

BRUNNER 0708014N

Brunner Devil 450 Foldable Camping Stove Instruction Manual

Model: 0708014N | Brand: BRUNNER

1. INTRODUCTION

The Brunner Devil 450 is a portable, foldable gas camping stove designed for outdoor cooking. It is lightweight, compact, and suitable for camping, picnics, and other outdoor activities. This manual provides essential information for safe setup, operation, maintenance, and troubleshooting to ensure optimal performance and user safety.

The stove features a robust construction with high-resistance PBT plastic for the lower casing and a powder-coated metal upper plate. It includes a non-slip, heat-resistant stainless steel grate and foldable stainless steel legs for stability. For ease of use, it is equipped with a piezo ignition system and integrated multifunction controls.

2. SAFETY INFORMATION

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

- **Outdoor Use Only:** This appliance is designed for outdoor use in well-ventilated areas. Never use indoors, in tents, vehicles, or any enclosed space.
- **Flammable Materials:** Keep the stove clear of all flammable materials, including tents, clothing, and dry vegetation. Maintain a safe distance from walls and other objects.
- **Gas Cartridge:** Use only Powergaz 450 butane gas cartridges with an EN417 valve. Do not use other types of gas cartridges or adapters. Ensure the cartridge is securely connected before use.
- **Leak Check:** Before each use, check for gas leaks. Apply soapy water to connections; bubbles indicate a leak. If a leak is detected, immediately turn off the gas, disconnect the cartridge in a well-ventilated area, and do not use the stove until the leak is repaired by a qualified person.
- **Children and Pets:** Keep children and pets away from the stove during operation and while it is cooling down.

- **Stable Surface:** Always place the stove on a stable, level, non-flammable surface.
- **Hot Surfaces:** The stove becomes very hot during use and remains hot for some time after being turned off. Avoid touching hot surfaces.
- **No Modifications:** Do not modify this appliance. Any modification can be dangerous and will void the warranty.
- **Ventilation:** Ensure adequate ventilation to prevent carbon monoxide buildup.
- **Safety Features:** The stove is equipped with a double-movement safety button for the gas control and integrated multifunction controls for safe operation. A valve/regulator helps maintain a stable flame and prevent flare-ups.

3. PRODUCT COMPONENTS

The Brunner Devil 450 camping stove consists of the following main components:

- Stove Body (main unit)
- Burner Head
- Pot Support / Grate (non-slip, stainless steel)
- Foldable Legs (stainless steel)
- Gas Cartridge Tilting Inlet Connector
- Control Knob with Piezo Ignition Button
- Plastic Carry Case



Image 3.1: Overview of the Brunner Devil 450 camping stove, showing its compact design and key features. The image also highlights the stove's dimensions (30.5-35.5 x 22.6 x 12-23 cm), power output (2.4 kW), and weight (1.85 kg).

4. SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove the stove and its plastic carry case from the packaging.
2. **Placement:** Place the stove on a stable, level, non-flammable surface outdoors, away from any flammable materials or obstructions.
3. **Unfold Legs:** Extend the foldable stainless steel legs until they lock into position, ensuring the stove is stable and elevated for proper airflow.

Klappbare Standbeine



Image 4.1: The Brunner Devil 450 stove demonstrating its foldable legs. The legs can be extended for stable operation and folded for compact storage and transport.

4. Connect Gas Cartridge:

- Ensure the control knob is in the "OFF" position.
- Align a Powergaz 450 butane gas cartridge (with EN417 valve) with the tilting inlet connector on the side of the stove.
- Screw the cartridge firmly into place by hand until a tight seal is achieved. Do not overtighten.
- Perform a leak check as described in the Safety Information section.

Für Gewindekartusche (exkl.)



Image 4.2: Detailed view of the gas cartridge connection point on the Brunner Devil 450 stove. It shows how to attach a threaded gas cartridge to the tilting inlet for easy and secure installation.

5. OPERATING INSTRUCTIONS

1. Lighting the Stove:

- Ensure the stove is on a stable surface and the gas cartridge is securely connected.
- Push and turn the control knob counter-clockwise to the "ON" position. Simultaneously press the piezo ignition button. You should hear a click and see the burner ignite.
- If the burner does not light within a few seconds, release the knob, turn it to "OFF", wait a moment, and repeat the process. If ignition fails after several attempts, refer to the Troubleshooting section.

2. Adjusting the Flame:

- Once lit, adjust the flame intensity by turning the control knob. Turn clockwise for a lower flame and counter-clockwise for a higher flame.

3. Cooking:

- Place a suitable pot or pan on the non-slip grate. Ensure the pot is centered and stable.
- Monitor cooking and adjust the flame as needed.

Automatische Piezo-Zündung



Inkl. Tragekoffer

Image 5.1: Close-up of the Brunner Devil 450's control knob and integrated piezo ignition button. This shows the mechanism for lighting and adjusting the flame.



Image 5.2: The Brunner Devil 450 stove with a cooking pot placed on its grate, illustrating its practical use for outdoor cooking.

4. Turning Off the Stove:

- Turn the control knob fully clockwise to the "OFF" position.
- Ensure the flame is completely extinguished.
- Allow the stove to cool down completely before handling, cleaning, or disassembling.

6. MAINTENANCE

- **Cleaning:** After the stove has completely cooled, wipe down all surfaces with a damp cloth. For stubborn stains, use a mild detergent. Do not use abrasive cleaners, steel wool, or harsh chemicals, as these can damage the finish.
- **Storage:**
 - Ensure the stove is completely cool and clean.
 - Disconnect the gas cartridge and store it separately according to its manufacturer's instructions.
 - Fold the stainless steel legs back into their compact position.
 - Place the stove back into its original plastic carry case for protection.

- Store the stove in a cool, dry, well-ventilated area, away from direct sunlight and sources of ignition.
- **Inspection:** Regularly inspect the stove for any signs of damage, wear, or corrosion, especially on the gas connections, hose (if applicable), and burner head. If any damage is found, do not use the stove and seek professional repair.



Image 6.1: The Brunner Devil 450 stove alongside its durable plastic carry case. This case is designed for convenient transport and protective storage of the stove when not in use.

7. TROUBLESHOOTING

If you encounter issues with your Brunner Devil 450 stove, refer to the following troubleshooting guide:

- **Stove Does Not Light:**
 - **Is the gas cartridge connected correctly?** Ensure the cartridge is fully screwed into the inlet connector.
 - **Is the gas cartridge empty?** Replace with a new Powergaz 450 butane gas cartridge.
 - **Is the control knob turned to "ON" and the piezo ignition pressed?** Confirm both actions are performed simultaneously.
 - **Is the piezo igniter sparking?** Listen for a click. If no spark, try lighting manually with a long-stemmed lighter or match. If manual ignition works, the piezo igniter may need service.

- **Flame is Weak or Inconsistent:**

- **Is the gas cartridge nearly empty?** Replace the cartridge.
- **Is the gas cartridge connection secure?** Tighten the connection if loose.
- **Is the burner port obstructed?** Ensure the burner head is clean and free from debris.
- **Is the stove operating in very cold conditions?** Butane gas performance can decrease in low temperatures.

- **Gas Leak Detected:**

- Immediately turn off the gas by rotating the control knob to "OFF".
- Disconnect the gas cartridge in a well-ventilated outdoor area.
- Do not use the stove until the leak is identified and repaired by a qualified technician.

8. TECHNICAL SPECIFICATIONS

Attribute	Specification
Brand	BRUNNER
Model Number	0708014N
Product Name	Devil 450 Foldable Camping Stove
Fuel Type	Butane Gas Cartridge (EN417 valve, e.g., Powergaz 450)
Maximum Output Power	2.4 Kilowatts (kW)
Gas Consumption	175 g/h
Ignition System	Piezo Ignition
Material	High-resistance PBT plastic (lower casing), Powder-coated metal (upper plate), Stainless steel (grate, legs)
Dimensions (Folded)	30.5 cm (L) x 22.6 cm (W) x 12 cm (H)
Dimensions (Open)	35.5 cm (L) x 22.6 cm (W) x 23 cm (H)
Item Weight	1.85 Kilograms
Color	Grey



Image 8.1: A diagram illustrating the key dimensions of the Brunner Devil 450 camping stove, including length, width, and height, for both folded and open configurations.

9. WARRANTY AND SUPPORT

Warranty Information: Specific warranty terms and conditions for the Brunner Devil 450 camping stove are typically provided at the point of purchase or can be found on the official BRUNNER website. Please retain your proof of purchase for any warranty claims.

Customer Support: For technical assistance, spare parts, or any other inquiries regarding your Brunner Devil 450 stove, please contact your retailer or visit the official BRUNNER website for customer service contact details. Information regarding spare parts availability may vary.