

Lerat M338

Lerat Portable Space Heater M338 User Manual

Model: M338

1. INTRODUCTION

Thank you for choosing the Lerat Portable Space Heater M338. This ceramic heater is designed to provide efficient and safe heating for indoor spaces. Featuring PTC fast heating technology, multiple safety protections, and user-friendly controls, it offers a comfortable environment for your home or office. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's lifespan.



Image 1.1: Front view of the Lerat Portable Space Heater M338, showcasing its compact design and control panel.

2. IMPORTANT SAFETY INSTRUCTIONS

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

- Read all instructions before using this heater.

- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 meters) from the front of the heater and keep them away from the sides and rear.
- 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.
- 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 use outdoors.
- 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.
- 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 includes an automatic tip-over safety switch and overheat protection. If the heater tips over or overheats, it will automatically shut off.

Reliable & Safety



45° Tip-over
Protection



Overheating
Protection



V-0 Flame
Retardant Material



Upgraded Power
cord & Plug



Image 2.1: Visual representation of the Lerat M338 heater's safety features, including 45° tip-over protection, overheat protection, V-0 flame retardant material, and an upgraded power cord and plug.



Image 2.2: Close-up view of the upgraded power cord and plug, highlighting its reinforced design for enhanced safety.

3. PACKAGE CONTENTS

- Lerat Portable Space Heater M338
- User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Lerat M338 heater:

- **Control Panel:** Located on the front base, featuring touch buttons for power, mode, oscillation, and timer.
- **Air Outlet Grille:** Front grille where heated air is expelled.
- **Air Inlet:** Rear opening for air intake.
- **Power Cord:** Attached at the rear base.
- **Integrated Handle:** Located on the top for easy portability.

Fast Heating in 2s
Energy efficient for year-round use.



Image 4.1: Exploded view of the Lerat M338 heater, showing the internal PTC heating elements and fan for rapid heat distribution.



Image 4.2: The Lerat M338 heater shown with its integrated top handle, designed for easy and safe portability.

5. SETUP

1. **Unpack:** Carefully remove the heater from its packaging. Retain packaging for future storage.
2. **Placement:** Place the heater on a firm, level surface. Ensure there are no obstructions within 3 feet (0.9 meters) of the front, sides, and rear of the heater.
3. **Power Connection:** Plug the power cord directly into a 120V AC, 60Hz wall outlet. Do not use extension cords or power strips.
4. **Initial Check:** Ensure the heater is upright and stable. The tip-over safety switch requires the unit to be on a flat, stable surface to operate correctly. If the heater is tilted, it will not power on or will shut off automatically.

6. OPERATING INSTRUCTIONS

Control Panel Functions:

- ① **Power Button:** Turns the heater ON/OFF.
- ② **Mode Button:** Cycles through heating modes (Low Heat, High Heat, Fan Only).
- ③ **Oscillation Button:** Activates/deactivates the 70° oscillation function.
- ④ **Timer Button:** Sets the auto-off timer (1-12 hours).

Basic Operation:

1. **Power On:** Press the Power Button (①). The heater will start in a default heating mode.
2. **Select Mode:** Press the Mode Button (②) repeatedly to cycle through the available modes:
 - **H1 Low Heat (700W):** For gentle, continuous warmth.
 - **H2 High Heat (1500W):** For rapid heating of larger areas.
 - **Fan Only Mode:** Circulates air without heat, suitable for year-round use.
3. **Activate Oscillation:** Press the Oscillation Button (③) to enable the 70° wide-angle oscillation, distributing heat more evenly across the room. Press again to stop oscillation.
4. **Set Timer:** Press the Timer Button (④) to set the auto-off timer. Each press increases the timer by 1 hour, up to 12 hours. The heater will automatically shut off after the set time. To cancel the timer, cycle through until no timer indicator is lit, or turn the heater off.
5. **Power Off:** Press the Power Button (①) to turn off the heater. The fan may continue to run for a short period (approx. 30 seconds) to cool down the heating elements before completely shutting off.

Multiple Modes with Fan

Energy efficient for year-round use



Image 6.1: The Lerat M338 heater displaying its three operational modes: H1 Low Heat (700W), H2 High Heat (1500W), and Fan Only Mode.



Image 6.2: Illustration showing the airflow for both fan-only (cool air) and heating (warm air) modes of the Lerat M338 heater.

Wide Oscillation Warms Every Corner of Your Room

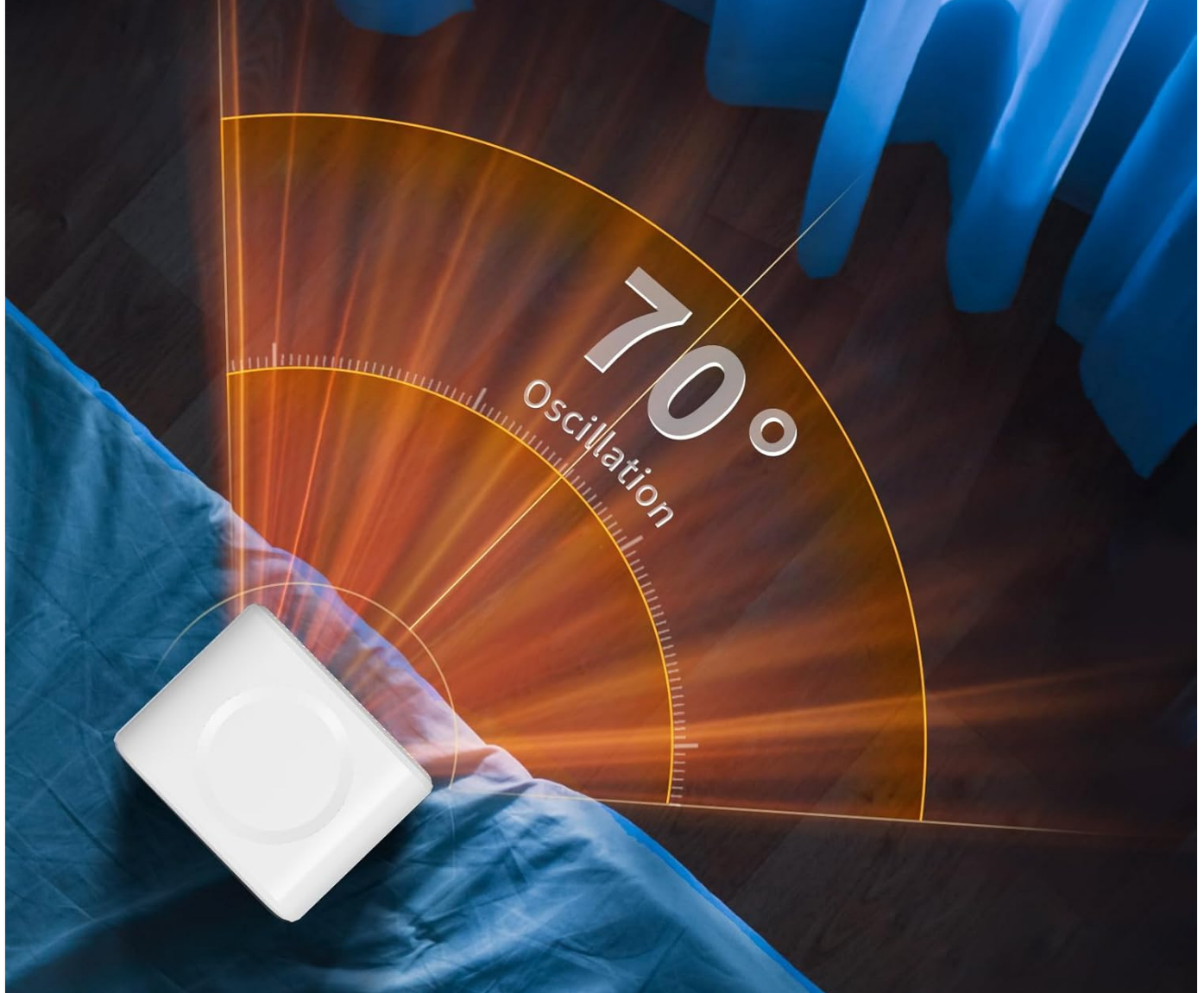


Image 6.3: Depiction of the Lerat M338 heater's 70-degree oscillation feature, illustrating how it distributes warmth across a wider area.

7. MAINTENANCE

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.
- Use a vacuum cleaner with a brush attachment to gently remove dust from the air inlet and outlet grilles.

Storage:

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

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater does not turn on or shuts off immediately after pressing power.	<ul style="list-style-type: none">• Heater is not on a flat, stable surface (tip-over switch activated).• Overheat protection activated.• Power cord not securely plugged in.	<ul style="list-style-type: none">• Place the heater on a completely flat and stable surface. The safety switch is sensitive and requires proper placement.• Unplug the heater, allow it to cool for 10-15 minutes, then plug it back in. Ensure air inlets/outlets are not blocked.• Ensure the power cord is firmly plugged into a working wall outlet.
Heater blows cold air in heating mode.	<ul style="list-style-type: none">• Heater is in "Fan Only" mode.• Overheat protection activated (heater cools down before restarting heat).	<ul style="list-style-type: none">• Press the Mode Button (②) to select H1 (Low Heat) or H2 (High Heat).• Check for obstructions around the heater. Unplug, cool, and restart.
Heater makes unusual noise.	<ul style="list-style-type: none">• Dust or debris in the fan.• Unit not on a stable surface.	<ul style="list-style-type: none">• Unplug and clean the air inlets/outlets as described in the Maintenance section.• Ensure the heater is on a flat, stable surface.



Image 8.1: The Lerat M338 heater illustrating its 45-degree tip-over protection, which automatically shuts off the unit if it is not upright.

9. SPECIFICATIONS

Model Number	M338
Brand	Lerat
Power Supply	120V AC, 60Hz
Heat Output	700W (Low), 1500W (High)
Dimensions (D x W x H)	9" x 6" x 4"
Item Weight	2.7 pounds


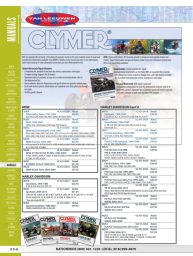

Special Features	Fast Heating, Noiseless, Overheat Protection, Portable, Tip-Over Protection, 1-12H Timer, 70° Oscillation
Room Type Recommendation	Bathroom, Bedroom, Dorm Room, Home Office, Kids Room
Form Factor	Base

10. WARRANTY AND SUPPORT

Lerat provides a limited warranty for this product. For detailed warranty information, product support, or to report any issues, please contact Lerat customer service through the retailer where the product was purchased or visit the official Lerat website. Please have your model number (M338) and purchase date available when contacting support.



Related Documents - M338

	Lerat K40 Desktop Electric Space Heater: User Manual & Safety Guide Comprehensive user manual and safety guide for the Lerat K40 Desktop Electric Space Heater, detailing specifications, operation, and important warnings.
	Clymer Motorcycle and Powersport Repair Manuals Catalog Comprehensive catalog of Clymer repair manuals for motorcycles, ATVs, snowmobiles, and personal watercraft from major manufacturers like Honda, Yamaha, Kawasaki, Suzuki, Harley-Davidson, BMW, Polaris, Arctic Cat, and Sea-Doo. Find detailed service, maintenance, and repair information for a vast range of models.
	Blumaple Corporate Catalogue: Premium Electronics, Office IT Hardware, and Corporate Gifting Explore the Blumaple Corporate Catalogue featuring a wide range of premium electronics, office IT hardware, and corporate gifting solutions. Discover smart water bottles, speakers, wearables, paper tablets, and more from leading brands.