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Grunkel RD-2500S

GRUNKEL RD-2500S 2500W Oil Radiator User Manual

Model: RD-2500S

1. Introduction

Thank you for choosing the GRUNKEL RD-2500S Oil Radiator. This manual provides essential information for the safe and efficient use of your new appliance. Please read these instructions carefully before operation and retain them for future reference.

The GRUNKEL RD-2500S is a powerful and portable oil-filled radiator designed to provide comfortable and consistent heat for various indoor spaces. It features 11 heating elements, 3 power levels, an adjustable thermostat, and a 24-hour timer for personalized heating control.

2. Safety Instructions

To prevent injury or damage, always observe basic safety precautions when using electrical appliances. This includes, but is not limited to, the following:

- Read all instructions before using this radiator.
- Ensure the voltage indicated on the rating label corresponds to your mains voltage.
- Do not operate the radiator with a damaged cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner.
- Keep the power cord away from heated surfaces.
- Do not use the radiator in bathrooms, laundry areas, or similar indoor locations where it may come into contact with water.
- Do not cover the radiator. Covering the radiator can lead to overheating and fire.
- Maintain a minimum distance of 50 cm (20 inches) from walls, furniture, curtains, and other combustible materials.
- Always unplug the radiator when not in use.
- This radiator is equipped with an **overheat protection system** that automatically shuts off the unit if it becomes too hot.
- An **anti-tip safety switch** will automatically turn off the radiator if it is accidentally knocked over.
- Supervise children and individuals with reduced physical, sensory, or mental capabilities when the appliance is in use.



Image: The GRUNKEL RD-2500S Oil Radiator highlighting its advanced safety features, including automatic shut-off upon overheating and an anti-tip mechanism that deactivates the unit if it falls over. An LED indicator shows operational status.

3. Package Contents

Please check the box for the following items:

- GRUNKEL RD-2500S Oil Radiator Unit
- Wheel Assemblies (4 wheels with mounting brackets)
- Instruction Manual

4. Setup Instructions

4.1 Attaching the Wheels

1. Carefully turn the radiator upside down on a soft, non-abrasive surface to avoid scratching the finish.
2. Locate the U-shaped bolts and wing nuts provided.

3. Attach each wheel assembly to the radiator base by inserting the U-shaped bolt through the holes in the wheel bracket and around the radiator's bottom fin. Secure with the wing nuts.
4. Ensure all wheels are securely fastened before carefully turning the radiator upright.

4.2 Placement

Place the radiator on a firm, level surface. Ensure it is positioned away from walls, furniture, and curtains, maintaining the minimum safety distances mentioned in Section 2. The multidirectional wheels allow for easy movement to your desired location.



Image: The GRUNKEL RD-2500S Oil Radiator positioned in a room, illustrating its compact dimensions: 23 cm depth, 46 cm width, and 60 cm height, making it suitable for various spaces.

4.3 Power Connection

Unwind the power cord from its storage compartment. Plug the radiator directly into a suitable wall outlet. Do not use extension cords or power strips.



Image: Close-up of the GRUNKEL RD-2500S Oil Radiator highlighting its practical design features: an integrated handle for easy lifting, a dedicated compartment for cable storage, and smooth multidirectional wheels for effortless transport.

5. Operating Instructions

5.1 Power On/Off

Plug the radiator into a power outlet. The red LED indicator light will illuminate when the unit is receiving power and operating.



Image: The control panel of the GRUNKEL RD-2500S Oil Radiator, detailing its 2500W power, 11 elements, 3 power levels, and 24-hour timer for efficient and silent heating.

5.2 Adjusting Power Levels

The radiator offers 3 power levels to suit your heating needs. Use the power selector knob to choose between:

- **Level 1:** Low heat output
- **Level 2:** Medium heat output
- **Level 3:** High heat output (2500W)

5.3 Setting the Thermostat

The adjustable thermostat allows you to set your desired room temperature. Turn the thermostat knob clockwise to increase the temperature setting and counter-clockwise to decrease it. The radiator will cycle on and off to maintain the set temperature.



Image: The GRUNKEL RD-2500S Oil Radiator's manual thermostat and intensity controls, demonstrating how to select from 3 heat levels to achieve desired comfort and manage energy consumption.

5.4 Using the 24-Hour Timer

The integrated 24-hour mechanical timer allows you to program the radiator to turn on and off automatically. To set the

timer:

1. Ensure the main power switch is in the 'ON' position.
2. Rotate the outer ring of the timer clockwise to set the current time (indicated by the arrow). Each segment represents 15 minutes.
3. Push the small black pins inwards for the periods you want the radiator to be ON. Pull them outwards for the periods you want it to be OFF.
4. Set the timer switch to the 'Timer' position (usually indicated by a clock icon). For continuous operation, set the switch to the 'I' position.



Image: The GRUNKEL RD-2500S Oil Radiator's 24-hour mechanical timer, illustrating how to program automatic on/off cycles for energy saving and daily comfort scheduling.

6. Maintenance

6.1 Cleaning

Always unplug the radiator and allow it to cool completely before cleaning.

- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure no water enters the internal components.
- Do not immerse the radiator in water or any other liquid.

6.2 Storage

When not in use for extended periods, store the radiator in a cool, dry place. You can use the integrated cable storage compartment to neatly wrap the power cord.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Radiator does not turn on.	No power supply. Thermostat set too low. Timer not set correctly.	Check if the plug is securely in the outlet. Increase the thermostat setting. Ensure the timer is in the 'ON' position or programmed correctly.
Radiator turns off unexpectedly.	Overheat protection activated. Anti-tip switch activated.	Unplug the unit, allow it to cool down, and ensure it is not covered or obstructed. Check for proper ventilation. Ensure the radiator is on a stable, level surface and has not been knocked over.
Insufficient heating.	Power level too low. Thermostat set too low. Room size too large for unit.	Increase the power level. Increase the thermostat setting. Ensure the radiator is appropriate for the room size.

8. Specifications

- **Model:** GRUNKEL RD-2500S
- **Power:** 2500W
- **Elements:** 11
- **Power Levels:** 3
- **Timer:** 24-hour mechanical
- **Thermostat:** Adjustable
- **Safety Features:** Overheat protection, Anti-tip system, LED indicator
- **Portability:** Multidirectional wheels, Integrated handle, Cable storage
- **Dimensions (L x W x H):** Approximately 25 x 50 x 65 cm
- **Weight:** Approximately 9 kg
- **Color:** White

9. Warranty and Support

This GRUNKEL product is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Grunkel website. For technical support, spare parts, or service inquiries, please contact Grunkel customer service through their official channels.

Please have your model number (RD-2500S) and purchase date available when contacting support.

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