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## CAYNEL MQ68504

# CAYNEL Space Oil Filled Radiator Heater User Manual

Model: MQ68504

## 1. INTRODUCTION

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Thank you for choosing the CAYNEL Space Oil Filled Radiator Heater. This manual provides important information for the safe and efficient operation of your new heater. Please read all instructions carefully before use and retain this manual for future reference.

This CAYNEL oil-filled radiator heater is designed to provide quiet and consistent warmth for indoor spaces such as bedrooms, home offices, and living rooms. It features an adjustable thermostat, a 24-hour timer, and multiple safety protections including overheating and tip-over switches.



Figure 1: CAYNEL Space Oil Filled Radiator Heater with remote control. The heater is black with a digital display and control panel, and a separate remote control is shown next to it.

## 2. IMPORTANT SAFETY INSTRUCTIONS

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When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read all instructions before using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9 m) from the front of the heater and keep them away from the sides and rear.
3. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
4. Always unplug heater when not in use.
5. 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.
6. Do not use outdoors.
7. 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.

8. 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.
9. To disconnect heater, turn controls to OFF, then remove plug from outlet.
10. 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.
11. 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.
12. 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.
13. 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.
14. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
15. This heater includes a tip-over safety switch and an overheat protection system. If the heater tips over or overheats, it will automatically shut off.
16. Ensure the heater is placed on a stable, level surface to prevent accidental tipping.
17. 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.
18. Children should be supervised to ensure that they do not play with the appliance.

# Multiple Safety Systems



Child Lock



Overheat Protection



Tip-over Protection



ETL Listed



Figure 2: The heater features multiple safety systems including Child Lock, Overheat Protection, Tip-over Protection, and ETL Listing. A child is shown playing safely near the heater, emphasizing its safety features.

# Tip-over protection & Overheat protection



Figure 3: This diagram illustrates the tip-over protection, showing the heater automatically shutting off if tilted beyond 45 degrees, and the overheat switch for thermal protection.

## 3. PRODUCT COMPONENTS

Familiarize yourself with the parts of your CAYNEL Oil Filled Radiator Heater:

- **Radiator Fins:** Oil-filled elements that generate heat.
- **Control Panel:** Features an LED display, power button, mode selection, timer, and temperature adjustment buttons.
- **Remote Control:** Allows for convenient operation from a distance.
- **Casters (Wheels):** For easy mobility of the heater.
- **Handle:** Integrated for convenient transport.
- **Power Cord and Storage:** For electrical connection and neat storage.
- **Tip-over Switch:** Safety mechanism that automatically shuts off the heater if it tips over.
- **Overheat Protection:** Internal sensor that shuts off the heater if it reaches an unsafe temperature.



### Portable Design



### Universal Wheels



### Cord Storage



Figure 4: This image highlights the portable design of the heater, featuring universal wheels for easy movement and a dedicated area for power cord storage.

## 4. SETUP AND ASSEMBLY

The CAYNEL Oil Filled Radiator Heater typically comes pre-assembled or requires minimal assembly for the casters. Follow these steps:

1. **Unpacking:** Carefully remove the heater from its packaging. Retain packaging for off-season storage.
2. **Caster Attachment (if required):** If the casters are not pre-attached, insert the caster stems into the designated holes on the heater's base. Ensure they are securely locked into place.
3. **Placement:** Place the heater on a firm, level surface. Ensure there is at least 3 feet (0.9 m) of clear space around the heater from walls, furniture, and other combustible materials.
4. **Power Connection:** Plug the power cord directly into a 120V AC, 60Hz grounded wall outlet. Do not use extension cords or power strips.

## 5. OPERATING INSTRUCTIONS

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Your CAYNEL heater can be operated via the control panel on the unit or the included remote control.

### 5.1 Control Panel and Remote Control

The control panel features an LED display and buttons for Power, Mode, Timer, and Temperature adjustment. The remote control mirrors these functions for convenience.

### 5.2 Power On/Off

- Press the **POWER** button on the control panel or remote to turn the heater ON or OFF.
- The LED display will illuminate when the heater is on.

### 5.3 Heating Modes

Press the **MODE** button to cycle through the available heating modes:

- **Low (600W):** For gentle, continuous heat.
- **Medium (900W):** For moderate heating.
- **High (1500W):** For rapid heating of larger spaces.
- **ECO Mode:** Automatically adjusts power consumption to maintain the set temperature, optimizing energy efficiency.

# Larger Heating Area

Powerful 1500W heating provides warmth for large rooms.



Figure 5: The heater operating in a living room, demonstrating its capability to provide warmth for larger heating areas with its powerful 1500W setting.



Figure 6: This image illustrates the heater's ability to maintain sustained warmth across different areas of a home, such as a low-heat bedroom, an ECO mode living room, and a high-heat dining room.

## 5.4 Setting the Thermostat

- When the heater is ON, use the **+** or **-** buttons on the control panel or remote to adjust the desired temperature.
- The temperature can be set from 60°F to 95°F (15°C to 35°C) in 1°F increments.
- The heater will cycle on and off to maintain the set temperature.

## 5.5 Using the 24-Hour Timer

The timer function allows you to set a specific duration for the heater to operate before automatically turning off, or to schedule when it turns on.

- Press the **TIMER** button on the control panel or remote.
- Use the **+** or **-** buttons to set the desired number of hours (1-24 hours).
- The timer will begin counting down. Once the set time expires, the heater will automatically turn off.





Figure 8: The heater positioned in a bedroom, illustrating its quiet operation, 24-hour timer, and features that prevent dry air, ensuring a peaceful and comfortable sleep environment.

## 6. MAINTENANCE AND CARE

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Proper maintenance ensures the longevity and efficient operation of your heater.

- **Cleaning:**

- Always unplug the heater 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.
- Wrap the power cord neatly around the integrated cord storage area to prevent damage.

- It is recommended to store the heater in its original packaging to protect it from dust and damage.
- **No Lubrication Required:** The heater's internal components are permanently lubricated and require no additional oiling.

## 7. TROUBLESHOOTING

If your heater is not operating correctly, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	<ul style="list-style-type: none"> <li>• Not plugged in securely.</li> <li>• Power outlet is not functioning.</li> <li>• Tip-over switch activated.</li> <li>• Overheat protection activated.</li> <li>• Timer is set to OFF.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure the power cord is firmly plugged into a grounded outlet.</li> <li>• Check the circuit breaker or try another outlet.</li> <li>• Place the heater on a flat, stable surface. If it tipped, stand it upright and wait a few minutes before restarting.</li> <li>• Unplug the heater, let it cool for 30 minutes, then plug it back in. Ensure no obstructions are blocking air vents.</li> <li>• Check the timer setting and adjust if necessary.</li> </ul>
Heater produces insufficient heat.	<ul style="list-style-type: none"> <li>• Low heat mode selected.</li> <li>• Thermostat set too low.</li> <li>• Room size exceeds heating capacity.</li> </ul>	<ul style="list-style-type: none"> <li>• Select a higher heating mode (Medium or High).</li> <li>• Increase the thermostat setting.</li> <li>• Ensure the heater is appropriate for the room size (up to 300 sq ft).</li> </ul>
Heater cycles on and off too frequently.	<ul style="list-style-type: none"> <li>• Thermostat set too close to ambient room temperature.</li> <li>• Heater is too close to a heat source or cold draft.</li> </ul>	<ul style="list-style-type: none"> <li>• Adjust the thermostat to a higher or lower setting as needed.</li> <li>• Relocate the heater away from other heat sources or drafts.</li> </ul>
Remote control not working.	<ul style="list-style-type: none"> <li>• Batteries are dead or incorrectly inserted.</li> <li>• Obstruction between remote and heater.</li> </ul>	<ul style="list-style-type: none"> <li>• Replace batteries with new ones, ensuring correct polarity.</li> <li>• Ensure a clear line of sight between the remote and the heater's sensor.</li> </ul>

## 8. SPECIFICATIONS

Feature	Detail
Brand	CAYNEL
Model Number	MQ68504
Type	Oil Filled Radiator Heater
Power Supply	120V AC, 60Hz
Heat Output	600W / 900W / 1500W
Heating Modes	Low, Medium, High, ECO
Thermostat Range	60°F - 95°F (15°C - 35°C)

Feature	Detail
Timer	1-24 Hours
Heating Coverage	Up to 300 sq ft
Product Dimensions (Approx. H x W x D)	24" x 14.5" x 6.5" (Note: The 27-inch variant refers to the overall height including wheels, while the main unit height is approximately 24 inches.)
Item Weight	15.82 pounds
Safety Features	Overheat Protection, Tip-over Protection, Child Lock, ETL Listed



Figure 9: Front and side views of the heater with key dimensions indicated: 6.5 inches (depth of control panel), 14.5 inches (width of fins), and 24 inches (height of main unit). The overall height of the 27-inch variant includes the wheels.

## 9. WARRANTY AND SUPPORT

CAYNEL products are manufactured to high-quality standards. For specific warranty information, please refer to the

warranty card included with your product or visit the official CAYNEL website. If you encounter any issues or require technical assistance, please contact CAYNEL customer support.

**Contact Information:** Please refer to the product packaging or the CAYNEL official website for the most up-to-date customer service contact details.

You can also visit the [CAYNEL Store on Amazon](#) for more product information and support.