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GRUNKEL RAC-8 PIROS DIGITAL

Grunkel RAC-8 PIROS DIGITAL Oil Radiator User Manual

Model: RAC-8 PIROS DIGITAL

1. Introduction

Thank you for choosing the Grunkel RAC-8 PIROS DIGITAL Oil Radiator. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new appliance. Please read this manual thoroughly before use and retain it for future reference.





Image 1.1: Grunkel RAC-8 PIROS DIGITAL Oil Radiator. This image shows the white oil radiator from an angled perspective, highlighting its digital control panel and fin design.

2. Safety Instructions

To prevent accidents and ensure proper operation, always follow these basic safety precautions:

- Read all instructions before using the appliance.
- Do not cover the radiator. Covering can lead to overheating.
- Keep flammable materials (curtains, furniture, etc.) at a safe distance from the radiator.
- Do not operate the radiator near water or in damp environments.
- Ensure the power cord is not damaged and is placed safely to avoid tripping hazards.
- Always unplug the radiator when not in use or before cleaning.
- This appliance is for indoor use only.

- Do not insert objects into the radiator openings.
- Keep out of reach of children and pets.

3. Product Features

The Grunkel RAC-8 PIROS DIGITAL Oil Radiator is designed for efficient and convenient heating with several key features:

- **Digital LED Display:** Provides clear temperature and setting information.
- **Remote Control:** Allows convenient adjustment of settings from a distance.
- **Intelligent Thermostat:** Maintains desired room temperature automatically.
- **ECO Mode:** Optimizes energy consumption for efficient heating.
- **Overheat Protection:** Automatically shuts off the unit if it overheats, enhancing safety.
- **8 Heating Elements:** Provides a wide heat-emitting surface for effective warmth distribution.
- **Integrated Wheels:** For easy portability and movement between rooms.
- **3 Power Levels:** Adjustable power settings (800W, 1200W, 2000W) for varied heating needs.
- **Chimney Effect:** Designed to circulate cold air from the bottom, heat it, and release warm air from the top for faster heating.



Image 3.1: Key features of the Grunkel Oil Radiator. This image illustrates the overheat protection shield icon, the retractable wheels for easy movement, and the remote control for convenient operation.

4. Setup

Follow these steps to set up your Grunkel RAC-8 PIROS DIGITAL Oil Radiator:

1. **Unpack:** Carefully remove the radiator from its packaging. Retain packaging for storage or return if necessary.
2. **Inspect:** Check the radiator for any signs of damage. Do not use if damaged.
3. **Attach Wheels (if not pre-assembled):** If the wheels are not already attached, follow the instructions provided in the separate assembly guide (if applicable) to securely fasten them to the base of the radiator. Ensure all wheels are firmly in place for stability.
4. **Placement:** Place the radiator on a firm, level surface. Ensure there is adequate clearance around the unit (at least 50 cm from walls, furniture, and curtains) to allow for proper heat circulation and prevent fire hazards. Do not place it directly under a power outlet.
5. **Power Connection:** Plug the power cord into a suitable grounded electrical outlet. Ensure the voltage matches the

specifications of the radiator.



Image 4.1: Grunkel Oil Radiator dimensions. This image shows the radiator in a living room setting with its height (45 cm), width (17 cm), and length (69 cm) clearly marked.

5. Operating Instructions

Your Grunkel RAC-8 PIROS DIGITAL Oil Radiator can be operated via its digital control panel or the included remote control.

5.1. Control Panel Overview



Image 5.1: Grunkel Oil Radiator control panel and remote control. This image highlights the digital display showing '17°C' and the various buttons for temperature, power levels, and timer, along with the remote control.

5.2. Powering On/Off

- Press the **Power** button on the control panel or remote control to turn the radiator on or off.

5.3. Setting Temperature

- Use the **Temperature Up (+)** and **Temperature Down (-)** buttons on the control panel or remote to adjust the desired room temperature. The digital display will show the set temperature.

5.4. Selecting Power Levels

The radiator offers three power levels to manage heating intensity and energy consumption:

- **HIGH:** 2000 W (Maximum heating)
- **MEDIUM:** 1200 W (Moderate heating)

- **ECO:** 800 W (Energy-saving heating)

Press the **Mode** or **Power Level** button on the control panel or remote to cycle through the available power settings.



Image 5.2: Power levels for the Grunkel Oil Radiator. This image displays the three power settings: ALTO (High) 2000W, MEDIO (Medium) 1200W, and ECO 800W, indicating options for energy saving and efficiency.

5.5. Timer Function

The timer function allows you to program the radiator to turn on or off automatically after a set period.

- Press the **Timer** button on the control panel or remote control.
- Use the **Up (+)** and **Down (-)** buttons to set the desired duration (e.g., 1-24 hours).
- The radiator will automatically turn off or on once the set time has elapsed.

6. ECO Mode

The ECO mode is designed to optimize energy consumption while maintaining a comfortable temperature. When activated, the radiator will automatically adjust its power output to efficiently reach and hold the set temperature, reducing electricity usage.

- To activate ECO mode, select the ECO power level using the**Mode** or **Power Level** button.
- The radiator will operate at 800W, adjusting as needed to maintain the set temperature.

7. Maintenance

Regular maintenance ensures the longevity and efficient operation of your radiator.

7.1. 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.

7.2. Storage

- If storing the radiator for an extended period, clean it thoroughly.
- Wrap the power cord neatly.
- Store the radiator in a cool, dry place, preferably in its original packaging, away from direct sunlight and moisture.

8. Troubleshooting

If you encounter issues with your radiator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radiator does not turn on.	No power supply; Power button not pressed; Overheat protection activated.	Check power cord and outlet; Press the Power button; Unplug, let cool, then plug back in.
Radiator is on but not heating.	Temperature setting too low; ECO mode active; Room temperature already reached.	Increase the set temperature; Adjust power level; The radiator will resume heating when room temperature drops.
Radiator makes unusual noises.	Normal expansion/contraction of metal; Loose part.	Minor clicking is normal. If loud or persistent, discontinue use and contact support.
Remote control not working.	Dead batteries; Obstruction between remote and radiator.	Replace batteries; Ensure clear line of sight to the radiator's sensor.

If the problem persists after trying these solutions, please contact Grunkel customer support.

9. Specifications

Feature	Detail
Brand	Grunkel
Model Number	RAC-8 PIROS DIGITAL
Color	White
Product Dimensions	45D x 17W x 69H cm
Weight	13.31 kg
Power/Wattage	2000 W (Max)
Material	Aluminium
Special Features	Programmable Thermostat, ECO Mode, Digital LED Display, Remote Control, Overheat Protection, Integrated Wheels
Heating Method	Radiant Heat (Oil-filled)
Usage	Indoor
Energy Source	Corded Electric

10. Warranty and Support

Your Grunkel RAC-8 PIROS DIGITAL Oil Radiator comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty duration and coverage details.

For technical support, service, or warranty claims, please contact Grunkel customer service through the contact information provided on your warranty card or the official Grunkel website. When contacting support, please have your model number (RAC-8 PIROS DIGITAL) and proof of purchase readily available.

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