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TRESKO 1537

TRESKO 4200W Infrared Gas Heater User Manual

Model: 1537

1. Introduction

Thank you for choosing the TRESKO 4200W Infrared Gas Heater. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new gas heater. Please read this manual thoroughly before use and keep it for future reference.
This compact and mobile infrared gas heater is designed for versatile use in well-ventilated indoor and outdoor spaces such as balconies, terraces, homes, camping areas, workshops, or cellars. It features three heating levels for optimal comfort and is equipped with multiple safety mechanisms.

Image 1.1: The TRESKO Gas Heater is suitable for various applications, including indoor and outdoor use in well-ventilated areas.

2. Safety Information

Your safety is paramount. This appliance must be installed and used in accordance with the manufacturer's instructions and local regulations. Failure to follow these instructions may result in fire, explosion, property damage, personal injury, or death.

General Safety Warnings:

- **Ventilation:** Always ensure adequate ventilation when operating the heater, especially indoors. Gas heaters consume oxygen.
- **Gas Leaks:** If you smell gas, immediately shut off the gas supply at the cylinder, open windows and doors, and do not operate any electrical switches or appliances. Contact a qualified technician.
- **Flammable Materials:** Keep the heater away from flammable materials such as curtains, furniture, paper, and clothing. Maintain a safe distance of at least 1 meter (3 feet) from any combustible surfaces.
- **Children and Pets:** Keep children and pets away from the heater during operation. The surface of the heater can become very hot.
- **Moving the Heater:** Do not move the heater while it is operating or still hot. Allow it to cool down completely before relocating.
- **Gas Cylinder:** Use only approved gas cylinders (butane or propane up to 15 kg) and ensure they are securely placed within the heater's compartment.
- **Regulator and Hose:** Always use the provided standard hose and pressure regulator (50 mbar). Regularly inspect the

hose for cracks or damage.

- **European Adapter:** Note that a European gas adapter (not included) may be required to connect the hose to certain gas bottles.

Integrated Safety Features:

- **Oxygen Depletion Sensor (ODS):** Automatically shuts off the heater if oxygen levels in the room fall below a safe threshold.
- **Flame Failure Device (FFD) / Thermocouple:** Automatically cuts off the gas supply if the flame extinguishes unexpectedly.
- **Anti-Tilt Safety:** Shuts off the heater if it is accidentally knocked over.
- **Protective Grille:** Minimizes direct contact with the hot ceramic plates.
- **Stable Steel Casing:** Provides robust protection for internal components and the gas bottle.



Image 2.1: Key safety features include lateral tilt protection and an integrated atmosphere monitor.

3. Package Contents

Please check the package contents upon receipt to ensure all parts are present and undamaged:

- TRESKO Infrared Gas Heater Unit
- Standard Gas Hose
- 50 mbar Pressure Regulator
- Protective Cover (for storage)
- User Manual

4. Setup and Gas Connection

Follow these steps to set up your gas heater:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Positioning:** Place the heater on a stable, level surface in a well-ventilated area, away from flammable materials.
3. **Gas Bottle Installation:** Open the rear compartment of the heater. Place a gas cylinder (up to 15 kg, butane or propane) inside.
4. **Connect Regulator:** Attach the pressure regulator to the gas cylinder valve. Ensure a tight and secure connection.
5. **Connect Hose:** Connect the gas hose from the regulator to the heater's gas inlet. Tighten all connections firmly.
6. **Leak Test:** Before first use, perform a leak test. Apply a soapy water solution to all gas connections. Open the gas cylinder valve. If bubbles appear, there is a leak. Immediately close the gas valve and re-tighten connections. Repeat until no bubbles are observed. Never use an open flame to check for leaks.



Image 4.1: Illustration of gas hose and regulator connection to the gas cylinder.

5. Operating Instructions

To operate your TRESKO Gas Heater:

1. **Open Gas Supply:** Slowly open the valve on the gas cylinder.
2. **Ignition:** Turn the control knob to the desired heating level (1, 2, or 3) and press the piezo ignition button repeatedly until the burner ignites. You should hear a click and see the ceramic plates glow.
3. **Adjust Heat:** Once ignited, hold the control knob for a few seconds to engage the thermocouple. Release the knob. If the flame goes out, repeat the ignition process. Adjust the control knob to select one of the three heating levels:
   - **Level 1:** 1500 W (approx. 100 g/h gas consumption)
   - **Level 2:** 2800 W (approx. 200 g/h gas consumption)
   - **Level 3:** 4200 W (approx. 300 g/h gas consumption)
4. **Shut Down:** To turn off the heater, first close the valve on the gas cylinder. Allow the remaining gas in the hose to burn

off, then turn the control knob on the heater to the 'OFF' position.

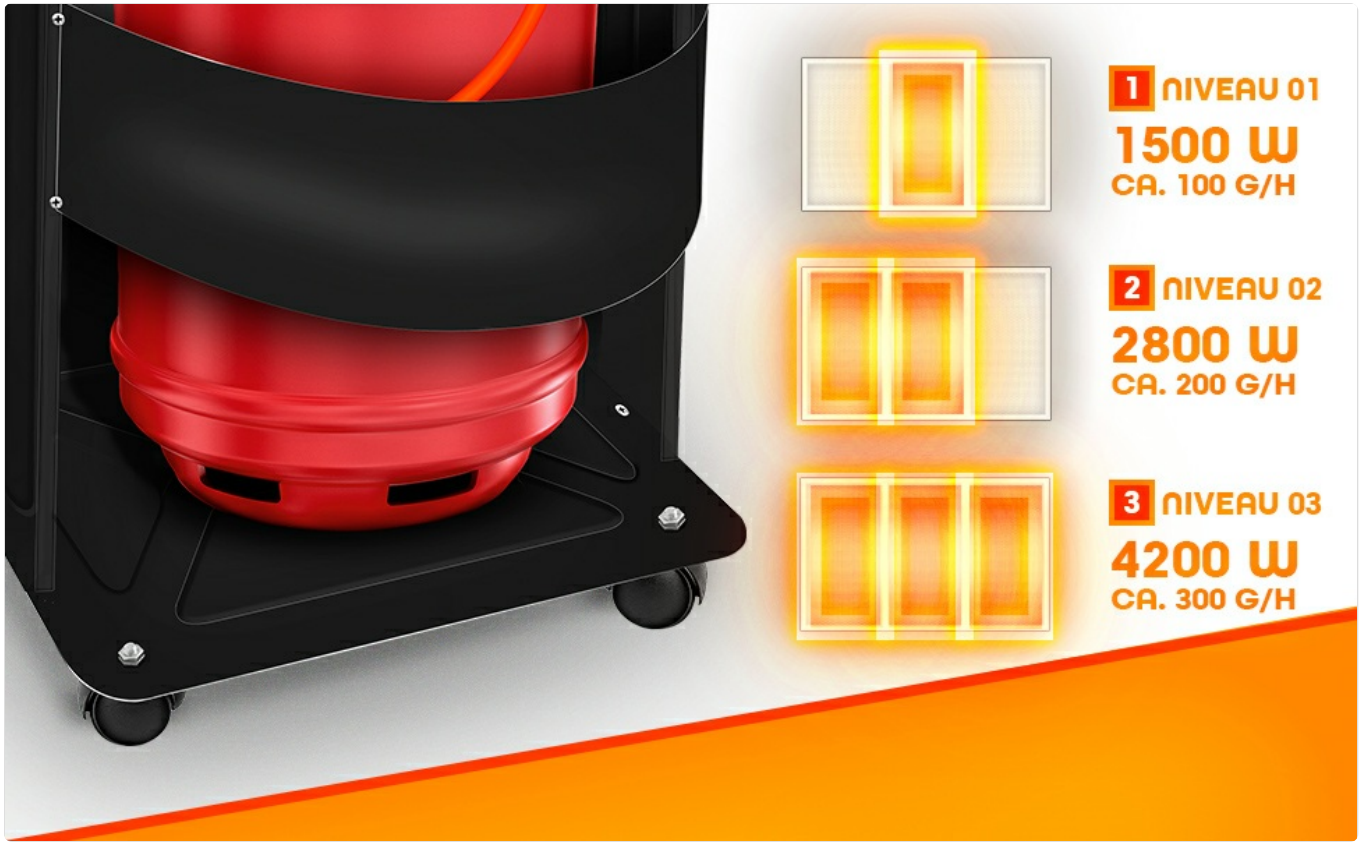

Image 5.1: Control knob and piezo ignition for adjusting heating levels.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your heater.

- **Cleaning:** Ensure the heater is completely cool and the gas supply is off before cleaning. Wipe the exterior with a damp cloth. Do not use abrasive cleaners or solvents. Keep the ceramic plates and air inlets free from dust and debris.
- **Gas Hose Inspection:** Periodically inspect the gas hose for any signs of wear, cracks, or damage. Replace the hose immediately if any damage is found.
- **Storage:** When not in use, especially during off-season, disconnect the gas cylinder and store the heater in a dry, protected area. The foldable design allows for space-saving storage. Use the provided protective cover to shield it from moisture and dust.



Image 6.1: The heater features a foldable design for convenient, space-saving storage.

7. Troubleshooting

If you encounter issues with your heater, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Heater does not ignite.	Gas cylinder valve closed. No gas in cylinder. Faulty piezo igniter. Gas hose or regulator blocked.	Open gas cylinder valve. Replace gas cylinder. Contact customer support. Check for blockages, replace if necessary.
Heater ignites but flame goes out.	Thermocouple not engaged. Insufficient ventilation (ODS activated). Heater tilted (tilt safety activated).	Hold control knob longer after ignition. Ensure adequate ventilation. Place heater on a stable, level surface.
Smell of gas.	Gas leak at connections. Damaged gas hose.	Immediately shut off gas, perform leak test, tighten connections. Immediately shut off gas, replace hose.
Reduced heating performance.	Low gas level. Blocked air inlets/outlets.	Replace gas cylinder. Clean air inlets and outlets.

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

8. Specifications

Feature	Detail
Brand	TRESKO
Model Number	1537
Heating Power	3 Levels: 1500W, 2800W, 4200W
Gas Type Compatibility	LPG, Butane, or Propane
Gas Bottle Capacity	Up to 15 kg
Gas Consumption	100 g/h (min), 200 g/h (medium), 305 g/h (max)
Pressure Regulator	50 mbar (included)
Dimensions (L x W x H)	35 x 42 x 74 cm
Weight	9.3 kg
Heating Area Coverage	Up to 82 m²
Energy Efficiency Class	A
Safety Features	Oxygen Depletion Sensor (ODS), Flame Failure Device (FFD), Anti-Tilt Protection
Mobility	4 x 360° Swivel Castors, Integrated Handles
Special Features	Foldable Design, Piezo Ignition

9. Warranty

This TRESKO Gas Heater comes with a standard manufacturer's warranty. Please refer to your purchase documentation or contact the retailer for specific warranty terms and conditions. The warranty typically covers defects in materials and workmanship under normal use.

10. Support

For technical assistance, spare parts, or any questions regarding your TRESKO Gas Heater, please contact the retailer or the manufacturer's customer service. Have your model number (1537) and purchase date ready when contacting support.
Manufacturer: DWD-Company GmbH & Co. KG

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