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TRESKO 1537

TRESKO 4200W Foldable Butane Gas Heater

Model: 1537

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your TRESKO 4200W Foldable Butane Gas Heater, Model 1537. Please read these instructions carefully before using the appliance and retain them for future reference.

The TRESKO gas heater is designed to provide radiant heat for both indoor and outdoor environments, offering three power levels and a compact, portable design.



Image 1.1: TRESKO 4200W Foldable Butane Gas Heater in use, showing its compact design and heating capability for spaces up to 82 m².

2. Safety Instructions

WARNING: Failure to follow these safety instructions may result in fire, explosion, serious injury, or death.

- **Gas Adapter Requirement:** An appropriate European gas adapter (not included) is required to connect the hose to the gas bottle. Ensure compatibility with your local gas supply.
- **Ventilation:** Always ensure adequate ventilation when operating the heater, especially indoors. This appliance consumes oxygen.
- **Gas Type:** Use only Butane, Propane, or a mixture of both (LPG) gas cylinders up to 15 kg. Do not use other fuel types.
- **Leak Checks:** Before each use, check all gas connections for leaks using a soapy water solution. Never use an open flame to check for leaks.
- **Placement:** Place the heater on a stable, level surface. Maintain a safe distance from flammable materials

(curtains, furniture, etc.).

- **Children and Pets:** Keep children and pets away from the heater during operation and while it is cooling down.
- **Moving the Heater:** Do not move the heater while it is operating or hot. Allow it to cool completely before relocating.
- **Overheating and Tip-over Protection:** The heater is equipped with an oxygen depletion sensor (ODS), flame failure device (FFD), and tip-over protection. Do not bypass or modify these safety features.
- **Storage:** Store gas cylinders in a well-ventilated area, away from heat sources and direct sunlight.
- **Maintenance:** Only qualified personnel should perform maintenance or repairs.

3. Product Overview

3.1 Components

The TRESKO gas heater consists of the main heating unit, a gas hose, and a pressure regulator. It features a robust steel casing, ceramic heating plates, and mobility wheels.



Image 3.1: Illustration of the gas hose and pressure regulator, and their connection to a gas bottle within the heater's compartment.

3.2 Key Features

- **Power Output:** Three adjustable heating levels: 1500W, 2800W, and 4200W.
- **Fuel Type:** Compatible with standard Butane, Propane, or LPG gas cylinders up to 15 kg.
- **Ignition:** Convenient piezoelectric ignition.
- **Mobility:** Equipped with four 360° swivel wheels and integrated handles for easy movement.
- **Safety Mechanisms:** Includes Oxygen Depletion Sensor (ODS), Flame Failure Device (FFD), and tip-over protection.
- **Design:** Foldable steel casing for compact storage.
- **Coverage:** Capable of heating areas up to 82 m².



Image 3.2: Detail of the heater's base, highlighting the 360° swivel wheels and the integrated handle for portability.

Image 3.3: Visual representation of the heater's versatile applications in various settings such as camping, living rooms, and outdoor areas.

4. Setup and Assembly

Follow these steps to assemble and prepare your TRESKO gas heater for first use.

4.1 Unpacking and Initial Inspection

1. Carefully remove all components from the packaging.
2. Check for any signs of damage during transit. Do not use the appliance if it appears damaged.
3. Ensure all parts listed in the packing contents are present: main heater unit, gas hose, pressure regulator, and protective cover.

4.2 Assembly Steps

The heater features a foldable design for compact storage. For initial use, it needs to be unfolded and secured.

1. **Unfold the Heater:** Gently pull the sides of the heater outwards until they lock into place, forming the full enclosure.
2. **Install Wheels (if not pre-installed):** Attach the four swivel wheels to the base of the heater using the provided hardware.
3. **Gas Bottle Placement:** Open the rear compartment of the heater. Carefully place a compatible gas bottle (up to 15 kg) inside the designated space.
4. **Connect Regulator and Hose:**
    - Connect the pressure regulator to the gas bottle valve. Ensure a tight and secure connection.
    - Connect the gas hose to the regulator and the other end to the heater's gas inlet.
    - **IMPORTANT: An additional European gas adapter (not included) may be required for compatibility with your local gas bottle type. Verify this before attempting connection.**
5. **Leak Test:** After connecting the gas bottle, perform a leak test. Apply a soapy water solution to all gas connections. If bubbles appear, there is a leak. Tighten connections or replace faulty parts. Never use the heater if a leak is detected.



Image 4.1: Visual guide for unfolding the heater and installing components like wheels and the gas bottle.



Image 4.2: Diagram illustrating the types and sizes of gas bottles (15 kg, 11 kg, 5 kg) compatible with the heater.

5. Operating Instructions

This section details how to safely ignite and operate your TRESKO gas heater.

5.1 Ignition

1. Ensure the gas bottle valve is fully open.
2. Turn the control knob to the desired power level (1, 2, or 3).
3. Press and hold the ignition button (piezoelectric igniter) while simultaneously turning the control knob to the desired setting. You should hear a click and see the ceramic plates ignite.

4. Continue to hold the control knob in for a few seconds after ignition to allow the thermocouple to heat up and engage the flame failure device. Release the knob slowly.
5. If the flame extinguishes, repeat the ignition process. If it fails to ignite after several attempts, check the gas supply and connections.



Image 5.1: Detail of the control panel, showing the rotary knob for power selection and the ignition button.

Image 5.2: Visual representation of the three heating levels and their approximate gas consumption rates.

5.2 Adjusting Heat Output

The heater offers three power levels:

- **Level 1 (1500W):** Minimum heat output, approximately 100 g/h gas consumption.
- **Level 2 (2800W):** Medium heat output, approximately 200 g/h gas consumption.
- **Level 3 (4200W):** Maximum heat output, approximately 300 g/h gas consumption.

Rotate the control knob to select the desired heat level. The ceramic plates will adjust accordingly.

5.3 Shutting Down the Heater

1. Turn the control knob to the "OFF" position.
2. Close the valve on the gas bottle.
3. Allow the heater to cool down completely before moving or storing it.

6. Maintenance

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

6.1 Cleaning

- Ensure the heater is completely cool and disconnected from the gas supply before cleaning.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Keep the ceramic heating plates and ventilation openings free from dust and debris. Use a soft brush or vacuum cleaner if necessary.

6.2 Gas Hose and Regulator Inspection

- Periodically inspect the gas hose for cracks, cuts, or signs of wear. Replace immediately if damaged.
- Check the pressure regulator for any damage or signs of malfunction. Replace if necessary.
- Ensure all connections remain tight and free of leaks.

6.3 Storage

When not in use for extended periods, store the heater properly:

1. Disconnect the gas bottle and store it separately in a cool, well-ventilated area.
2. Clean the heater as described above.
3. Fold the heater for compact storage. To fold, remove the wheels and support plate, then fold the marked sides inwards.
4. Use the provided protective cover to shield the heater from dust and moisture.



Image 6.1: Instructions for folding the heater for compact storage, including its folded dimensions (A: 42 cm, B: 14 cm, C: 68 cm).



Image 6.2: The TRESKO gas heater shown with its protective cover, designed to shield it from dust and moisture during storage.

7. Troubleshooting

Refer to this section for common issues and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Heater does not ignite.	Gas bottle empty or valve closed. Gas connections loose or leaking. Ignition button not pressed correctly. Thermocouple not heating sufficiently.	Check gas level and open valve. Perform leak test and tighten connections. Press and hold the ignition button firmly while turning the knob. Hold the control knob in for a longer period after ignition.

Problem	Possible Cause	Solution
Flame extinguishes shortly after ignition.	Thermocouple not properly engaged. Insufficient gas flow.	Hold the control knob in for 10-15 seconds after ignition. Check gas bottle level and regulator.
Smell of gas.	Gas leak.	Immediately turn off the gas bottle valve. Ventilate the area. Perform a leak test with soapy water. Do not use the heater until the leak is resolved.
Heater shuts off unexpectedly.	Oxygen Depletion Sensor (ODS) activated due to low oxygen. Tip-over protection activated. Gas bottle empty.	Ensure adequate ventilation. Check if the heater was knocked over; place it on a stable surface. Replace the gas bottle.

8. Specifications

Brand	TRESKO
Model Number	1537
Heat Output	1500W / 2800W / 4200W
Fuel Type	LPG (Butane or Propane)
Compatible Gas Bottle Size	Up to 15 kg
Gas Consumption	100 g/h (Min), 200 g/h (Med), 300 g/h (Max)
Heating Element	Ceramic
Heating Coverage	Up to 82 m²
Dimensions (Unfolded)	35 cm (D) x 42 cm (W) x 74 cm (H)
Weight	7.5 kg
Energy Efficiency Class	A
Safety Features	Oxygen Depletion Sensor (ODS), Flame Failure Device (FFD), Tip-over Protection



Image 8.1: Energy efficiency label indicating Class A rating and 4.2 kW heat output.

9. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the retailer. Keep your proof of purchase for any warranty claims.

Manufacturer: DWD-Company GmbH & Co. KG

For technical assistance or inquiries, please visit the TRESKO official website or contact their customer service department.

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