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TRESKO 1537

TRESKO 4200W Infrared Gas Heater (Model 1537) - User Manual

Comprehensive instructions for safe and efficient use.

1. Safety Instructions

Read all safety warnings and instructions carefully before installing or using this appliance. Failure to follow these instructions may result in fire, explosion, electric shock, or other hazards, which could cause property damage, personal injury, or death. Keep this manual for future reference.

General Safety Precautions:

- This appliance is designed for use with butane or propane gas cylinders up to 15 kg. Ensure the gas bottle is compatible with the provided regulator and hose.
- Use only in **well-ventilated areas**. Do not use in unventilated spaces, bedrooms, bathrooms, or basements.
- Maintain a safe distance from flammable materials (e.g., curtains, furniture, paper). A minimum distance of 1 meter (3 feet) is recommended.
- Never leave the heater unattended while in operation.
- Do not move the heater while it is operating or still hot.
- Keep children and pets away from the heater.
- Ensure the gas hose is not kinked, twisted, or in contact with hot surfaces. Regularly check the hose for damage.
- In case of a gas leak, immediately turn off the gas supply at the cylinder, ventilate the area, and do not operate any electrical switches or open flames.
- The heater is equipped with safety features such as an **Oxygen Depletion Sensor (ODS)**, **Flame Failure Device (FFD)**, and **tilt protection**. Do not attempt to bypass or modify these safety devices.
- Always ensure the heater is placed on a stable, level surface to prevent accidental tipping.
- Do not use the heater for drying clothes or other items.

Indoor/Outdoor Use:

This heater is suitable for both indoor and outdoor use in well-ventilated environments. Examples include balconies, terraces, workshops, cellars, and well-ventilated living spaces. Always ensure adequate air circulation

to prevent oxygen depletion.



Figure 1: Versatile application areas for the TRESKO Gas Heater.

2. Product Overview

The TRESKO 4200W Infrared Gas Heater (Model 1537) is a compact and mobile heating solution designed for efficient warmth in various settings. It features three adjustable heating levels and multiple safety mechanisms.

Key Features:

- **Power Output:** Up to 4200W with three heating levels (1500W, 2800W, 4200W).
- **Energy Efficiency:** Class A rating for economical operation.
- **Mobility:** Equipped with two handles and four 360° swivel castors for easy movement.
- **Safety:** Integrated Oxygen Depletion Sensor (ODS), Flame Failure Device (FFD), and tilt protection.
- **Construction:** Robust steel casing with a protective plate for the gas bottle.
- **Compatibility:** Suitable for commercial butane and propane gas cylinders up to 15 kg.

- **Coverage:** Heats areas up to 82 m².



Figure 2: TRESKO Gas Heater in operation, demonstrating its heating capacity and energy rating.



Figure 3: Details of the heater's mobility and safety features.

3. Setup Instructions

Follow these steps to safely set up your TRESKO Gas Heater.

Unpacking and Initial Inspection:

1. Carefully remove all packaging materials.
2. Inspect the heater for any signs of damage. If damaged, do not use and contact customer support.
3. Ensure all components are present: heater unit, gas regulator, and gas hose.

Connecting the Gas Bottle:

The heater is compatible with standard butane or propane gas cylinders up to 15 kg. A gas regulator and hose are included.

1. Place the gas bottle inside the designated compartment at the rear of the heater. Ensure it sits securely.
2. Connect the gas hose to the heater's gas inlet. Tighten securely by hand, then use a wrench for a final snug fit, but do not overtighten.
3. Connect the other end of the gas hose to the gas regulator. Ensure a tight, leak-free connection.
4. Attach the gas regulator to the gas bottle valve. Follow the regulator manufacturer's instructions for proper attachment.
5. Once connected, open the gas bottle valve slowly.
6. Check all connections for leaks using a soapy water solution. Apply the solution to the connections; if bubbles appear, there is a leak. Immediately close the gas valve and re-tighten connections. Repeat the leak test.



Figure 4: Gas bottle connection and compatible sizes.

4. Operating Instructions

This section details how to safely operate your TRESKO Gas Heater.

Starting the Heater:

1. Ensure the gas bottle valve is fully open.
2. Press and hold the control knob (usually red or clearly marked for ignition) while simultaneously turning it to the desired heating level (1, 2, or 3).
3. Keep the knob pressed for approximately 10-20 seconds after ignition to allow the thermocouple to heat up and engage the flame failure device.
4. Release the knob. If the flame extinguishes, repeat the ignition process.

Adjusting Heating Levels:

The heater offers three heating levels:

- **Level 1 (1500W):** Low heat, approx. 100 g/h gas consumption.
- **Level 2 (2800W):** Medium heat, approx. 200 g/h gas consumption.
- **Level 3 (4200W):** High heat, approx. 300 g/h gas consumption.

To adjust the heat, simply turn the control knob to the desired level. The infrared radiant heat will quickly warm your space.



Figure 5: Control knob and heating level indicators.

Shutting Down the Heater:

1. Turn the control knob to the 'OFF' position.
2. Close the gas bottle valve completely. This is the most important step to ensure safety and prevent leaks.
3. Allow the heater to cool down completely before moving or storing.

5. Maintenance

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

Cleaning:

- Ensure the heater is completely cool and the gas supply is turned off before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.

- Keep the ceramic plates and burner area free from dust and debris. Use a soft brush or vacuum cleaner with a brush attachment if necessary.
- Do not spray water directly onto the heater.

Storage:

When not in use, especially for extended periods:

1. Turn off the gas supply at the cylinder and disconnect the regulator and hose.
2. Ensure the heater is clean and completely cool.
3. The heater features a foldable design for space-saving storage. Remove the wheels and support plate, then fold the side panels inwards.
4. Store the heater in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.
5. If a protective cover is included (as shown in Figure 6), use it to protect the heater from dust and moisture.



Figure 6: Folding mechanism for space-saving storage.



Figure 7: Heater dimensions and protective cover.

6. Troubleshooting

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

Common Issues:

- **Heater does not ignite:**
  - Ensure the gas bottle valve is fully open.
  - Check if the gas bottle is empty.
  - Verify that the gas hose and regulator are correctly and securely connected.
  - Ensure the control knob is pressed long enough during ignition (10-20 seconds).
- **Flame extinguishes shortly after ignition:**
  - This could indicate the thermocouple is not heating sufficiently or the ODS system has activated due to low

oxygen. Ensure adequate ventilation.
    - Repeat the ignition process, holding the knob longer.
- **Smell of gas:**
    - Immediately turn off the gas supply at the cylinder.
    - Ventilate the area thoroughly.
    - Check all gas connections for leaks using soapy water. Tighten any loose connections.
    - If the smell persists or you cannot locate the leak, do not use the heater and contact a qualified technician.
- **Heater produces insufficient heat:**
    - Ensure the heater is set to the desired heating level (1, 2, or 3).
    - Check if the gas bottle is running low.
    - Ensure the room size is within the recommended coverage area (up to 82 m²).

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact customer support.

7. Specifications

Feature	Specification
Brand	TRESKO
Model Number	1537
Color	Grey
Dimensions (L x W x H)	35 x 42 x 74 cm
Weight	9.32 kg
Heating Power Levels	3 (1500W, 2800W, 4200W)
Max. Room Coverage	Up to 82 m²
Energy Efficiency Class	A
Gas Consumption	100 g/h (min), 200 g/h (medium), 305 g/h (max)
Compatible Gas Types	LPG, Butane, Propane
Max. Gas Bottle Capacity	15 kg
Safety Features	Oxygen Depletion Sensor (ODS), Flame Failure Device (FFD), Tilt Protection
Power Source	Gas operated
Heating Method	Radiant
Included Accessories	Gas regulator, Gas hose

Note: Specifications are subject to change without prior notice for product improvement.

8. Warranty and Support

Warranty Information:

TRESKO products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your purchase or contact the retailer where the product was purchased. Keep your proof of purchase for any warranty claims.

Customer Support:

If you have any questions, require technical assistance, or need to report a problem with your TRESKO Gas Heater, please contact the retailer or the manufacturer's customer service department. Provide your model number (1537) and purchase date when contacting support to expedite assistance.

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