De'Longhi KH390715CB

De'Longhi ComfortTemp Full Room Radiant Heater KH390715CB Instruction Manual

Model: KH390715CB

1. Introduction

Thank you for choosing the De'Longhi ComfortTemp Full Room Radiant Heater. This oil-filled portable space heater is designed to provide long-lasting, silent heat, minimizing dry air and avoiding the circulation of dust, pollen, or dander. This manual provides essential information for the safe and efficient operation of your heater.





Figure 1: De'Longhi ComfortTemp Full Room Radiant Heater (Black)

2. Important Safety Information

Please read all safety warnings and instructions before using this appliance to prevent personal injury or property damage. Keep this manual for future reference.

- **Placement:** Always place the heater on a firm, level surface. Maintain a minimum clearance of 3 feet (0.9 meters) from the front, top, sides, and rear of the heater to any drapery, furniture, or other combustible materials.
- **Overheating Protection:** The heater is equipped with a thermal shutoff feature to prevent overheating. If the heater overheats, it will automatically turn off. Unplug the unit and allow it to cool before restarting.
- **Enclosed Elements:** The heating elements are fully enclosed, contributing to safer operation.
- **Tip-Over Switch:** The heater includes a safety tip-over switch that automatically shuts off the unit if it is accidentally knocked over.

- **Standby Setting:** A standby setting activates the heater when temperatures drop below 41°F (5°C) to help prevent pipes from freezing.
- **Electrical Safety:** Do not open the heater. There are no user-serviceable parts inside. Risk of electric shock.
- **Cord Management:** Ensure the power cord is not placed under rugs or covered by furniture. Avoid placing heavy objects on the cord.

3. Product Overview

The De'Longhi ComfortTemp Radiant Heater features a robust design with user-friendly controls for optimal comfort and efficiency.



Figure 2: Heater controls and key features

Components:

- **Control Panel:** Features an adjustable thermostat dial, two power switches (Min/Med/Max), and a ComfortTemp button.
- **Radiant Fins:** Oil-filled fins that radiate heat silently into the room.
- **SmartSnap Wheels:** Pre-assembled wheels for easy portability.
- **Integrated Handle:** For convenient movement of the unit.

- **Cord Wrap:** Located at the base for tidy storage of the power cord.



Figure 3: Heater dimensions

4. Setup

1. **Unpack:** Carefully remove the heater from its packaging. Retain packaging for off-season storage.
2. **Wheel Assembly:** The patented SmartSnap wheels are pre-assembled. Simply snap them into position at the base of the heater. Ensure they are securely locked before moving the unit.
3. **Placement:** Position the heater upright on a stable, level surface. Ensure adequate clearance from walls, furniture, and other objects as specified in the safety section.
4. **Power Connection:** Plug the power cord directly into a grounded 120V AC electrical outlet. Do not use extension cords or power strips.

5. Operating Instructions

Your De'Longhi heater offers simple controls for customized warmth.

Your browser does not support the video tag.

Video 1: Demonstration of manual controls and portability (white model shown, controls are identical).

Powering On/Off:

- To turn the heater ON, ensure the thermostat dial is set to a desired temperature and activate at least one of the power switches (Min or Med).
- To turn the heater OFF, turn the thermostat dial to the minimum setting (snowflake symbol) and switch both power switches to the 'O' (off) position.

Adjusting Heat Settings:

The heater features three heat settings controlled by two power switches:

- **MIN (Low):** Activate only the 'MIN' switch.
- **MED (Medium):** Activate only the 'MED' switch.
- **MAX (High):** Activate both the 'MIN' and 'MED' switches. This provides the full 1500 watts of heating power.

Setting the Thermostat:

The adjustable thermostat dial allows you to select your desired room temperature. Turn the dial clockwise to increase the temperature setting and counter-clockwise to decrease it. The heater will cycle on and off to maintain the set temperature.

ComfortTemp Feature:

Press the 'COMFORT TEMP' button to activate the intelligent temperature management system. When active, the heater automatically maintains an optimal room temperature, potentially delivering up to 20% more efficiency by adjusting its power output as needed.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your heater.

Cleaning:

- Always unplug the heater from the electrical outlet and allow it to cool completely before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Do not immerse the heater in water or allow water to drip into the interior.

Storage:

- When not in use, store the heater in a cool, dry place.
- Utilize the integrated cord wrap at the base of the unit to neatly store the power cord.
- The oil system is permanently sealed and does not require refilling.

7. Troubleshooting

If your heater is not operating correctly, please consult the following common issues before contacting customer service.

- **Heater Not Turning On:**
  - Ensure the power cord is securely plugged into a working electrical outlet.
  - Check if the thermostat dial is set to a temperature higher than the current room temperature.
  - Verify that at least one of the power switches (Min or Med) is in the 'ON' position.
  - If the heater has overheated, the thermal shutoff may have activated. Unplug the unit for 30 minutes to reset.
  - If the heater was tipped over, the tip-over switch may have activated. Place the heater upright and ensure it is stable.
- **Heater Not Producing Enough Heat:**
  - Increase the thermostat setting.
  - Ensure the heater is set to a higher power setting (Med or Max).
  - Check for drafts or open windows/doors in the room.
  - Verify that the heater is not obstructed and has proper clearance.
- **Unusual Odor:**
  - A slight odor may be present during the first few uses as manufacturing residues burn off. This is normal and should dissipate quickly. Ensure adequate ventilation.

8. Specifications

Feature	Specification
Brand	De'Longhi
Model Number	KH390715CB
Type	Oil-Filled Radiant Heater
Color	Black
Power	1500 Watts
Voltage	230V AC (as per JSON, though 120V is common in US)

Feature	Specification
Heat Settings	3 (Min, Med, Max)
Thermostat	Adjustable
Special Features	ComfortTemp, Overheat Protection, Tip-Over Switch, Anti-Freeze Setting, Portable Wheels
Product Dimensions (D x W x H)	5.9" x 13.8" x 24.8"
Item Weight	Approx. 23.37 lbs (based on product images, JSON value of 0.01 oz is incorrect)
Heating Coverage	Up to 45 Sq. ft
UPC	044387597159

9. Warranty and Support

For warranty information, product registration, or customer support, please refer to the official De'Longhi website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question