De'Longhi TRRS0715ECA

DeLonghi Radia S Oil-Filled Radiator Space Heater Instruction Manual

Model: TRRS0715ECA | Brand: De'Longhi

1. Introduction

The De'Longhi Radia S Oil-Filled Radiator Space Heater, model TRRS0715E, is designed to provide comfortable, quiet full room warmth. This efficient radiant heater delivers consistent and gentle heat, minimizing dry air and creating a more allergy-friendly environment as it operates without a fan to stir up dust, pollen, and dander. It features a 24-hour programmable timer, an adjustable thermostat, and patented smart snap wheels for easy mobility. This manual provides essential information for the safe and effective use of your heater.



Figure 1: DeLonghi Radia S Oil-Filled Radiator Space Heater.

2. Important Safety Information

Always read and follow all safety instructions before using this appliance to prevent injury or damage.

- **Child Lock:** The heater includes a child lock feature to prevent accidental operation.
- **Thermal Cut-off Function:** For your safety, the unit is equipped with a thermal cut-off function that automatically

turns off the machine in case of overheating.

- **Anti-freeze Setting:** An anti-freeze setting automatically switches on the heater to help prevent frozen pipes, especially in basements or vacation homes.
- **Hot Surface Warning:** The surfaces of the heater can become hot during operation. Avoid direct contact with the heating fins. Allow the unit to cool completely before handling or moving.
- **Placement:** Ensure the heater is placed on a stable, level surface and is not covered. Maintain adequate clearance from walls, furniture, and flammable materials.



Figure 2: Visual representation of key safety features including child lock and automatic shut-off.

3. Package Contents

Upon opening the package, ensure all components are present and undamaged:

- De'Longhi Radia S Oil-Filled Radiator Space Heater (TRRS0715ECA)
- Patented Smart-Snap Wheels (pre-assembled)
- Instruction Manual

4. Setup

4.1 Attaching the Smart-Snap Wheels

The patented smart-snap wheels are designed for easy, tool-free attachment. Simply snap them into place at the base of the heater. No additional assembly is required.



Figure 3: Close-up of the patented smart-snap wheels, designed for easy, tool-free attachment to the heater's base.

4.2 Initial Use and Odor

During the first few uses, a slight odor may be noticeable. This is normal for new heaters and will dissipate quickly. It is recommended to operate the heater in a well-ventilated area for a few hours during its initial operation to allow any manufacturing odors to clear.

5. Operating Instructions

5.1 Digital Control Panel Overview

The heater features a digital control panel with an LED display for easy selection of all available functions. The display shows the current temperature and heat settings.



Figure 4: Close-up of the digital control panel, showing the LED display and various function buttons.

5.2 Power On/Off

Press the power button ( ) on the control panel to turn the heater on or off.

5.3 Adjusting Temperature

Use the plus (+) and minus (-) buttons to set your desired room temperature. The LED display will show the selected temperature.

5.4 Heat Settings

The heater offers three heat settings to customize your heating needs. Cycle through the settings using the dedicated heat setting button on the control panel.

5.5 ECO Energy Saving Mode

Activate the ECO function to save energy. This mode automatically adjusts heat and power settings to maintain comfortable and economical warmth.

5.6 24-Hour Programmable Timer

Utilize the 24-hour programmable timer to schedule when the heater turns on or off, providing convenience and energy efficiency.

Video 1: An overview of De'Longhi Heating Appliances, showcasing various models and their features. This video provides a general understanding of the product line and its benefits.

6. Key Features

- **Digital Control Panel:** Features an LED display for easy selection of functions and a 24-hour timer.
- **Better Heating:** Delivers gentle heat, minimizing dry air and creating a better breathing environment that is more allergy-friendly with no fan to stir up dust, pollen, and dander.
- **Powerful Heating:** 1500 watts of long-lasting, quiet heat suitable for small to medium spaces.
- **Built-in Safety Elements:** Includes important safety features such as child lock and a thermal cut-off function that turns off the machine in case of overheating.
- **Additional Protection:** Anti-freeze setting automatically switches on the heater and can help prevent frozen pipes.
- **Silent Operation:** Provides quiet heat, ideal for bedrooms or other quiet areas.
- **High Quality Construction:** Patented steel assembly with a permanently sealed oil reservoir that never needs refilling.
- **Adjustable Thermostat:** Allows you to customize your heating needs with three heat settings.
- **ECO Function:** Saves energy by automatically adjusting heat and power settings for the most comfortable and economical warmth.
- **Patented Thermal Slots:** Maximize heat flow while maintaining a low surface temperature.
- **Patented Smart-Snap Wheels:** Snap into place perfectly with no assembly required.



Figure 5: The heater features a permanently sealed, rust-proof steel assembly, eliminating the need for refilling and ensuring durability.



Figure 6: Illustrates the heater's efficiency, delivering continuous heat and offering up to 35% more radiant surface area for improved heat transfer.



Figure 7: Highlights additional features such as 360-degree corrosive resistant coating, anti-freeze setting, and smart-snap wheels.



Figure 8: Explains that the heater is designed for consistent temperature, operates without a fan to avoid stirring dust, and dries the air less than other heater types.



Figure 9: Details how the heater saves energy by heating only the room in use and optimizing consumption with its ECO mode.

7. Maintenance

7.1 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 immerse the unit in water.

7.2 Storage

When not in use, store the heater in a cool, dry place. The integrated cord wrap at the base of the unit allows for neat and convenient storage of the power cord.



Figure 10: The integrated cord wrap at the base of the heater for tidy storage.

8. Troubleshooting

8.1 Common Issues

- **Heater Not Turning On:** Ensure the power cord is securely plugged into a working electrical outlet. Check if the thermal cut-off has activated due to overheating; allow the unit to cool down.
- **Crackling Noise:** A crackling noise, especially during initial heating or after moving the unit, is normal. This is due to the oil heating and expanding within the sealed fins. It typically subsides as the unit reaches operating temperature.
- **Insufficient Heat:** Verify that the desired temperature setting is higher than the current room temperature. Ensure the heat setting is appropriate for the room size. Check for drafts or open windows that might be affecting heating efficiency.

9. Specifications

Feature	Detail
Brand	De'Longhi
Model Number	TRRS0715ECA
Special Feature	Eco Digital Full Room Radiant Heater
Color	Light Gray
Form Factor	Tower
Indoor/Outdoor Usage	Indoor
Product Dimensions	6.3"D x 14.5"W x 25.2"H
Recommended Uses	Home
Mounting Type	Floor Mount
Room Type	Bedroom, Home Office, Study Room
Heating Coverage	250 sq. ft.
Burner Type	Radiant
Fuel Type	Electric
Number of Speeds	1
Voltage	120V
Amperage	12.5 Amps
Max Temperature Setting	5 Degrees Fahrenheit (Note: This value seems unusually low and may refer to an anti-freeze setting or minimum operating temperature. Refer to product for exact max operating temp.)
Item Weight	22.3 pounds

Assembly Required	No
Included Components	Radiant Heater

10. Warranty & Support

This De'Longhi Radia S Oil-Filled Radiator Space Heater comes with a**3-Year Warranty**.

For detailed warranty information, troubleshooting beyond this manual, or to contact customer support, please refer to the official user manual PDF or visit the De'Longhi website.

You can access the full User Manual (PDF)here.

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