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Grunkel RD-2000S

GRUNKEL RD-2000S Oil Radiator User Manual

Model: RD-2000S | Brand: Grunkel

1. Introduction and Safety Information

Thank you for choosing the GRUNKEL RD-2000S Oil Radiator. This manual provides important information for the safe and efficient operation of your appliance. Please read it thoroughly before use and keep it for future reference.

Important Safety Instructions:

- Always place the radiator on a firm, level surface.
- Do not cover the radiator. Covering can lead to overheating.
- Keep flammable materials (curtains, furniture, etc.) at least 1 meter (3 feet) away from the radiator.
- Do not use in bathrooms, laundry areas, or similar wet locations.
- Ensure the voltage indicated on the rating label corresponds to your mains voltage.
- Unplug the radiator when not in use.
- Do not operate with a damaged cord or plug.
- This appliance is equipped with an automatic overheating protection system and an anti-tip safety switch.

2. Product Overview

The GRUNKEL RD-2000S is a portable oil radiator designed for efficient and silent heating of indoor spaces. It features 9 heating elements and a power output of 2000W.

Key Features:

- **Adjustable Power:** 2000W with 3 intensity levels.
- **Temperature Control:** Adjustable thermostat to maintain desired room temperature.
- **24-Hour Timer:** Mechanical timer for programming daily operation.
- **Portability:** Multi-directional wheels and an integrated handle for easy movement.
- **Cable Storage:** Convenient compartment for winding the power cable.
- **Safety:** Overheating protection, anti-tip system, and LED operation indicator.
- **Silent Operation:** Provides uniform and constant heat without disruptive noise.



Image 2.1: GRUNKEL RD-2000S Oil Radiator showing approximate dimensions (24cm width, 40cm depth, 60cm height).



Image 2.2: Close-up of the radiator's control panel, highlighting the 9 elements, 2000W power, 3 power levels, and 24-hour timer. The image also indicates positioning the button to 'I' for operation.

3. Setup

Unpacking and Assembly:

1. Carefully remove the radiator from its packaging.
2. Attach the multi-directional wheels to the base of the radiator. Ensure they are securely fastened.
3. Place the radiator upright on a stable, level surface, away from walls, furniture, and curtains. Ensure there is at least 1 meter (3 feet) of clear space around the appliance.
4. Unwind the power cord from the storage compartment and plug it into a suitable electrical outlet.



Image 3.1: Illustration of the radiator's practical design, showing the integrated handle, cable winding compartment, and multi-directional wheels for easy transport and storage.

4. Operating Instructions

Powering On/Off:

- To turn on the radiator, rotate the power selector knob to the desired power level (1, 2, or 3). The LED indicator will illuminate.
- To turn off the radiator, rotate the power selector knob to the '0' position. The LED indicator will turn off.

Adjusting Power Levels:

The radiator offers 3 power levels to suit your heating needs:

- **Level 1:** Low heat output for gentle warming or maintaining temperature.
- **Level 2:** Medium heat output for moderate warming.
- **Level 3:** High heat output (2000W) for rapid heating of larger spaces.

Setting the Thermostat:

The adjustable thermostat allows you to set and maintain a desired room temperature.

1. Turn the thermostat knob clockwise to increase the desired temperature or counter-clockwise to decrease it.
2. The radiator will cycle on and off to maintain the set temperature.

Using the 24-Hour Timer:

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

1. The timer dial is divided into 24 segments, each representing one hour.
2. Push the pins inwards for the periods you want the radiator to be ON. Pull the pins outwards for the periods you want it to be OFF.
3. Ensure the current time is aligned with the arrow on the timer dial.
4. For the timer to function, the power selector knob must be set to a power level (1, 2, or 3), not '0'.



Image 4.1: Controls for adjusting temperature and intensity, showing the manual thermostat and three heat levels.



Image 4.2: Detailed view of the 24-hour mechanical timer, illustrating automatic on/off functionality for daily comfort and energy saving.

5. Maintenance

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.
- Do not immerse the radiator in water or any other liquid.

Storage:

- When not in use, store the radiator in a cool, dry place.
- Wrap the power cord neatly around the cable storage compartment to prevent damage.

6. Troubleshooting

Common Issues and Solutions:

- **Radiator does not turn on:**
  - Check if the power cord is securely plugged into a working outlet.
  - Ensure the power selector knob is set to a power level (1, 2, or 3), not '0'.
  - Verify that the thermostat is set to a temperature higher than the current room temperature.
  - Check if the timer is set correctly for operation.
- **Radiator turns off unexpectedly:**
  - The overheating protection may have activated. Unplug the radiator, allow it to cool for 30 minutes, and ensure it is not covered or obstructed.
  - The anti-tip safety switch may have activated if the radiator was knocked over. Place it upright on a stable surface.
  - The thermostat may have reached the set temperature. This is normal operation.
- **Insufficient heat output:**
  - Ensure the power selector is set to a higher level (e.g., Level 3).
  - Adjust the thermostat to a higher setting.
  - Ensure the room is adequately insulated and doors/windows are closed.

If you experience any issues not covered here, please contact customer support.



Image 6.1: Illustration of advanced safety features, including automatic shutdown for overheating and automatic shutdown upon tipping, along with the LED operation indicator.

7. Specifications

Model Number	RD-2000S
Brand	Grunkel
Power Output	2000W
Number of Elements	9
Power Levels	3
Timer	24-hour mechanical timer
Thermostat	Adjustable

Dimensions (L x W x H)	25 x 50 x 65 cm
Weight	7 kg
Form Factor	Tower
Color	White
Special Feature	Portable
Usage	Indoor
Included Components	Instruction Manual, Oil Radiator, Multi-directional Wheels

8. Warranty and Support

Warranty Information:

Your GRUNKEL RD-2000S Oil Radiator is covered by a manufacturer's warranty. Please refer to the separate warranty card included with your purchase for specific terms and conditions, including warranty duration and coverage details.

Customer Support:

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Grunkel customer support. Contact details can typically be found on the product packaging, the Grunkel official website, or the warranty card.

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