included installation hardware content:

No.	Desc.	Qty
1	Screw	3
2	Leg	3



1. Align the leg with the slot on the heater to lock it in place, as shown in Figure 1a.

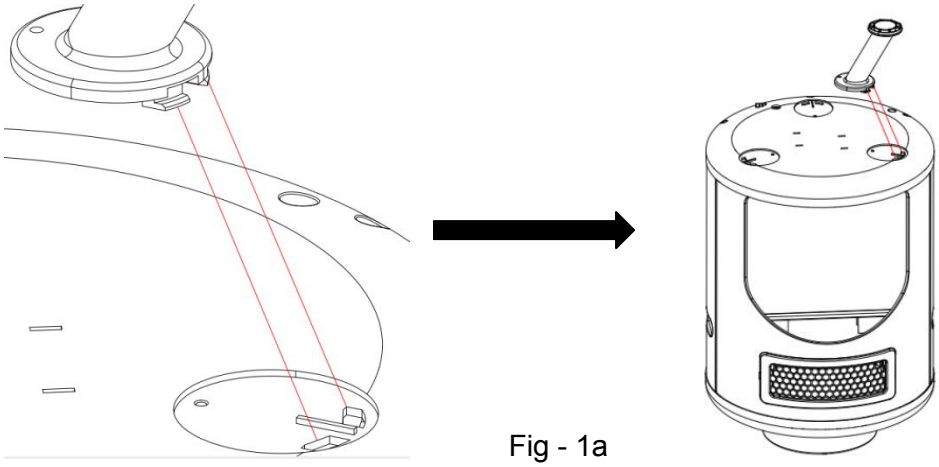


Fig - 1a

2. Fasten each leg to the heater using the included screws, one per leg, and assemble all three legs on the heater as shown in Figure 2a.

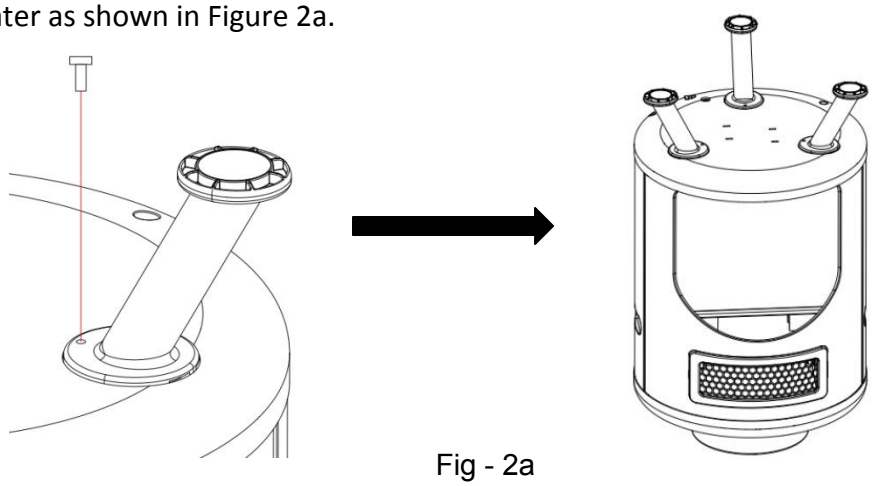


Fig - 2a

3. Align the arrows on the humidifier and heater, and assemble them as shown in Figure 3a.

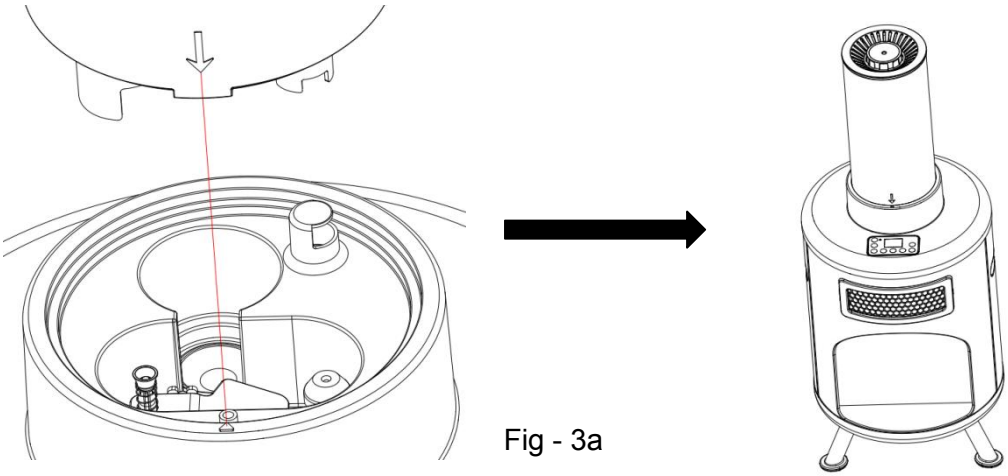
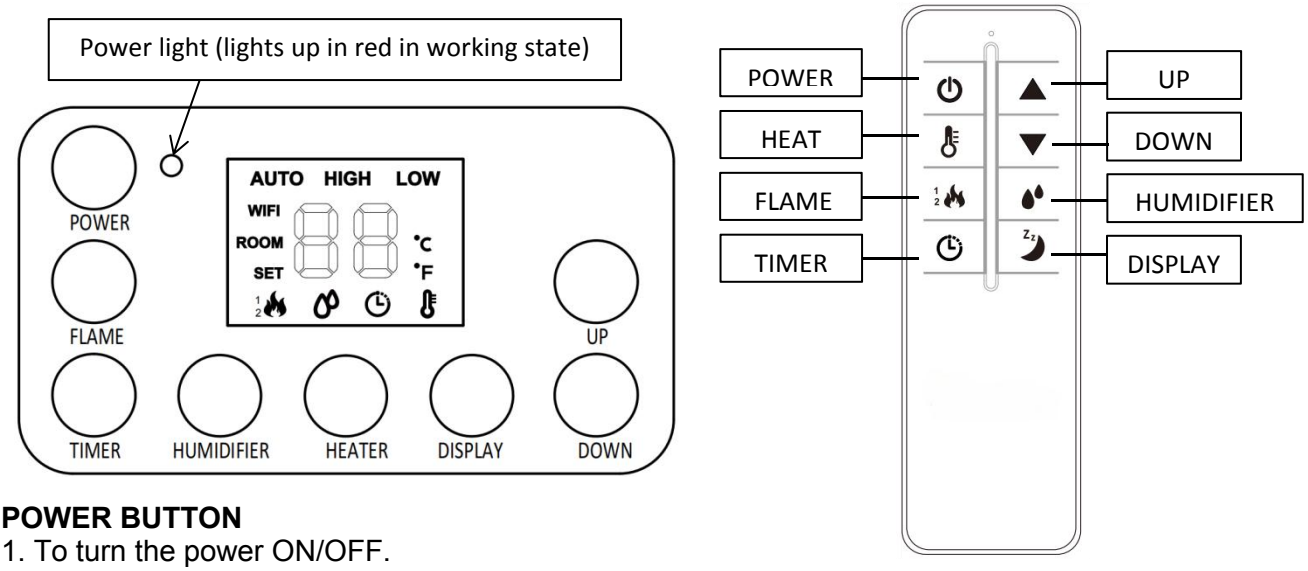


Fig - 3a

FUNCTION & OPERATION

The heater must be properly installed before use. Plug the unit into a grounded AC outlet, ensuring that the power supply matches the heater's rating.

The buttons on the heater & the remote control have the same function



POWER BUTTON
1. To turn the power ON/OFF.
2. To switch the temperature display when in heating state, press and hold the power button for 3 seconds to toggle between °C and °F. The default display is °F unit.

FLAME BUTTON
Switch the flame level. High light flame level the LED ₂ lights up in green. Low light flame level the LED ¹ lights up in green.

TIMER BUTTON (only workable in HEAT function)
1. To set the timer (OFF-TIM), press the timer button. Use the UP/DOWN buttons to set the countdown timer. The timer range is from 0H to 24H, with each increment representing one hour.
2. To set the timer (ON-TIM), press and hold the timer button for 3 seconds. Use the UP/DOWN buttons to set the countdown timer. The timer range is from 0H to 12H, with each increment representing one hour.

HUMIDIFIER BUTTON
To activate the humidifier, press the humidifier button to enter working state and the LED lights up in green. The humidifier will stop working when no water is detected and the LED lights up in red.

DISPLAY BUTTON
To set the display light, press the display button, the corresponding function LED light is off, and the power lights up in red. Press the button again, the corresponding function LED light is on.

UP BUTTON
Increases the setting temperature by 1°F for each increment in Heat Auto Mode (30°F - 99°F).
Increases the timer by 1H for each increment in OFF-TIM (0H-24H).
Increases the timer by 1H for each increment in ON-TIM (0H-12H).

DOWN BUTTON
Decreases the setting temperature by 1°F for each decrement in Heat Auto Mode (30°F - 99°F).
Decreases the timer by 1H for each decrement in OFF-TIM (0H-24H).
Decreases the timer by 1H for each decrement in ON-TIM (0H-12H).

HEAT BUTTON
To switch the heat level, press the Heat button, then use the UP/DOWN buttons to increase or decrease the heating level. The heating levels are as follows:
1. Standby, 2. Auto mode, 3. Manual mode (Hi heat level), 4. Manual mode (Lo heat level),
5. Standby.
In Heat Auto Mode, if the temperature setting is lower than the room temperature, the heater will enter standby mode. When the room temperature drops, the heater will automatically begin heating.

INSERTING BATTERIES (NOT INCLUDED)

Insert two (2) AAA/ Alkaline type batteries into your remote control.
1. Flip the remote control over and remove the battery cover. Insert the batteries according to the instructions and the correct polarity.
2. Replace the batteries following the same steps as above.

NOTICE:
When replacing the batteries, ensure that you use the same type to maintain the optimal functionality of your heater. Using different types of batteries may result in improper operation.

If the heater will not be used for an extended period, it is recommended to remove the batteries from the remote control. This precaution helps prevent battery leakage, which can damage the remote control.

Additionally, keep the remote control away from water or any liquids. Exposing it to water can damage the internal components and affect its proper functioning.

Caution:
When the appliance will not be operated for an extended period, during cleaning or maintenance, or when relocating the heater, it is important to turn off the heater and unplug it from the electrical outlet.

Performing periodic inspections, and removing dirt and contaminants will help ensure the safe operation of the equipment.

TROUBLESHOOTING

1. Check if the power cord is plugged into an electrical outlet. If it's not plugged in, please plug it in securely.
2. Verify that there is electricity to the main fuse. Ensure that the main fuse is not blown or tripped.
3. **E1 Error on Display**, this indicates that the control unit has activated the over-temperature protection. Check the installation clearances around the heater to ensure proper ventilation. Allow the heater to cool down for at least 15 minutes before attempting to restart it. Once cooled, restart the heater and check if the issue persists.

MAINTENANCE INSTRUCTIONS

Attention! Regular maintenance of your heater according to these instructions is crucial for ensuring long and efficient operation of your appliance.

It is recommended to check the cleanliness of the reflector and IR-filament of your heater at least once a month. If necessary, follow the cleaning and maintenance instructions provided.

The frequency of these checks may need to be increased depending on the amount of dust in the environment.

While cleaning the appliance, visually inspect the reflector, wiring, and frame for any signs of deformation. If any deformation is observed, please contact the service team for assistance.

Similarly, visually inspect the power cord and plug during cleaning. If you notice any deformation or damage, it is advisable to contact the service team for further evaluation and potential repair or replacement.

CLEANING

To clean your infrared heater and ensure efficient operation, please follow the steps below:

For your safety, unplug the power cord of the heater before starting the cleaning process.

Allow the heater to cool down completely before proceeding with cleaning.

To clean the outer housing of the heater, use a soft, damp cloth. If necessary, you may use a mild detergent, but ensure that no liquid enters the heater. After cleaning, dry the unit thoroughly with a soft cloth. It is important to avoid letting any liquids enter the heater.

Avoid using alcohol, gasoline, abrasive powders, furniture polish, or rough brushes to clean the heater, as these substances may damage or deteriorate the surface of the heater.

Do not submerge the heater in water or any other liquid, as immersion can cause serious damage to the appliance.

Once cleaning is complete, wait until the heater is completely dry before plugging it back in and using it.

Clean the humidifier

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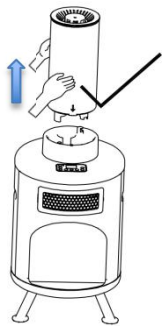

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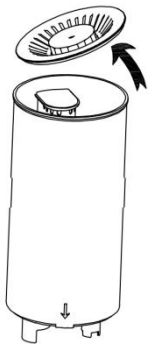

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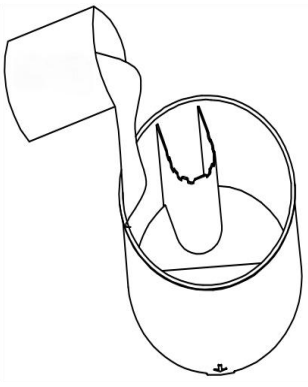

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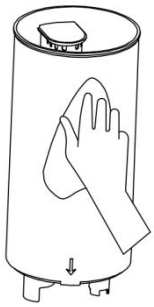

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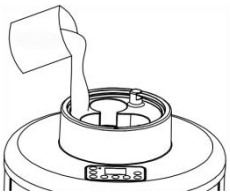

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1. Do not lift the water tank by holding the mist lid on the top.
2. Hold both sides of the upper unit and lift it up.
3. Remove the mist lid.
4. Add a mixture of mild washing-up liquid and water to the water tank to clean the inside.
5. Clean the outside of the water tank with a soft, clean cloth.
6. Clean the bottom of the water tank with a soft, clean cloth.
7. Add a mixture of mild washing-up liquid mixed with water into the sink.
8. Clean the sink with a soft, clean cloth.

By following these cleaning guidelines, you can help maintain the efficiency and trouble-free operation of your infrared heater for many years.

Storage: Store the heater in a cool, dry location when not in use to prevent dust and dirt buildup. Wrap the power cord with ties and use packaging cartons for storage.

ATTENTION:

Please note the following important guidelines for the maintenance and safety of your heater:

Always disconnect the heater from the electrical power source and allow it to cool down before attempting any maintenance or repairs.

If the heater has accumulated dust or dirt inside the unit or around the heating element, it is recommended to have the unit cleaned by a qualified service agent. Do not operate the heater in this condition, as it may pose a safety risk.

The only normal maintenance required is cleaning the external surfaces of the heater. Use a soft cloth to clean the outer surfaces and avoid using any abrasive materials or cleaners that may damage the unit.

Avoid touching the heating element with bare fingers, as residue from your hands can affect the lifespan of the lamp. If accidental contact occurs, remove any fingerprints using a soft cloth moistened with methylated spirit or alcohol.

Do not attempt to repair or adjust any electrical or mechanical functions of the heater. The heater does not contain any user-serviceable parts. In the event of damage or breakdown, it should be returned to the manufacturer or an authorized service agent for repair.

Damaged parts should be replaced by the manufacturer, a service agent, or a similarly qualified person to avoid any potential hazards.

It is recommended to incorporate a disconnecting switch in the fixed wiring to ensure safe operation and easy power isolation of the heater.

Following these guidelines will help ensure the safe and proper operation of your heater.

RECYCLING

At the end of the electrical product's lifespan, it is important not to dispose of it as household waste. Instead, please consider recycling the product where facilities are available.

To properly dispose of the product, check with your Local Authority or retailer for specific recycling advice and guidelines in your country. They can provide information on the nearest recycling facilities or programs for electrical products.

By recycling the product, you contribute to environmental sustainability and help prevent potential negative impacts on the environment.

FCC INFORMATION

1. Potential equipment interference:
This equipment has been tested and found to comply with the limits for Consumer ISM equipment, pursuant to Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
2. System maintenance:
Please note that any changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
3. Simple measures to correct interference:
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

This device complies with Part 18 of the FCC Rules.

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: It is normal to notice a slight trace of smoke or odor when operating the unit for the first time. This is no cause for concern. The occurrence is due to a small amount of oil that may have fallen on the interior coils during manufacturing. As the unit heats up, the oil will evaporate quickly, and the smoke or odor should dissipate. You should not experience this issue in future uses.

How long is the warranty?

This heater is accompanied by a one-year limited component warranty. If you experience any issues with your unit and it is not working properly, we recommend contacting our service center for assistance. You can reach us at 1-800-317-1688.

Before calling, we encourage you to visit our service-related website at www.DrHeaterUSA.com, where you will find troubleshooting tips and service instructions that may help resolve the issue you're experiencing.

Our dedicated service center is available to provide support and ensure that any necessary repairs or replacements are promptly addressed within the terms of the warranty.

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