

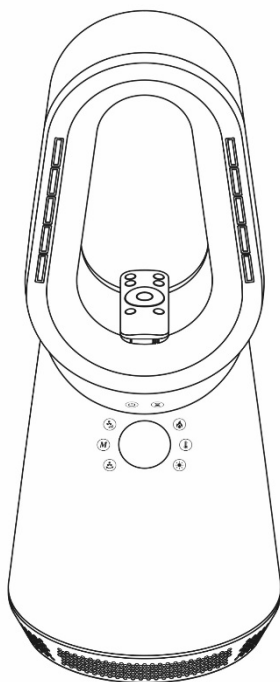


Russell Hobbs

Bladeless Fan and Heater

Operating Manual

RHCBLDL3IN1 (B)



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

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Read this guide carefully before installing or operating your new appliance and keep it somewhere safe for future reference.

SAFETY INSTRUCTIONS

- It is hazardous for anyone other than a qualified electrician to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to electrical parts.
- Do not use with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified technicians to avoid a hazard.
- This product is intended for household use only.
- Do not use outdoors.
- Children aged 8 and older may only use the appliance or carry out cleaning and maintenance duties under supervision and after being instructed on safe use.
- Do not allow children to play with the appliance.
- This appliance can be used by people with reduced physical, sensory or cognitive abilities, or by individuals with limited experience and knowledge, provided they have received proper supervision or instruction on how to use the appliance safely and understand the associated risks.
- Do not operate this appliance for anything other than its intended use.
- Do not immerse whole unit in water or other liquids for cleaning.
- Unplug from outlet when not in use. Do not leave unattended while plugged in.
- Do not use if it has been dropped, damaged, left outdoors or submerged in water.
- Keep the appliance away from water. Do not allow it to get wet. If the unit gets wet, do not plug the unit into a wall socket or turn the unit on.
- Do not handle the appliance with wet hands.

SAFETY INSTRUCTIONS

- Do not pull or carry by the cord, use the cord as a handle, close doors on the cord, pull the cord around sharp corners or edges, or expose the cord to heated surfaces. Do not unplug by pulling on the cord.
- To protect against electrical shock, do not immerse the cord, plug, or appliance in water or other liquids.
- Unplug from the mains outlet when not in use, before putting on and taking off parts, and before cleaning.
- Only use the unit when fully assembled.
- Never place your fingers or other objects into any part of the appliance. Be aware that loose clothing or hair may become trapped in the appliance if improperly use
- Before use, ensure that all the air vents of the appliance are clear and there is no restriction of air flow.
- Caution: Appliance may disturb ashes in an open fire. Always avoid directing the appliance toward naked flames.
- This appliance contains batteries that are only replaceable by a qualified engineer. Battery must be removed before scrapping appliance. Battery must be disposed of safely.
- Do not remove the rotor guard once assembled.
- The appliance must not be left unattended while it is connected to the mains supply.
- Do not touch hot surfaces. Use the handle or the controls.

SAFETY INSTRUCTIONS

- Do not let the cord hang over the edge of a worktop, table etc. or touch hot surfaces.
- The use of accessory attachments not recommended by the appliance manufacturer may cause fire, electric shock or injury.
- Never remove parts from the appliance, such as the feet and screws etc.
- Never use the appliance near a bath, shower or a swimming pool.
- Never place flammable objects or clothing on top of the appliance.
- Allow a 100cm safe area around the appliance on the top and sides and a 150cm safe area at the front.
- Never use the appliance in a room with explosive gases such as petrol, or while using any kinds of flammable glues, sprays or solvents.
- Prevent overheating of the appliance by keeping the air inlets and outlets clean and free of anything that may cause blockages. Check all inlets and outlets regularly for accumulated dust.
- DO NOT COVER.
- Do not place any part of your body near the air inlet, outlet, or on the fins to avoid personal injury, electric shock or fire.
- If overheating should occur, the built-in overheating safety device will shut the appliance off.
- CAUTION: Some parts of this product can become very hot and cause burns. Particular attention must be given when children or vulnerable people are present.

SAFETY INSTRUCTIONS

- Do not insert any foreign objects into the grill.
- Keep all grills clear of any draped fabric or curtains.
- The appliance must not be located immediately below a mains socket. Do not use the appliance with a programmer, timer or any other device that switches the appliance on automatically. A fire risk exists if the appliance is covered or positioned incorrectly.
- Use this heater on a horizontal and stable surface, or fix it to the wall, as applicable.
- **WARNING:** Do not use this heater in small rooms occupied by individuals who require assistance to exit the room on their own, unless they are under constant supervision.
- **WARNING:** To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1m from the air outlet.
- Children of less than 3 years should be kept away unless continuously supervised.
- 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 way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

ELECTRICAL SAFETY INSTRUCTIONS

- Before switching on, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate.
- This product is designed to operate on 220-240V~, 50-60Hz. Connection to any other power source may damage the unit.
- This product may be fitted with a non-rewireable plug. If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.
- If the plug has to be changed because it is not suitable for your socket or becomes damaged in any way, it should be cut off and an appropriate plug fitted. This should be carried out by a qualified electrician. The plug removed must be disposed of safely, as insertion into a socket is likely to cause an electrical hazard.



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

BATTERY WARNINGS

WARNING:

This product may contain a coin or button cell battery. Keep product and batteries away from children. Battery can cause severe or fatal injuries in 2 hours or less if swallowed or placed inside any part of the body. Seek immediate medical attention if it is suspected that a coin or button battery has been swallowed or placed inside any part of the body.

- **INGESTION HAZARD:** This product contains a button cell or coin battery
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **INTERNAL CHEMICAL BURNS** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

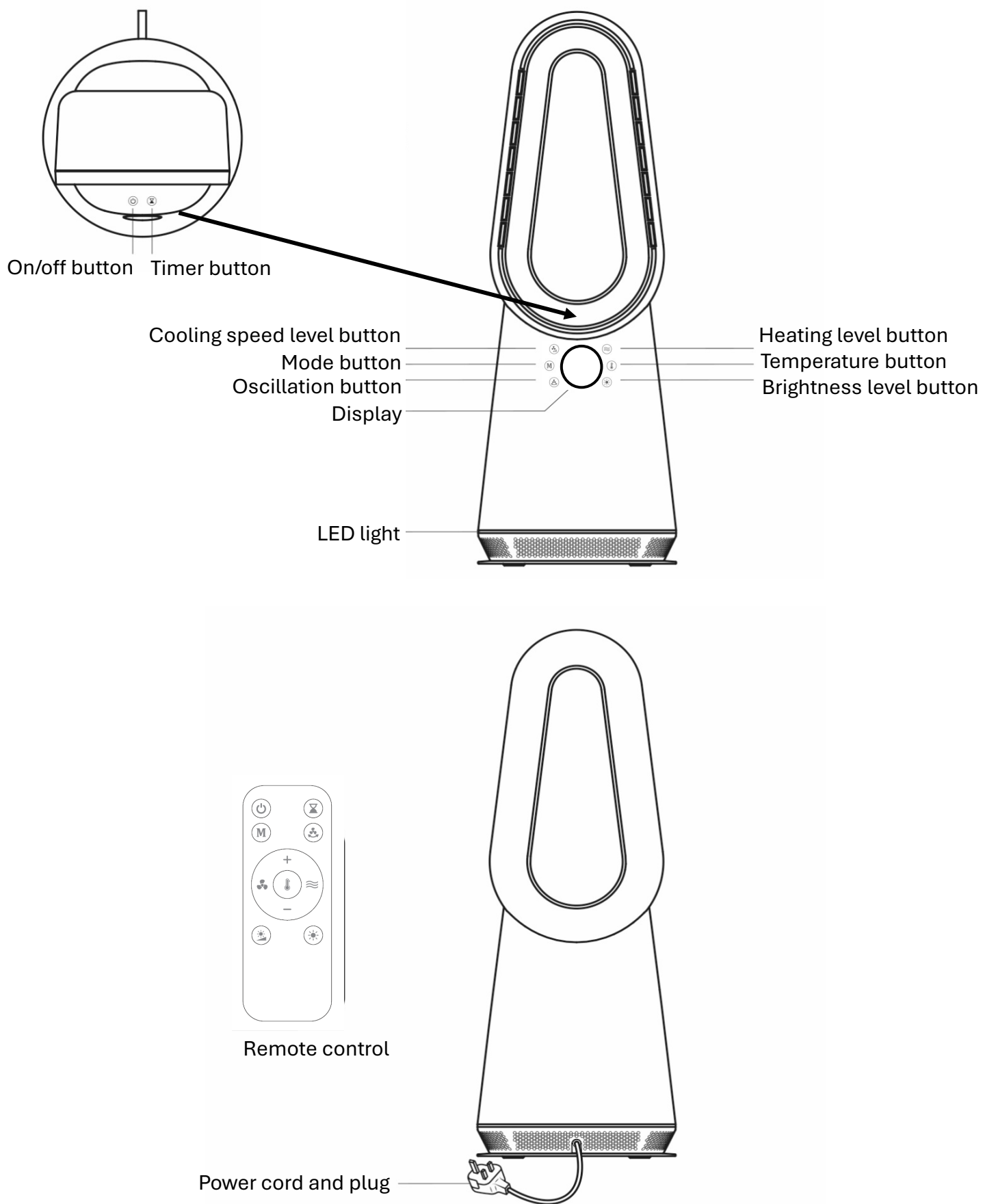


- This appliance comes with a CR2025 battery which is fitted into the remote. Remove the insulation sheet before use.
- There is risk of chemical burns. Always wear protective gloves when handling.
- Chemicals escaping from a battery can cause skin irritation.
- In case of contact with skin, rinse with thoroughly with water. In case of contact with eyes, do not rub your eye, but rinse it with water and immediately consult a doctor.
- Do not try to recharge batteries. Recharging is only allowed for batteries which are marked as “rechargeable”. There is a danger of explosion.

BATTERY WARNINGS

- Regularly check the batteries. Leaking chemicals can cause heavy damage to the device. Dealing with damaged or leaking batteries, exercise a particular caution.
- Different types of batteries or accumulators, as well as new and old batteries, must not be used together.
- When inserting the battery, pay special attention to the correct polarity. Wrong polarity can cause risk of bursting.
- Remove the batteries from the unit if you are not going to use it for a long time or if you want to store it.
- Do not allow children to replace batteries without supervision by an adult.
- Always choose the right size and the right battery type for the intended use.
- Clean the battery contacts and equipment contacts before installing the batteries.
- Remove used-up batteries immediately.
- Do not dismantle the batteries.
- If the battery compartment does not close securely, do not use the remote control anymore and keep it away from children.
- Please avoid extreme conditions and temperatures which can adversely affect the batteries/rechargeable batteries(e.g., placing them on radiators/direct solar radiation).
- The connection terminals must not be short-circuited.

PRODUCT OVERVIEW

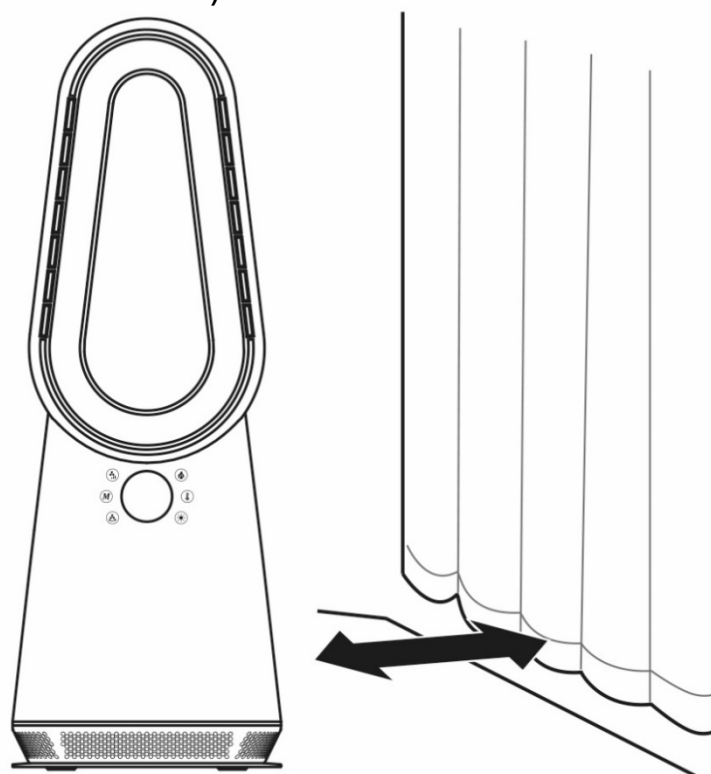


PRODUCT SETUP

Remove all packaging material and all transport bracing from the device.

For a safe and trouble-free running of the device, choose the installation location which meets the following requirements:

- The floor should be firm, flat and horizontal.
- Keep the following minimum clearances from the device housing:
 - 30 cm from its lateral side
 - 30 cm above
 - 30 cm from its rear side
 - 1 m from its front side.
- Do not place the device in a hot, wet or very humid environment, or near combustible material.
- The socket should be easily accessible so the mains connection cable can be easily disconnected, if necessary.
- Temperature range: from 0 to + 40 °C .
- Humidity (no condensation): 5 - 75%.



Note: Do not place unit near curtains

CONTROLS AND DISPLAY



Power

Press to turn the machine on and off.



Fan Speed

Press to circulate between the fan speeds of 1 to 9.



Timer

When the power is on, you can schedule to turn off the fan.

- To set the timer, press the timer button and the display will show 1h. Press it again and it will show 2h.
- Continue to press the timer button until the required time is displayed.
- The time range is 1 to 8 hours. 0h indicates that no timer is set.
- A small dot will flash at the bottom right of the display indicating that the timer is set.

When the appliance is in standby mode, you can schedule to turn on the Heating function.

- To set the timer, press the timer button and the display will show 1h. This indicates that the unit is set to turn on in 1hr. Press it again and it will show 2h.
- Continue to press the timer button until the required time is displayed.
- The time range is 1 to 8 hours. 0h indicates that no timer is set.
- A small dot will flash at the bottom right of the display indicating that the timer is set.

CONTROLS AND DISPLAY



Mode

Press to change operating mode.

You can choose from Strong air speed mode, Sleep mode, Natural air speed mode and ECO mode.



Strong

In strong air mode, the fan switches to the highest level.



Sleep

Sleep mode reduces the current selected speed by 1 level every 15 minutes. It will then settle at the minimum speed: 1.



Natural

Natural air speed mode that switches between speed settings 3 - 5 - 7 continuously.



ECO

ECO mode (available only in heating mode)

- If the room temperature is below 18 °C, the appliance operates at high speed.
- If the room temperature is between 18-22 °C, the appliance operates at low speed.
- If the room temperature is above 22 °C, the appliance operates at the lowest fan speed.



Note: ECO mode can only be selected in heating mode. If you change the speed during an active operating mode, the operating mode is deactivated and must be reactivated.



Oscillation

Press to start and stop oscillation.

CONTROLS AND DISPLAY



Temperature Level

Press to set your desired temperature. The default temperature is 25°C, and it can be adjusted between 5°C and 35°C.

Heating activates only when the set temperature is higher than the room temperature. The unit switches on automatically when the room drops below the set point and turns off once it's reached, maintaining a constant temperature and minimizing power use.

If the room temperature falls below 0°C, the LED display only shows - - as 0°C cannot be displayed.

The heater starts by emitting heat from the left outlet, then from the right after approximately 20 seconds. This is normal. When switched off during heating mode, it goes into blower mode for approximately 30 seconds to cool the heating element. A countdown is shown on the display.



Heat Function/ Heat Speed Level

Press to switch to heating mode. Press repeatedly to increase the desired heating level (the desired temperature will not change).



Brightness Level

Press to turn on the atmospheric light. Press repeatedly to obtain the desired colour: white, blue, green, red, purple and gradient.

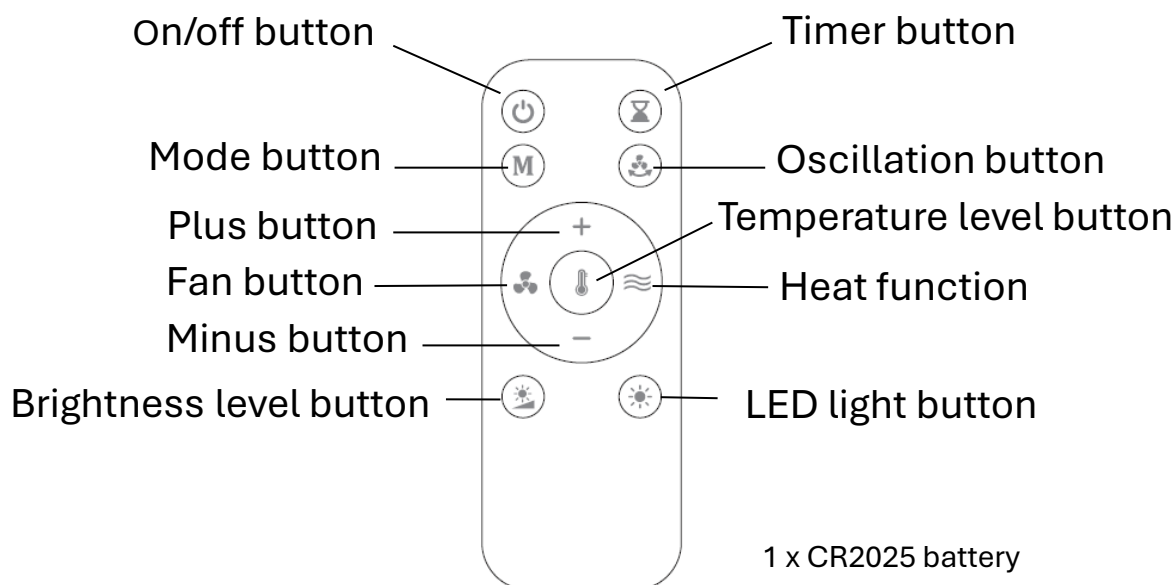
To stop the atmospheric light function, press the button again after the gradient colour.

Press and hold the button for about 3 seconds to adjust the brightness level. Up to 4 brightness levels can be set for each colour.

REMOTE CONTROL



Note: The remote should be used within 4m of the front face of the unit. Remove the insulation sheet before use.

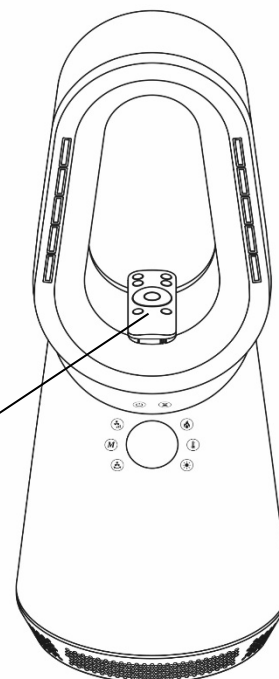


To change the speed, temperature or heating levels, press the fan, temperature level or heat function buttons respectively and then press the '+' or '-' button to adjust.

When the remote control is not in use, put it on the remote-control shelf.

There is a magnet inside to hold the remote control.

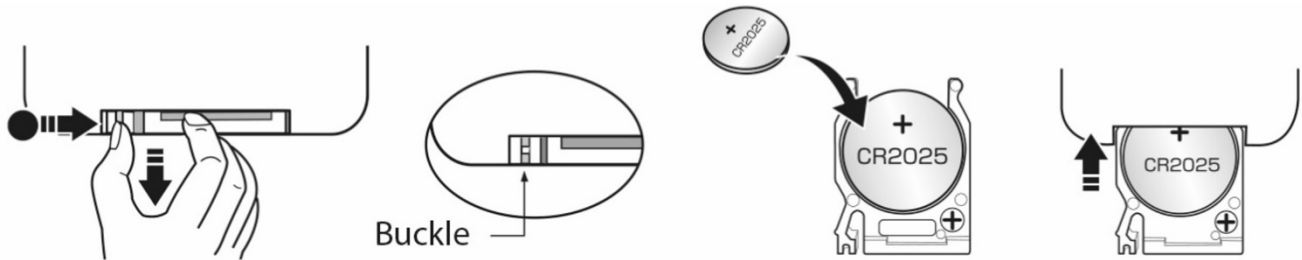
Remote control shelf



REMOTE CONTROL

To replace the battery, follow these steps:

1. Hold down the buckle to open the slot.
2. Insert the battery with the correct side facing up.
3. Slide the battery slot back into the remote until it clicks into place.

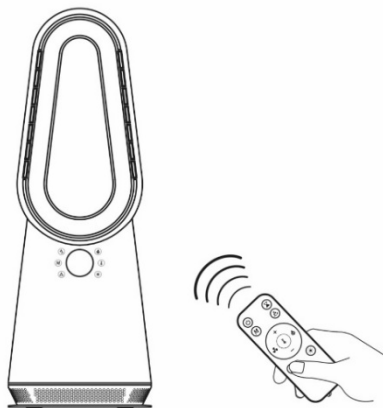


Note: Do not charge this battery. If it hasn't been used for a long time, please remove the battery. Keep out of reach of children and, if swallowed, seek medical attention immediately.

Possible remote-control interference:

- This fan may respond to remote controls for other devices.
- If you use the remote control for this unit, other devices may respond.

This is due to the overlapping frequencies of the remote controls. It doesn't indicate quality issues with the product itself. To avoid misuse, keep the remote control away from other electrical devices during operation.



Direct the remote towards the display to maximise the remote-control signal.

CLEANING AND MAINTENANCE



Note: This model should only require minimal maintenance. Do not try to fix it yourself. If service is needed, contact a qualified technician.

- Ensure the unit is unplugged before assembly and before cleaning.
- During maintenance, do not soak or splash water on the unit. Getting the unit wet will damage it.
- Do not use gasoline, alcohol, bleach or metal objects to wipe the fan surface. This can cause the surface to discolour and deteriorate.
- To ensure adequate air circulation to the motor, keep vents at the rear free of dust. Do not disassemble the fan to remove dust.
- Do not use any abrasive detergent or solvents to avoid scratching the surface.
- Do not allow water or any other liquid into the motor housing or interior parts.

Unit Surface

- Gently wipe the unit's surface with a soft dry cloth.
- If the surface is dirty, the debris can be diluted with neutral detergent and then wiped with a soft cloth.

Air Inlet and Outlet

- Use a soft brush or vacuum cleaner to remove dust at the air inlet and outlet.
- Too much dust can reduce effectiveness. To maintain the fan, clean it when only a minimal amount of dust has accumulated.

Storage

- Avoid places with vibration and electrical appliances with cooling/heating function.
- Avoid placing it in direct sunlight, high temperatures and humidity.
- Keep out of the reach of children.

PROBLEM SOLVING

Unit doesn't switch on	• Check the appliance is plugged in. • Check the socket is switched on. • Check another appliance in the socket. • Unplug and check for any obvious signs of damage to the cord or plug. • If recently used, allow to cool for 1 hour, then try again. • Check and remove any object on or adjacent to the appliance. • Ensure your heater is placed on a flat and even surface. • Ensure that your circuit breaker or fuse is working properly • Make sure thermostat is set to a higher temperature than the ambient temperature
Unit makes a rattling sound	• Check there is nothing in contact with the appliance. • Check the appliance is on a level surface.
Remote doesn't work	• The batteries may need replacing. • The remote is being used more than 5m away from the product.
Unit makes a grinding sound	• Immediately switch off and contact Customer Services.
Air coming out is dusty	• Ensure the appliance is unplugged and set to OFF. • Using a vacuum and crevice brush, gently vacuum the front grille.

PROBLEM SOLVING

ERROR CODE

CODE	PROBLEM	POSSIBLE REASON
E1	Low Voltage Protection	- Induced by voltage too low 220V fan connected to 110V voltage
E2	High Voltage Protection	Induced by voltage too high
E3	Blocked Rotor	- Poor connection between rotor terminal block and electronic board - Circuit driver, power component (MOSFET) or other components damaged by outer forces, Electronic board parameter error
E4	Hardware Overcurrent	- Short circuit of fan rotor or inner rotor - Driver error or power component (MOSFET) error
E5	Software Overcurrent	Current sampling circuit error
E6	Motor Malfunction	- Rotor disconnection - Poor connection between rotor and terminal block - Driving error of driver
E7	Communication Error	Poor communication between display board and mother board, poor cable connection, PCB malfunction

PROBLEM SOLVING

ERROR CODE

CODE	PROBLEM	POSSIBLE REASON
E8	Machine Tilting	Machine placed at an angle of ≥ 30 degrees against the surface
E9	Temperature Sensor Malfunction	Temperature-sensor probe poor connection



Note: If error persists, contact Customer Service. Do not take the unit apart or attempt to fix it yourself.

IMPORTANT!

KEEP THE GRILLE CLEAN

Vacuum the grille at least once every 3 months.

The fan may require more frequent vacuuming if in a dusty environment.

Ensure that the fan is unplugged before cleaning.

3

MONTHS

RECYCLING

Legislation in some localities mandates that e-waste (anything with a plug, battery or cord) is disposed of through controlled recycling facilities and must not be disposed of in general household waste. For more information about recycling of electrical and battery operated appliances, please contact your local council or your local household waste disposal service.

SPECIFICATION

Model number	RHCBLDL3IN1 (B)				
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat output/room temperature control	
Nominal heat output	P _{nom}	2.000	kW	single stage heat output and no room temperature control	No
Minimum heat output (indicative)	P _{min}	N/A	kW	Two or more manual stages, no room temperature control	No
Maximum continuous heat output	P _{max,c}	2.000	kW	with mechanic thermostat room temperature control	No
				with electronic room temperature control	Yes
Power consumption				electronic room temperature control plus day timer	No
In off mode	P _o	N/A	W	electronic room temperature control plus week timer	No
In standby mode	P _{sm}	0.46	W	Other control options (multiple selections possible)	
In idle mode	P _{idle}	0.46	W	room temperature control, with presence detection	No
In network standby	P _{nsm}	N/A	W	room temperature control, with open window detection	No
Standby mode with display information or status			Yes	distance control option	No
Seasonal space heater energy efficiency in active mode	η _{s,on}	91.5	%	adaptive start control	No
				working time limitation	Yes
				black bulb sensor	No
				Self learning functionality	No
				Control accuracy	No
Contact details	Product Care Trading Ltd, Unit 1 Green Bank Business Park, Swan Lane, Hindley Green, Wigan, WN2 4AY, United Kingdom				
	Product Care (Ireland) Ltd, Unit 3D North Point House, North Point Business Park, New Mallow Road, Cork, T23 AT2P, Ireland				

CONNECTION TO THE MAINS SUPPLY

WARNING

This appliance is designed to operate from a mains supply of AC220V - 240V; 50-60Hz.

Check that the voltage marked on the product corresponds with your supply voltage.

For UK use only – Plug fitting details (where applicable):

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The BLUE wire is the NEUTRAL and must be connected to the terminal marked with the letter N or coloured BLACK.

The BROWN wire is the LIVE wire and must be connected to the terminal marked with the letter L or coloured RED.

Always ensure that the plug cord grip is fastened correctly.



Note: Only ever use a BS1362 fuse with the same rating marked on the non-rewirable plug.

GUARANTEE

At Russell Hobbs, we take all our customer feedback seriously.

Feel free to contact our Customer Services Team who will be more than happy to assist you.

This product is guaranteed for 12 months from the date of the original purchase. If any defect arises due to faulty materials or workmanship, the faulty product must be returned to the place of purchase.

Refund or replacement is at the discretion of the retailer.

The following conditions apply:

- The product must be returned to the retailer with the original proof of purchase.
- The product must be installed and used in accordance with the instructions contained in this instruction guide and any other instructions for use which are supplied.
- It must be used for domestic purposes only and for its intended use.
- This guarantee does not cover wear and tear, damage, misuse or consumable parts.
- This does not affect your statutory rights.

Region	Contact	Website
UK & Northern Ireland	0345 209 7461	mda.russellhobbs.com
Ireland	1 800 938982	ie.mda.russellhobbs.com
Rest of Europe	europe@productcaregroup.com	de.mda.russellhobbs.com fr.mda.russellhobbs.com es.mda.russellhobbs.com it.mda.russellhobbs.com nl.mda.russellhobbs.com

Note your serial number below for future reference

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Russell Hobbs

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The 'whee bin' symbol is known as the 'Crossed-out whee bin Symbol'. When this symbol is marked on a product/batteries, it means that the product/batteries should not be disposed of with your general household waste. Only discard electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within. Your co-operation is vital to ensure the success of these schemes and for the protection of the environment. For your nearest disposal facility, visit www.recycle-more.co.uk or ask in store for details.

SEDEX – Connecting businesses and their global suppliers to share ethical data and enabling improvement in ethical performance. Visit www.sedex.org.uk for further information.

We reserve the right, due to possible changes to design, to alter the instruction manual without prior notice.