

Brunner 0708040N

Brunner Devil Heatstar Radiant Heater

MODEL: 0708040N

1. Introduction

The Brunner Devil Heatstar is a radiant heater designed to convert the flame from a portable gas stove into thermal energy. Constructed from high-temperature resistant stainless steel, this accessory provides efficient outdoor heating for various applications such as camping, gardening, RVs, or boats. Its compact design and simple bayonet mounting system ensure quick and easy setup.

2. Safety Information

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

- **Outdoor Use Only:** This radiant heater is designed for outdoor use in well-ventilated areas. Never use indoors, in tents, vehicles, or any enclosed space, as this can lead to carbon monoxide poisoning.
- **Ventilation:** Ensure adequate ventilation even when used outdoors to prevent accumulation of combustion byproducts.
- **Hot Surfaces:** The heater and surrounding areas will become extremely hot during operation and remain hot for some time after use. Avoid contact with bare skin. Use heat-resistant gloves if handling is necessary.
- **Flammable Materials:** Keep all flammable materials (e.g., clothing, tents, fuel) at a safe distance from the heater.
- **Stable Surface:** Always place the gas stove and heater on a stable, level, non-combustible surface to prevent tipping.
- **Children and Pets:** Keep children and pets away from the operating heater.
- **Gas Stove Compatibility:** Use only with compatible portable gas stoves as intended. Ensure the stove is in good working condition and gas connections are secure.

- **Never Leave Unattended:** Do not leave the heater operating unattended.
- **Storage:** Allow the heater to cool completely before storing. Store in a dry, safe place away from direct sunlight and extreme temperatures.

3. Product Overview

The Brunner Devil Heatstar is a robust and efficient radiant heater. Its primary function is to convert the open flame of a portable gas stove into a safer, more distributed heat source.

Key Features:

- **High Temperature Resistance:** Constructed from durable stainless steel, designed to withstand the high temperatures generated by camping gas stoves.
- **Wide Application:** Suitable for various outdoor heating needs in environments such as camping, gardens, RVs, or boats.
- **Simple Mounting:** Features a quick and easy bayonet mounting system for secure attachment to compatible gas stoves.
- **Compact and Lightweight:** Dimensions of 15.5 x 11.5 cm and a weight of 320 g make it highly portable.

Components:

The heater consists of a stainless steel cylindrical body with a perforated design for heat emission and a black top cover. The base is designed for bayonet attachment to a gas stove.



Figure 1: The Brunner Devil Heatstar radiant heater, a cylindrical stainless steel unit with a black top, designed to sit on a portable gas stove.

4. Setup Instructions

Follow these steps to safely set up your Brunner Devil Heatstar radiant heater:

1. **Prepare Gas Stove:** Ensure your portable gas stove is turned off, cooled, and disconnected from its gas supply. Place the stove on a stable, level, non-combustible surface in a well-ventilated outdoor

area.

2. **Attach Heater:** Align the base of the Devil Heatstar heater with the burner grate of your gas stove. Gently press down and twist clockwise to engage the bayonet fitting until it is securely locked in place. Do not force it.
3. **Inspect:** Verify that the heater is firmly attached to the stove and does not wobble.



Figure 2: The Brunner Devil Heatstar radiant heater placed on a white portable gas stove, emitting heat. A person's hands are warming near it, indicating its function.

5. Operating Instructions

Once the heater is securely attached to your gas stove, follow these steps for operation:

1. **Connect Gas:** Connect the gas supply to your portable stove according to the stove manufacturer's instructions.
2. **Ignite Stove:** Carefully ignite the gas stove burner. Start with a low flame setting.
3. **Heat Conversion:** The flame from the stove will heat the stainless steel elements of the Devil Heatstar, which will then begin to radiate heat.
4. **Adjust Heat:** Adjust the gas stove's flame intensity to achieve the desired heat output. Observe the heater to ensure even heating.
5. **Monitor:** Continuously monitor the heater and surrounding area during operation.

6. **To Turn Off:** When finished, turn off the gas stove completely. Allow the heater to cool down naturally before attempting to move or store it. Do not touch the heater until it is cool to the touch.



Figure 3: A close-up view of the Brunner Devil Heatstar radiant heater in operation on a portable gas stove, showing the internal elements glowing red as they convert the gas flame into radiant heat.

6. Maintenance

Proper maintenance ensures the longevity and safe operation of your radiant heater:

- **Cleaning:** After the heater has completely cooled, wipe the stainless steel surfaces with a damp cloth to remove any dust or residue. Do not use abrasive cleaners or harsh chemicals.
- **Inspection:** Periodically inspect the heater for any signs of damage, such as dents, cracks, or corrosion. Do not use if damaged.
- **Storage:** Store the heater in a dry, protected area when not in use. Avoid storing in environments with high humidity or extreme temperatures.

7. Troubleshooting

If you encounter issues with your Brunner Devil Heatstar, consider the following:

- **Insufficient Heat:**
 - Ensure the gas stove flame is set to an appropriate level.
 - Check the gas supply to the stove for adequate pressure.
 - Verify the heater is correctly seated on the stove burner.
- **Unstable Heater:**
 - Ensure the heater is properly engaged with the bayonet fitting on the stove.
 - Confirm the gas stove is on a flat, stable surface.

- **Unusual Odor:**

- A slight odor may occur during the first few uses as manufacturing residues burn off. Ensure good ventilation.
- If a strong gas odor is detected, immediately turn off the gas supply, extinguish any flames, and move to a well-ventilated area. Do not operate the heater or stove until the source of the leak is identified and resolved.

8. Specifications

Feature	Detail
Model Number	0708040N
Brand	Brunner
Material	Stainless Steel
Product Dimensions (L x W x H)	15.5 x 11.5 cm (approximate, based on feature bullets)
Weight	320 g
Energy Type	Gas-powered
Fuel Type	Liquefied Petroleum Gas (LPG)
Mounting	Bayonet fitting
Country of Origin	Italy

9. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Brunner products typically come with a manufacturer's warranty covering defects in materials and workmanship.

For technical support or inquiries, please contact Brunner customer service or your authorized dealer. Keep your purchase receipt and model number (0708040N) handy for faster service.