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De'Longhi EW7707CM

De'Longhi Oil-Filled Radiator Heater User Manual

Model: EW7707CM | Brand: De'Longhi

PRODUCT OVERVIEW

The De'Longhi ComforTemp portable oil-filled radiator is designed to effectively and efficiently heat any room. It features an automatic system that maintains optimal room temperature, contributing to energy savings. The heater produces radiant heat while maintaining a low surface temperature, making it suitable for households with children or pets. Its user-friendly control panel includes an adjustable thermostat and three heat settings. An anti-freeze setting activates the unit automatically if the temperature drops below 44 degrees F (6.7 degrees C). Key safety features include durable metal construction, a gently rounded design, and a thermal cut-off function to prevent overheating. With its silent operation, this De'Longhi oil-filled radiator offers a reliable heating solution.





Figure 1: De'Longhi EW7707CM Oil-Filled Radiator Heater, White.

IMPORTANT SAFETY INFORMATION

Please read all safety warnings and instructions before using this appliance to avoid potential hazards.

- **Thermal Cut-Off:** The unit is equipped with a thermal cut-off function that automatically turns the heater off if it starts to overheat.
- **Low Surface Temperature:** Exclusive thermal slot design maximizes heat flow into the room while maintaining a low surface temperature on the exterior of the unit.
- **Anti-Freeze Setting:** When the temperature dips below 41 degrees F (5 degrees C), the Anti-freeze

setting automatically switches on the heater to prevent freezing.

- **Electrical Safety:** Plug the heater directly into a wall outlet. Do not use with extension cords, power strips, surge protectors, or smart outlets. Ensure the outlet is dedicated to the heater.
- **Placement:** Always leave adequate space around the heater for proper air circulation. Do not cover the heater or place anything over or around it.
- **Internal Oil:** The diathermic oil reservoir is permanently sealed and never needs refilling. Do not attempt to open or add oil to the unit.

IMPORTANT SAFETY FEATURES



Figure 2: Visual representation of key safety features including low surface temperature, automatic shut-off, and reinforced wiring.

SETUP AND FIRST USE

Unpacking

- Carefully remove the heater from its packaging.
- Inspect the unit for any signs of damage. If damaged, do not use and contact customer support.
- Ensure all components, including the smart snap wheels, are present.

Placement

- Place the heater on a firm, level surface.
- Position the heater away from curtains, furniture, or other combustible materials. Maintain at least 3 feet (0.9 meters) of clearance from all sides.
- The integrated handle and exclusive smart snap wheels allow for easy movement from room to room as needed.

Power Connection & Tempering

- Plug the heater directly into a 120V AC electrical outlet.
- For first use, it is recommended to 'temper' the unit. Operate the heater on its highest setting in a well-ventilated area (e.g., outdoors or in a garage) for at least 6 hours. This process helps to burn off any manufacturing oils and eliminate initial odors.

QUALITY, MAINTENANCE-FREE DESIGN



Permanently sealed to prevent leaks with high-quality, rust-proof steel assembly



No need for (re)filling



Metal construction is built to last without upkeep

Figure 3: The heater's compact design and dimensions, highlighting its portability and maintenance-free nature.

OPERATING INSTRUCTIONS

Control Panel

The control panel is located on the front of the unit and includes a thermostat dial and two power switches.

PERSONALIZED COMFORT



Out-of-the-box easy movement from room to room with a comfort hold handle & exclusive smart snap wheels



Quiet, full-room heat with adjustable thermostat and multiple heat settings



Figure 4: Detailed view of the thermostat dial and power switches for personalized comfort settings.

Heat Settings

- **MIN (Low):** Engage only the 'MIN' power switch for the lowest heat output.
- **MED (Medium):** Engage only the 'MED' power switch for a medium heat output.
- **MAX (High):** Engage both 'MIN' and 'MED' power switches for the maximum 1500W heat output.

Thermostat Control

- Turn the thermostat dial clockwise to increase the desired room temperature, and counter-clockwise to decrease it.
- The heater will cycle on and off to maintain the set temperature.

ComforTemp Feature

- Press the ComforTemp button to activate this energy-saving mode.
- The ComforTemp feature automatically maintains the optimal room temperature and power levels, potentially saving up to 20% more energy compared to using the thermostat at max setting without ComforTemp.



Save money and energy by heating only the room you're in

ComforTemp mode optimizes energy consumption with automatic thermostat and power settings

Figure 5: The De'Longhi heater provides energy savings by allowing you to heat only the room you are in, with the ComforTemp mode optimizing energy consumption.

CARE AND MAINTENANCE

Proper care ensures the longevity and efficiency of your De'Longhi heater.

- **Cleaning:** Unplug the heater and allow it to cool completely before cleaning. Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Oil Reservoir:** The high-quality steel assembly and permanently-sealed diathermic oil reservoir never needs refilling, making it a low-maintenance appliance.
- **Storage:** When not in use, store the heater in a cool, dry place. The cord can be wrapped around the integrated cord storage for neatness.
- **Durability:** The specialized multilayered painting process provides a complete, corrosive resistant finish,

ensuring long-term durability.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Heater does not turn on.	No power to the unit; Thermostat set too low; Overheat protection activated.	Check power outlet and circuit breaker; Increase thermostat setting; Unplug unit, let cool for 30 minutes, then plug back in.
Heater not heating sufficiently.	Heat setting too low; Room size too large for heater capacity; Drafts in the room.	Increase heat setting (MIN/MED/MAX switches); Ensure heater is appropriate for room size (small to medium spaces); Seal windows/doors to reduce drafts.
Unusual odor on first use.	Burning off manufacturing oils/coatings.	This is normal for initial use. Operate the heater on its highest setting in a well-ventilated area for several hours until the odor dissipates.
Clicking or pinging noises.	Expansion and contraction of metal components due to heating/cooling.	This is normal operation and not a defect.

TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	De'Longhi
Model Number	EW7707CM
Color	White
Power	1500 Watts
Voltage	120 Volts
Number of Speeds	3 (Min, Med, Max)
Heating Coverage	Small to Medium Spaces
Product Dimensions	6.5"D x 15.5"W x 27"H
Item Weight	25 pounds
Fuel Type	Electric (Oil-Filled)

Feature	Specification
Mounting Type	Floor Mount
Minimum Temperature Setting	44 Degrees Fahrenheit (Anti-freeze)



Figure 6: Detailed dimensions of the De'Longhi EW7707CM heater.

WARRANTY AND SUPPORT

For detailed warranty information and further support, please refer to the official user manual or contact De'Longhi customer service.

- **Official User Manual (PDF):** [Download User Manual](#)
- **De'Longhi Store:** Visit the official [De'Longhi Store on Amazon](#) for more products and information.

