

## Kingavon BB-PG150

# Kingavon BB-PG150 Portable Gas Heater Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Kingavon BB-PG150 Portable Gas Heater. Please read these instructions thoroughly before assembly, installation, or use of the appliance. Keep this manual for future reference.

The Kingavon BB-PG150 is a portable gas heater designed for indoor use, featuring three heat settings, ceramic heating plates, and an integrated ignition system. It is equipped with an anti-tilt safety system and castors for easy movement.

## 2. SAFETY INFORMATION

**WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.**

- **Ventilation:** Always ensure adequate ventilation when operating the heater. Do not use in unventilated areas.
- **Gas Supply:** This heater is designed for use with butane gas bottles only. Ensure the gas bottle is securely connected and free from leaks.
- **Positioning:** Place the heater on a firm, level surface. Maintain a safe distance from combustible materials (curtains, furniture, etc.).
- **Anti-Tilt System:** The heater is equipped with an anti-tilt safety system that will automatically shut off the gas supply if the unit is accidentally knocked over. Do not attempt to bypass or disable this safety feature.
- **Children and Pets:** Keep children and pets away from the heater during operation. The surfaces can become very hot.
- **Storage:** Store gas bottles in a well-ventilated area, away from heat sources and direct sunlight.
- **Maintenance:** Only qualified personnel should perform servicing. Do not attempt to repair the heater

yourself.

- **Standard Compliance:** This product is tested to BS EN449:2002 standard.

### 3. PACKAGE CONTENTS

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Please check the contents of your package. It should include:

- Kingavon BB-PG150 Portable Gas Heater unit
- Approved gas regulator and hose (pre-fitted or supplied separately)
- Instruction Manual

*Note: A butane gas bottle is not supplied and must be purchased separately.*

### 4. SETUP AND INSTALLATION

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1. **Unpacking:** Carefully remove the heater from its packaging. Retain packaging for future storage or transport.
2. **Positioning:** Place the heater in the desired location, ensuring it is on a stable, level surface and away from any flammable materials. Ensure adequate ventilation.
3. **Gas Bottle Connection:**



Image 1: Front view of the Kingavon BB-PG150 Portable Gas Heater, showing the ceramic heating plates and protective grille.

- a. Ensure the gas bottle valve is in the 'OFF' position.
- b. Connect the regulator hose to the heater's gas inlet. Tighten securely.

- c. Connect the regulator to the butane gas bottle. Follow the regulator manufacturer's instructions for proper connection.
- d. Check all connections for leaks using a soapy water solution. Bubbles indicate a leak. If a leak is detected, turn off the gas immediately and re-tighten connections. Do not use the heater if a leak persists.

## 5. OPERATING INSTRUCTIONS

1. **Preparation:** Ensure the gas bottle valve is fully open.

2. **Ignition:**



Image 2: Top view of the heater, highlighting the control knob and the red integrated ignition button.

- a. Press and hold the control knob (usually located on the top or side of the heater) and turn it to the 'LOW' (1.4 kW) heat setting.
  - b. While holding the control knob in, press the integrated ignition button (red button) repeatedly until the pilot flame ignites. You may hear a clicking sound.
  - c. Continue to hold the control knob in for approximately 10-20 seconds after ignition to allow the thermocouple to heat up and engage the safety valve. Release the knob slowly. If the flame extinguishes, repeat the ignition process.
3. **Adjusting Heat Settings:** Once ignited, you can adjust the heat output by rotating the control knob to your desired setting:
- **Setting 1 (LOW):** 1.4 kW (Gas consumption: 100 g/h)
  - **Setting 2 (MEDIUM):** 2.8 kW (Gas consumption: 200 g/h)
  - **Setting 3 (HIGH):** 4.2 kW (Gas consumption: 305 g/h)
4. **Turning Off:** To turn off the heater, turn the control knob to the 'OFF' position. For complete shutdown, also close the valve on the gas bottle.

## 6. 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 with a damp cloth. Do not use abrasive cleaners or solvents. Keep the ceramic plates and grille free from dust and debris.
- **Storage:** If storing the heater for an extended period, disconnect the gas bottle and store it separately in a well-ventilated area. Cover the heater to protect it from dust.
- **Inspection:** Periodically check the gas hose and connections for any signs of wear, damage, or leaks. Replace any damaged components immediately.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Heater does not ignite.	<ul style="list-style-type: none"><li>• Gas bottle empty or valve closed.</li><li>• Insufficient gas flow.</li><li>• Ignition button not pressed correctly.</li><li>• Air in the gas line.</li></ul>	<ul style="list-style-type: none"><li>• Check gas bottle level and ensure valve is open.</li><li>• Ensure regulator is correctly fitted.</li><li>• Press and hold the control knob firmly while pressing the ignition button.</li><li>• Bleed air from the line by attempting ignition several times.</li></ul>
Flame extinguishes after ignition.	<ul style="list-style-type: none"><li>• Control knob not held long enough.</li><li>• Thermocouple fault.</li><li>• Anti-tilt system activated.</li></ul>	<ul style="list-style-type: none"><li>• Hold the control knob for 10-20 seconds after ignition.</li><li>• Contact a qualified technician for inspection.</li><li>• Ensure the heater is on a stable, level surface.</li></ul>
Smell of gas.	Gas leak.	Immediately turn off the gas supply at the bottle. Ventilate the area. Check all connections for leaks with soapy water. Do not operate the heater until the leak is resolved. If unable to resolve, contact a qualified technician.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Kingavon

Feature	Detail
Model Number	BB-PG150
Heat Settings	3 (1.4 kW, 2.8 kW, 4.2 kW)
Max Power Output	4.2 kW (4200 Watts)
Gas Type	Butane
Gas Consumption	100 g/h (Low), 200 g/h (Medium), 305 g/h (High)
Heating Area	Up to 60 cubic meters
Ignition	Integrated Piezo Ignition
Safety Features	Anti-tilt safety system
Mobility	Castors for easy movement
Dimensions (approx.)	74.4 x 43.7 x 29.8 cm (Package)
Weight (approx.)	8.34 kg
Standard	BS EN449:2002

## 9. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support for the Kingavon BB-PG150 Portable Gas Heater is not available in the provided product data. Please refer to the product packaging or contact your retailer for details on warranty coverage and technical support.

For general inquiries or to locate a qualified service technician, please refer to the manufacturer's official website or contact their customer service department.