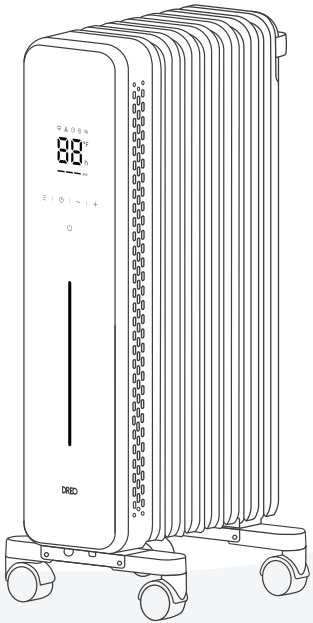
DREO

Oil Filled Heater

USER MANUAL



www.dreo.com

DR-HSH011

Looking for help?

Contact us to get expert support.

support@dreo.com (888) 290-1688 www.dreo.com

Mon - Fri, 9:00 am-5:00 pm PST/PDT

Thanks for Choosing DREO!

Your support means the world to us. We hope you enjoy our product as much as we did creating it.

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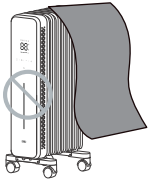
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IMPORTANT SAFETY INSTRUCTIONS

1

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:



Do not cover the heater while in operation.

Do not use the Oil-filled heater near flammables and combustibles.

GENERAL SAFETY

1. Read all instructions before using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
3. Use the handle to move this heater.
4. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
5. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
6. The output of this heater may vary and its temperature may become hot enough to burn exposed skin. Use of this heater is not recommended for persons with a high sensitivity to heat or an inability to react to avoid burns.
7. Do not attempt to modify or repair the product by yourself. Doing so could void the warranty and cause damage or personal injury. Only a repair technician may disassemble or repair this product.
8. Make sure that no pieces of polystyrene or other packaging material have been left between elements of the appliance. It may be necessary to pass over the appliance with a vacuum cleaner.
9. If the machine is not working as it should, has received a sharp blow, has been dropped, damaged, left outdoors, or dropped into water, do not use and contact Customer Support.
10. There may be a trace of smoke or odor when the unit is first operated. This indicates that a drop of oil fell on the heating coil during the manufacturing process. It will quickly evaporate and should not re-occur.

LOCATION SAFETY

1. Do not use outdoors.
2. Ensure the heater is on a stable, secure surface to eliminate the potential of tipping it over.
3. 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 keep them away from the sides and rear.
4. 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.
5. To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
6. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.

ELECTRICITY SAFETY

1. Always unplug heater when not in use.
2. Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Dicard heater, or return to authorized service facility for examination and/or repair.
3. 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.
4. To disconnect heater, turn controls to off, then remove plug from outlet.
5. Always plug heaters directly into a wall outlet/receptacle.
6. Never use with an extension cord or relocatable power tap (outlet/power strip).
7. If there is a loose fit between the plug and the socket or the plug becomes very hot, the socket may need to be replaced. Check with a qualified electrician to replace the socket.
8. It is normal for the plug and cord to feel warm to the touch.
9. A plug or cord which becomes hot to the touch or becomes distorted in shape may be result of a worn electrical outlet. Worn outlets or receptacles should be replaced prior to further use of the heater. Plugging the heater into a worn outlet / receptacle may result in overheating of the power cord of fire.
10. This appliance has a polarized plug (one prong is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized plug. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to rig this safety feature.
11. Hyperthermia can result in death. Symptoms of hyperthermia include high body temperature, headache, nausea, vomiting, tiredness, dizziness, fainting, and rapid pulse. If you begin to experience symptoms related to hyperthermia, turn off the heater and seek medical attention.

12. To avoid excessive room temperatures which can cause hyperthermia: DO NOT leave product running unattended in a confined space around infants, or individuals with reduced physical, sensory, or mental capabilities.
13. 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.
14. **CAUTION - High temperature, keep electrical cords, drapery, and other furnishings at least 3 feet (0.9m) from the front of the heater and away from the side and rear. WARNING - Risk of Hyperthermia.**

WARNING - Risk of Heat Stroke (Hyperthermia)

Hyperthermia can result in death in infants or others
Use caution to avoid overheating individuals
Read and follow all instructions before use

FOR HOUSEHOLD USE ONLY
READ AND SAVE THESE INSTRUCTIONS

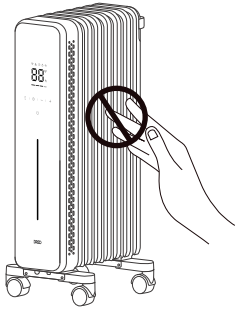
Gentle Reminder:

Check the appliance regularly and refer to TROUBLESHOOTING or contact our customer support if it shows any of the following signs:

- Power cord or plug is damaged.
- Loud noise, unusual smell or excessive heat.

Specifications

Model	DR-HSH011
Rated Power	1500W
Input	120V~ 60Hz
Remote Control Battery	CR2025, 3V



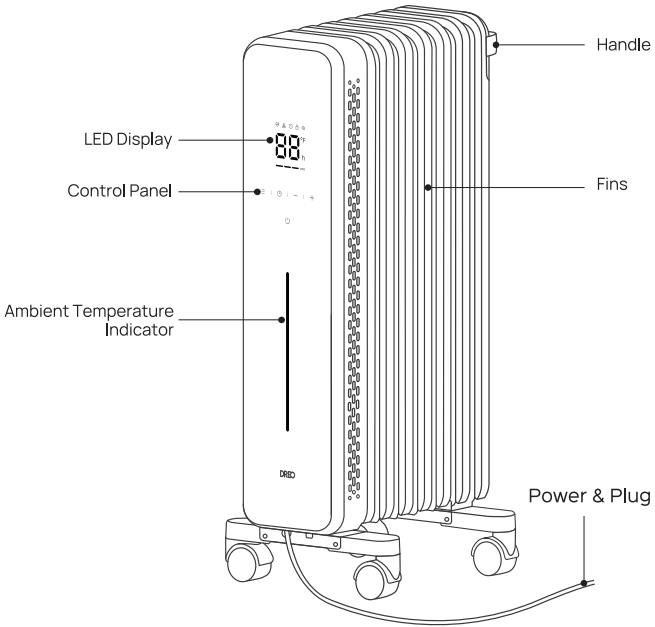
HOT SURFACE

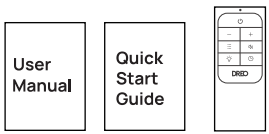
THE HEATER CAN BE VERY HOT ON THE SIDES AND REAR. ONLY THE FRONT PANEL AND HANDLE ARE SAFE TO TOUCH DURING USE.

ASSEMBLING YOUR HEATER

2

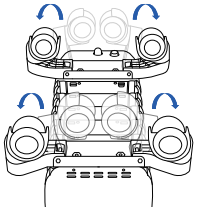
Package Contents



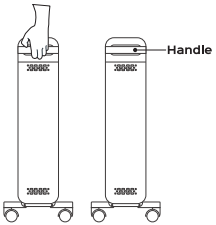


Assembly Instructions

When using the appliance for the first time, remove the wraps and attach the parts by following the steps below.



1. Place the heater upside down and unfold all the casters.



2. Set the heater upright. Use the rear handle to move to the desired location.

WARNING

Tip-over hazard.
Do not operate without the casters properly installed.

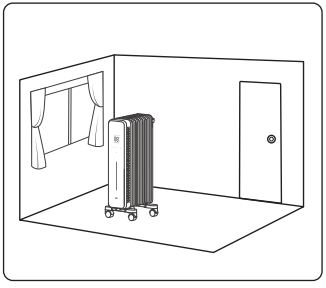
Fire hazard.
Operate the heater in the upright position only. Any other position can cause damage to this heater and even a fire hazard.

Burn hazard.
Unplug and allow the heater to cool before using the handle to move the heater.

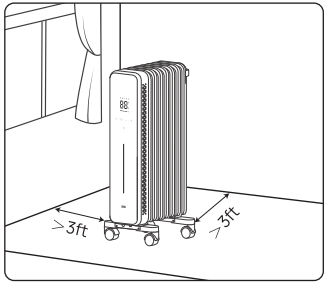
KNOWING YOUR HEATER

3

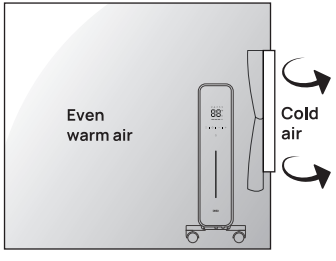
Getting the Most Out of Your Heater



1. Put the heater by the window to block the penetration of cold air from outside.

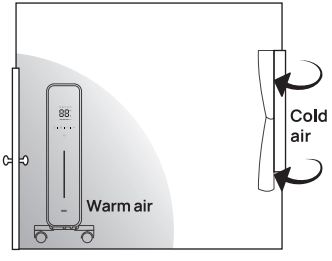


2. Keep curtains and other furniture at least 3 ft/ 1m away from the heater.



What to Do

Put it by the window to get even warm air.



What Not to Do

If you put it near the door, cold air invades and warm air escapes easily.

USING YOUR HEATER

4

Before First Use

The first time the appliance is used, run it at the maximum power for at least two hours. During this time, ventilate the room thoroughly to eliminate the "new" smell release by the appliance. It is completely normal for the appliance to emit "creaking" sounds the first time it is run.

Control Panel

Power On/Off

Touch to turn the heater on or off.

Long press for 10s to restore factory settings.

Note:

When the heater is plugged into the electric outlet, the power indicator will light in red.

Mode Settings

Touch to cycle through ECO and Power Heat modes.

Power Heat

Three heating levels:
H1(600W), H2(900W), H3(1500W).
The display will show H1, H2 or H3 accordingly:

- H1 - Low heat mode
- H2 - Medium heat mode
- H3 - High heat mode

ECO

The heater will automatically select its optimal heating power, depending on the difference between the set temperature (41-95°F) and ambient temperature.

Note:

- When the ambient temperature drops below the set temperature, the heater will adjust the power depending on the difference between the two temperatures.
- In ECO mode, the heater will turn off automatically when the set temperature has been reached.
- If your heater turns off frequently, please raise the set temperature or switch to Power Heat mode.

Mute /Unmute

To turn on/off the button sounds, long press the Mode button ☰ on the panel for 3s.

Timer

1. When the heater is on, touch to set a timer (0-24h). After the timer ends, the heater will turn off automatically.
2. When the heater is off, touch to set a timer (0-24h). After the timer ends, the heater will turn on automatically.
3. To cancel, press the timer button again or set the timer to "——" hour.
4. Long press for 3s to activate/ deactivate Child Lock.

Heat Level/ Temperature / Timer Hour

In Power Heat mode, touch ⊕ or ⊖ to adjust the heating level.

In ECO mode, touch ⊕ or ⊖ to adjust the set temperature.

In Timer mode, touch ⊕ or ⊖ to set the timer between (0-24h).

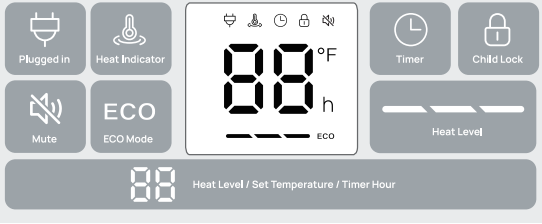
Child Lock

Long press the 🕒 for 3s to activate/deactivate the Child Lock function, when activated the display will light up 🔒, and all the buttons on the heater will be locked.

Note:

Child Lock is not available in the remote control.

LED Display



Note: During heating, the display will light up the Heat Indicator

Ambient Temperature Indicator



Besides the LED display, your new oil-filled heater comes with an additional LED indicator that let's you see the ambient temperature condition even from far away.



More Features

Memory Function

The heater will remember its last settings (temperatures, working modes) once turned on again.

Defrost Mode

To prevent freezing conditions, you can set up your target temperature above 41°F in ECO mode, this will allow the heater to heat up in high heat mode whenever temperatures fall below the target.

Display Auto Dimming

In low light conditions, the display and ambient temperature indicattor lights will automatically dim, if no action is taken, lights will go off automatically after 10 seconds.

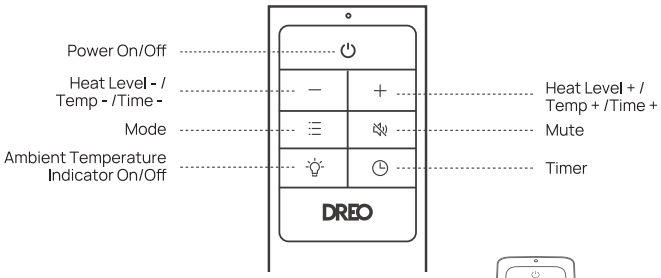
Tip-Over Protection

For your safety, when the heater is tipped over, it will shut off automatically. To restore it, place it back up and wait for the ⏻ indicator to light on to turn the heater on.

Overheat Protection

When the heater overheats, it will stop heating automatically with the error code**"FF"** on the display.

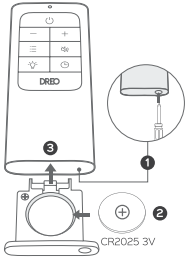
Remote Control



Battery Replacement

1. Press the locking button to pop out the battery holder.
2. Replace with the same battery type with the (+) side facing up.
3. Push in the holder until securely locked into place.

Note: If the indicator on the remote control doesn't turn on anymore, please consider replacing the battery.

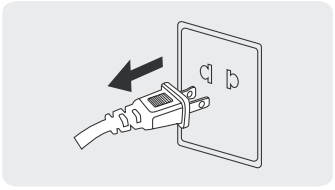


WARNING
Chemical Burn Hazard.
Keep batteries away from children.

This product contains a lithium button/coin cell battery. If a new or used lithium button/coin cell battery is swallowed or enters the body, it can cause severe internal burns and can lead to death in as little as 2 hours. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the battery, and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

The batteries must be disposed of properly, including keeping them away from children. Even used cells may cause injury.

CLEANING AND MAINTENANCE 5



Always turn off and unplug before cleaning.



Outer Surface
Use a soft, dry cloth to gently wipe clean the outer surface.

ATTENTION

 DO NOT unscrew the unit.	 DO NOT use cleaning agents.	 DO NOT use abrasive scrubbers.
	Fire or electrical shock hazard. DO NOT immerse the main unit in water. NEVER allow water to get inside the heater.	
	Except for cleaning, any servicing should be performed by an authorized service representative.	
	Store in a cool, dry area and keep the cable out of high-traffic areas to avoid tripping hazards.	

TROUBLESHOOTING 6

Problem	Possible Causes	Solution
Malfunction codes on LED display	FF - Overheat Protection	Unplug and wait for it to cool down before plugging again.
	E1 - Temperature sensor open circuit	Unplug it from the power source and contact Customer Support.
	E2 - Temperature sensor short circuit	Unplug it from the power source and contact Customer Support.
Heater does not start/ The heater suddenly stops during heating.	The heater was tipped over.	Place the heater back on a flat, level and stable surface and wait for the ⏻ indicator to light to turn the heater on.
	The heater surpassed the Overheat protection.	Unplug the heater and allow it to cool before plugging it back again.
		Remove any objects on or near the heater.
Heater does not start/ The heater suddenly stops during heating.	No power is passing through the unit.	Ensure that your circuit breaker or fuse is working properly.
		Ensure that your heater is placed on a flat and even surface.
	In ECO mode, the set temperature is lower than the ambient temperature.	Ensure that the temperature is set to be higher than the ambient temperature.
The heater doesn't raise temperature	Temperature raises too slowly	This heater uses convection, which may take longer, but allows it to deliver heat uniformly without making air too dry. You can use the timer function to heat your room beforehand (see instructions on page 9.)
	Only heats a small area.	This heater is not recommended for open areas or outdoor use.
	ECO mode doesn't reach my target temperature.	If you are farther away from your heater, you can raise the target temperature or switch to Power Heat mode.
	In ECO mode, the heater will turn off heating automatically when the set temperature has been reached.	This is normal. If your heater turns off frequently, please raise the set temperature or switch to Power Heat mode.

If your problem is not listed or still persists, contact our Customer Support (see page 15).

DREO CUSTOMER CARE

7

Default 12-Month Warranty

This appliance is covered by Dreo warranty for 12 months from the date of its original purchase.

Extend Your Warranty

Extend your warranty by registering your new appliance on our website https://dreo.com/warranty.

The warranty will not apply in cases of:

1. Accident, misuse, or repairs performed by unauthorized personnel.
2. Any unit that has been tampered with or used for commercial purposes.
3. Normal wear and tear of wearable parts.
4. Use of force, damage caused by external influences.
5. Damage caused by non-observance of the User Manual, e.g. connection to an unsuitable mains supply or noncompliance with the instructions.
6. Partially or completely dismantled appliances.
7. Defects caused by or resulting from damages from shipping or from repairs, service, or alteration to the product or any of its parts that have been performed by a repair person not authorized by Dreo.

We can only provide after-sales service for products that are sold by Dreo or Dreo authorized retailers and distributors. If you have purchased the appliance from a different place, please contact your seller for return and warranty issues.

FCC Statement

This device complies with Part 15 of the FCC Rules.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 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.
Please note that changes or modifications of this product is not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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 into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

We're Here to Help!

(888) 290-1688
Mon - Fri, 9:00 am-5:00 pm PST/PDT

support@dreo.com

www.dreo.com

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