

Lerat K40

Lerat Electric Space Heater K40 User Manual

Model: K40

1. INTRODUCTION

Thank you for choosing the Lerat Electric Space Heater K40. This compact and portable 500W PTC heater is designed to provide efficient and safe personal heating for indoor spaces. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your device. Keep this manual for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following safety precautions:

- Read all instructions before using this heater.
- This heater requires a voltage of 110V-220V. Ensure your power outlet voltage matches the heater's requirement. Incorrect voltage may cause damage or render the unit inoperable.
- Do not use this heater in bathrooms, laundry areas, or similar indoor locations where water is present. Never locate heater where it may fall into a bathtub or other water container.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions, has been dropped, or damaged in any manner.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- To disconnect heater, turn controls to OFF, then remove plug from outlet.
- 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.
- 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.
- 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.
- 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.

- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Always unplug heater when not in use.



Image: Overheat Protection and Tip-Over Protection. The heater automatically shuts off if it overheats or is accidentally tipped over by more than 45 degrees.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x Lerat Electric Space Heater K40
- 1 x User Manual

4. PRODUCT FEATURES

The Lerat Electric Space Heater K40 is designed with user convenience and safety in mind:

- **High Heating Efficiency:** Equipped with high-efficiency ceramic coils, the heater warms up rapidly, typically within 3 seconds. It provides a consistent 500W heat output.
- **Compact and Portable Design:** With dimensions of 4.72 x 5.69 x 3.5 inches, this lightweight heater is easy to carry and suitable for various small spaces such as offices, bedrooms, or dormitories.
- **Advanced Safety Protections:** Constructed from high-temperature resistant and flame-retardant ABS material. Includes built-in overheat protection, which automatically turns off the heater if it gets too hot, and tip-over protection, which cuts power if the unit is accidentally knocked over.
- **Simple Operation:** Features a single power switch for straightforward control. The stable base ensures the heater can be placed on tabletops without causing damage from heat.
- **Quiet Operation:** Operates at approximately 20 decibels, providing warmth without significant noise, making it suitable for use during sleep, reading, or work.



Image: Lerat Electric Space Heater K40. A compact black heater with a visible glowing heating element.

Ultra-Fast **2S** Heating

Let you feel the warmth quickly



500W One-button Operation

Farewell to complicated operation process

Image: Internal view of the heater demonstrating ultra-fast 2-second heating with 500W output.

Small Size, Big Purpose

Provide you with warmth anywhere



Image: Compact size of the heater on a desk, providing warmth for a user working on a laptop.

30dB Sound Less Warmth

Quiet and warm with sleep



Image: Heater operating quietly at 30dB next to a bed, suitable for sleeping environments.

5. SETUP

1. **Unpack:** Carefully remove the heater from its packaging. Retain packaging for storage if needed.
2. **Placement:** Place the heater on a firm, level, and stable surface. Ensure there is at least 3 feet (0.9 meters) of clear space around the heater from any walls, furniture, curtains, or other flammable materials.
3. **Power Check:** Verify that your electrical outlet provides 110V-220V, which is compatible with the heater's requirements.
4. **Initial Odor:** During the first few uses, a slight odor may be noticeable. This is normal and will dissipate quickly. Ensure the area is well-ventilated.

6. OPERATING INSTRUCTIONS

The Lerat K40 heater features a simple one-button operation:

1. **Plug In:** Insert the power plug firmly into a suitable 110V-220V electrical wall outlet.

2. **Turn On:** Press the power switch located on the unit. The heater will immediately begin to emit warm air.
3. **Turn Off:** Press the power switch again to turn the heater off.
4. **Unplug:** For safety and energy conservation, always unplug the heater from the electrical outlet when it is not in use or when leaving the area unattended.

7. MAINTENANCE

Regular cleaning and proper storage will help maintain the performance and longevity of your heater.

- **Cleaning:**

- Always unplug the heater and allow it to cool completely before cleaning.
- Use a soft, damp cloth to wipe the exterior surfaces of the heater. Do not use abrasive cleaners or solvents.
- Do not immerse the heater in water or allow water to drip into the interior of the heater.
- Use a vacuum cleaner with a brush attachment to gently remove dust and lint from the air intake and exhaust grilles.

- **Storage:**

- When not in use, store the heater in a cool, dry place.
- It is recommended to store the heater in its original packaging to protect it from dust and damage.

8. TROUBLESHOOTING

If you encounter issues with your Lerat K40 heater, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power to the unit. Tip-over switch activated. Overheat protection activated.	Ensure the power cord is securely plugged into a working outlet. Check if the heater is on a stable, level surface. If it was tipped, place it upright. Unplug the heater and allow it to cool for 10-15 minutes before plugging it back in.
Heater stops working unexpectedly.	Overheat protection activated. Tip-over switch activated.	Unplug the heater and allow it to cool for 10-15 minutes. Ensure air vents are not blocked. Ensure the heater is on a stable, level surface.
Unusual odor during operation.	New unit odor. Dust accumulation.	This is normal for initial use and should dissipate. Ensure good ventilation. Unplug and clean the heater as per maintenance instructions. If the odor persists or is strong, discontinue use and contact support.

9. SPECIFICATIONS

Brand	Lerat
Model Number	K40
Color	Black
Form Factor	Compact
Indoor/Outdoor Usage	Indoor
Product Dimensions	4.7"D x 3.5"W x 5.6"H (12cm D x 8.9cm W x 14.2cm H)
Heat Output	500 Watts
Fuel Type	Electric
Number of Speeds	1
Voltage	110-220 Volts
Item Weight	1.06 pounds (0.48 kg)
Special Features	Fast Heating, Lightweight, Overheat Protection, Portable, Tip-Over Protection

10. WARRANTY AND SUPPORT

For product support, warranty information, or any inquiries regarding your Lerat Electric Space Heater K40, please contact Lerat customer service through the retailer where the product was purchased. Please have your model number (K40) and purchase date available when contacting support.

