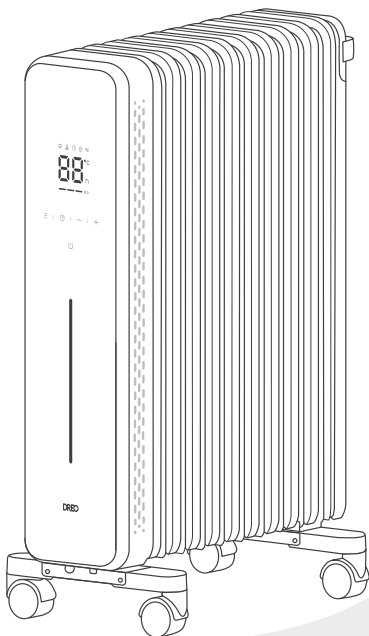


DREO

Oil-filled Heater OH521

USER MANUAL



This product is only suitable for well insulated spaces or occasional use.

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Thanks for Choosing **DREO!**

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

CONTENTS

01

IMPORTANT SAFETY
INSTRUCTIONS

1-5

02

ASSEMBLING
YOUR HEATER

6-7

03

KNOWING YOUR
HEATER

8

04

USING YOUR HEATER

9-13

05

CLEANING AND
MAINTENANCE

14

06

TROUBLESHOOTING

15-16

07

DREO CUSTOMER
CARE

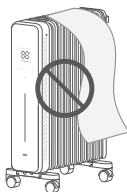
17-18

IMPORTANT SAFETY INSTRUCTIONS

01



When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons and hyperthermia, 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. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
2. Children should be supervised to ensure that they do not play with the appliance.
3. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
4. Children of less than 3 years should be kept away unless continuously supervised.
5. Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe

- 6.If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 7.**CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
- 8.The heater must not be located immediately below a socket outlet.
- 9.Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
10. Do not use this heater if it has been dropped.
11. Do not use if there are visible signs of damage to the heater.
- 12.Use this heater on a horizontal and stable surface, or fix it to the wall, as applicable.
- 13.**WARNING:** Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
- 14.**WARNING:** To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 m from the air outlet.
- 15.**CAUTION** — Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- 16.This heater is filled with a precise quantity of special oil. Repairs requiring opening of the oil container are only to be made by the manufacturer or his service agent who should be contacted if there is an oil leak.
- 17.When scrapping the heater, follow the regulations concerning the disposal of oil.

Usage Safety

1. Use the handle to move this heater.
- 2.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.
- 3.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.
- 4.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.

- 5.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.
- 6.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.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.
- 3.To prevent 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.

Electricity Safety

1. Always unplug the 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. Discard 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 a 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 or fire.

DANGER - High temperatures may be generated under certain abnormal conditions. Do not partially or fully cover or obstruct the front of this heater.

FOR HOUSEHOLD USE ONLY READ AND SAVE THESE INSTRUCTIONS

Gentle Reminder

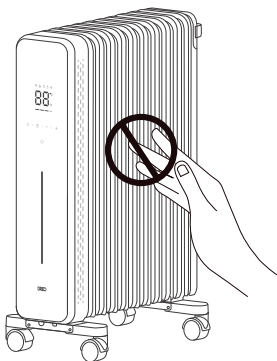


Check the appliance regularly and refer to TROUBLESHOOTING or contact our customer support if it shows any of the following signs:

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

Specifications

Model No.	DR-HSH011
Rated Power	2000W
Input	AC 220-240 50Hz
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.



WARNING:

In order to avoid overheating, do not cover the heater.



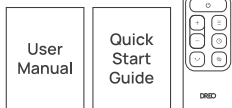
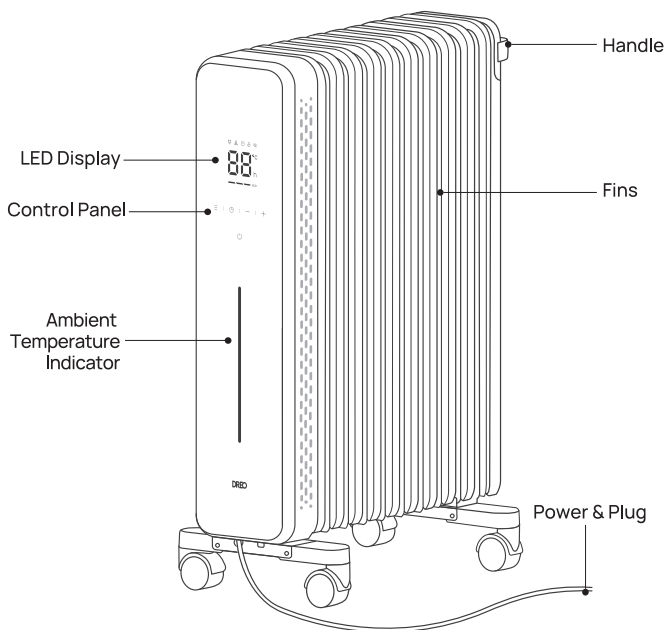
Correct Disposal of this product

This marking indicates that this product should not be disposed of with other household waste throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection system or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

ASSEMBLING YOUR HEATER

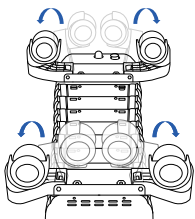
02

Package Contents

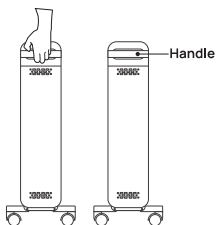


Assembly Instructions

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.



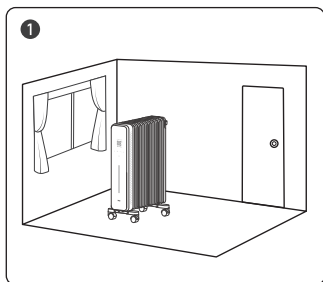
Burn hazard.

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

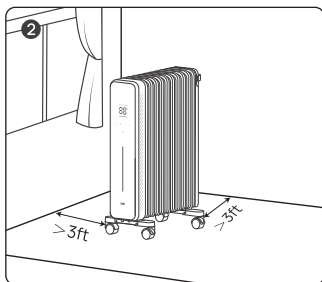
KNOWING YOUR HEATER

03

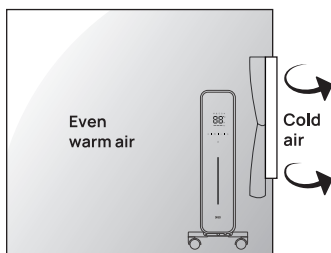
Getting the Most Out of Your Heater



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

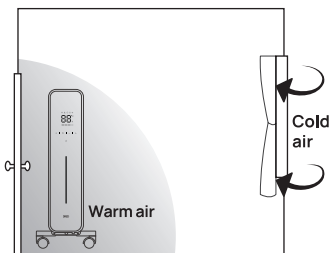


Keep curtains and other furniture at least 3 ft/ 1m away from the heater.



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

04

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.

Note:

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



Mode Settings

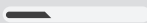
Touch to cycle through **ECO** and Power Heat modes.

Power Heat

Three heating levels:

H1(800W), H2(1200W), H3(2000W).

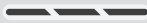
The display will show H1, H2 or H3 accordingly:



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 (5-35°C) and ambient temperature.

Note:

- 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).



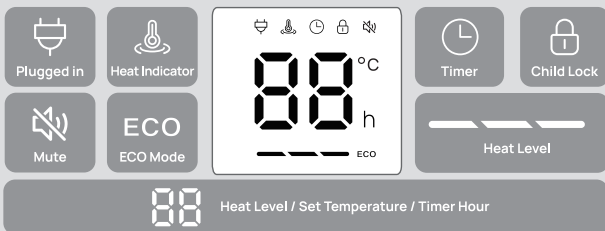
Child Lock

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 indicator lights will automatically dim, if no action is taken, lights will go off automatically after 10 seconds.

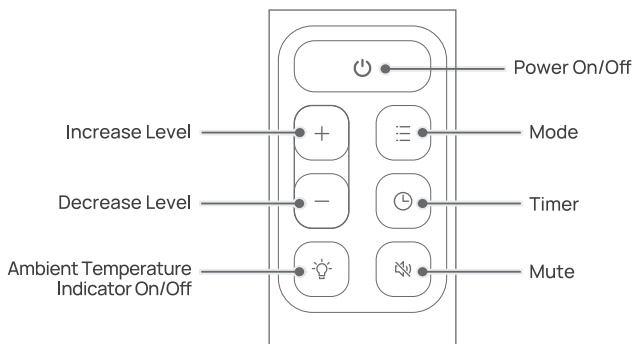
Tip-Over Protection

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.

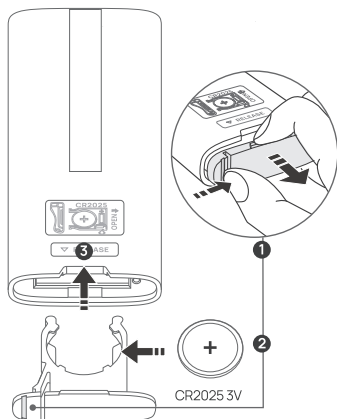
Overheat Protection

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

Remote Control



Battery Replacement



- 1** Keep the locking tab pressed while pulling out the battery holder from the slot at the back.
- 2** Replace with the same battery type with the (+) side facing up.
- 3** Push in the holder until securely locked in place.

Note: If the appliance doesn't respond when using the remote control in close range please consider replacing the battery.

BATTERY WARNING

KEEP OUT OF REACH OF CHILDREN
Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.



No obvious symptoms from battery ingestion

Unfortunately, it is not obvious when a button or coin battery is stuck in a child's esophagus (food pipe). There are no specific symptoms associated with this. The child might:

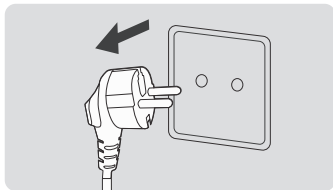
- cough, gag or drool a lot;
appear to have a stomach upset or a virus;
- be sick;
- point to their throat or stomach;
- have a pain in their abdomen, chest or throat;
- be tired or lethargic; be quieter or more clingy than usual or otherwise "not themselves";
- lose their appetite or have a reduced appetite; and
- not want to eat solid food / be unable to eat solid food.

These sorts of symptoms vary or fluctuate, with the pain increasing and then subsiding.

A specific symptom to button and coin battery ingestion is vomiting fresh (bright red) blood. If the child does this seek immediate medical help. The lack of clear symptoms is why it is important to be vigilant with "flat" or spare button or coin batteries in the home and the products that contain them.

CLEANING AND MAINTENANCE

05



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.

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 10.)
	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 18).

Default 24-Month Warranty

This appliance is covered by Dreo warranty for 24 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.

Information requirement for the electric local space heaters:

Model identifier : DR-HSH011					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	P _{nom}	2,000	kW	manual heat charge control, with integrated thermostat	No
Minimum heat output (indicative)	P _{min}	0,800	kW	manual heat charge control with room and/ or outdoor temperature feedback	No
Maximum continuous heat output	P _{max,c}	2,000	kW	electronic heat charge control with room and/or outdoor temperature feedback	No
Power consumption				fan assisted heat output	No
In off mode	P _o	N/A	W	Type of heat input/room temperature control (select one)	
In standby mode	P _{sm}	0,41	W	single stage heat output and no room temperature control	No
In idle mode	P _{idle}	N/A	W	two or more manual stages, no room temperature control	No
In network standby	P _{rem}	N/A	W	with mechanic thermostat room temperature control	No
Standby mode with display information or status			Yes	with electronic room temperature control	No
Seasonal space heater energy	η _{s,an}	92,5	%	electronic room temperature control plus day timer	Yes
				electronic room temperature control plus week timer	No
				Other control options (multiple selections possible)	
				room temperature control, with presence detection	No
				room temperature control, with open window detection	No
				distance control option	No
				adaptive start control	Yes
				working time limitation	Yes
				black bulb sensor	No
				self-learning functionality	No
				control accuracy	No
Contact details	Refer to Applicant Name: Shenzhen Hesung Innovation Technology Co., LTD. Address: 26F, Bldg A7, Creative City, Shenzhen, China				

Model No.: DR-HSH011
Rev_1,2_UK

We're Here to Help!

 uk-support@dreoo.com

 www.dreoo.com

 Shenzhen Hesung Innovation Technology Co., LTD

 26F, Bldg A7, Creative City, Shenzhen, China **MADE IN CHINA**



www.dreo.com

Looking for help?

Contact us to get expert support.



uk-support@dreo.com



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