

Orbegozo HBF 120

Orbegozo HBF 120 Gas Heater User Manual

Model: HBF 120

1. IMPORTANT SAFETY INFORMATION

Please read this entire manual carefully before installing, operating, or servicing this gas heater. Failure to follow these instructions could result in fire, explosion, property damage, personal injury, or death.

- **Ventilation:** Always ensure adequate ventilation when operating the heater. Do not use in unventilated areas.
- **Fuel:** Use only butane or propane gas as specified. Ensure the gas cylinder is correctly connected and free from leaks.
- **Placement:** Place the heater on a firm, level surface, away from flammable materials (curtains, furniture, paper, etc.). Maintain a safe distance from walls and other objects.
- **Children and Pets:** Keep children and pets away from the heater. Never leave the heater unattended when in operation.
- **Moving:** Do not move the heater while it is operating or still hot.
- **Modifications:** Do not modify the heater in any way. Any unauthorized modifications will void the warranty and may create a safety hazard.
- **Storage:** Store gas cylinders in a well-ventilated area, away from heat sources and direct sunlight.
- **Carbon Monoxide:** Gas heaters produce carbon monoxide. Ensure proper ventilation to prevent carbon monoxide poisoning. Consider installing a carbon monoxide detector.

2. PRODUCT OVERVIEW

The Orbegozo HBF 120 is a portable gas heater designed for indoor use, providing efficient warmth with adjustable flame and thermostat settings. It operates on butane or propane gas and features a sleek white finish.



Figure 2.1: Front view of the Orbegozo HBF 120 Gas Heater. This image shows the heater's white exterior and the flame effect window at the base, indicating its operational state.



Figure 2.2: Side view of the Orbegozo HBF 120 Gas Heater. This image highlights the ventilation grilles on the side and a recessed handle on the top for portability.

3. SETUP

1. **Unpacking:** Carefully remove the heater from its packaging. Retain packaging for future storage or transport. Inspect the heater for any signs of damage. Do not use if damaged.
2. **Placement:** Position the heater on a stable, non-combustible, and level surface. Ensure there is at least 1 meter (3 feet) clearance from any combustible materials (furniture, curtains, walls, etc.) on all sides. Ensure adequate ventilation in the room.
3. **Gas Cylinder Connection:**
 - Ensure the gas cylinder valve is closed.
 - Connect the gas regulator to the gas cylinder valve according to the regulator's instructions.
 - Connect the gas hose from the regulator to the heater's gas inlet. Ensure all connections are tight.
4. **Leak Test:**
 - Open the gas cylinder valve slowly.

- Apply a soapy water solution to all gas connections. If bubbles appear, there is a leak. Close the gas valve immediately and tighten the connections. Repeat the test. If leaks persist, do not use the heater and contact qualified service personnel.
5. **Battery Installation (for ignition, if applicable):** If your model requires batteries for the igniter, install 1 AA battery as indicated in the battery compartment.

4. OPERATING INSTRUCTIONS

1. **Starting the Heater:**
- Ensure the gas cylinder valve is fully open.
 - Turn the control knob to the desired heat setting (e.g., Low, Medium, High).
 - Press and hold the control knob inward while simultaneously pressing the igniter button repeatedly until the pilot flame ignites.
 - Continue to hold the control knob for 10-20 seconds after ignition to allow the thermocouple to heat up. Release the knob. The main burner should now ignite.
 - If the burner does not ignite, repeat the process. If it fails after several attempts, refer to the Troubleshooting section.
2. **Adjusting Heat:** Rotate the control knob to select the desired heat output. The Orbegozo HBF 120 features adjustable flame and thermostat settings for optimal comfort.
3. **Shutting Down the Heater:**
- Turn the control knob to the "OFF" position.
 - Close the gas cylinder valve.
 - Allow the heater to cool completely before moving or storing.

5. MAINTENANCE

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

- **Cleaning:**
 - Ensure the heater is off and completely cool before cleaning.
 - Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
 - Keep the ventilation openings clear of dust and debris. Use a soft brush or vacuum cleaner to gently remove any blockages.
- **Gas Hose and Regulator:** Periodically inspect the gas hose and regulator for cracks, cuts, or damage. Replace them immediately if any damage is found. Check the expiration date on the gas hose and replace it as recommended by the manufacturer.
- **Storage:** When not in use for extended periods, disconnect the gas cylinder and store the heater in a dry, dust-free location.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater does not ignite.	Gas cylinder empty or valve closed. Igniter not sparking. Thermocouple not heating sufficiently.	Check gas level and ensure valve is open. Check battery for igniter. Hold control knob longer after pilot ignition.

Problem	Possible Cause	Solution
Low flame or inconsistent flame.	Low gas pressure. Partially blocked burner.	Check gas cylinder level. Ensure gas hose is not kinked. Contact service for burner inspection.
Smell of gas.	Gas leak. Incomplete combustion.	Immediately turn off heater and gas supply. Ventilate area. Perform leak test. If smell persists, evacuate and contact emergency services.
Heater shuts off unexpectedly.	Oxygen Depletion Sensor (ODS) activated due to insufficient ventilation. Thermocouple issue.	Increase ventilation. Ensure no obstructions. If problem persists, contact service.

For problems not listed here or if solutions do not resolve the issue, contact qualified service personnel or the manufacturer.

7. SPECIFICATIONS

Feature	Detail
Brand	Orbegozo
Model Number	HBF 120
Power Output	3800 W (3.8 kW)
Fuel Type	Butane / Propane Gas
Color	White
Material	Carbon Steel
Dimensions (L x W x H)	40 x 30 x 50 cm
Item Weight	9 Kilograms
Special Features	Adjustable flame, Adjustable thermostat, Flame effect
Power Source	Gas Powered
Installation Type	Freestanding
Battery Requirement	1 AA (for ignition, if applicable)

8. WARRANTY AND SUPPORT

Warranty information for the Orbegozo HBF 120 Gas Heater is typically provided with your purchase documentation. Please refer to the warranty card or contact your retailer for specific details regarding coverage and duration.

For technical support, spare parts, or service inquiries, please contact Orbegozo customer service or your authorized dealer. Contact details can usually be found on the manufacturer's official website or in your product packaging.

