

IMEX JY-500A

IMEX Portable Camping Gas Stove JY-500A Instruction Manual

Model: JY-500A

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your IMEX Portable Camping Gas Stove, model JY-500A. This gas stove is designed for outdoor use, offering a convenient and reliable cooking solution for camping and other outdoor activities. Please read this manual thoroughly before operation and retain it for future reference.



Figure 1: The IMEX Portable Camping Gas Stove in its open configuration, ready for use. The burner grate is visible, along with the control knob and gas cartridge compartment.

2. SAFETY INFORMATION

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

- **Outdoor Use Only:** This appliance is designed for outdoor use in well-ventilated areas. Do not use indoors, in tents, or in any enclosed space.
- **Ventilation:** Ensure adequate ventilation during operation to prevent carbon monoxide buildup.
- **Gas Cartridges:** Use only 227g butane gas cartridges conforming to EN417 or equivalent safety standards (e.g., APRAGAZ). Do not use damaged or incompatible cartridges.
- **Leak Checks:** Before each use, check for gas leaks. Never use a flame to check for leaks. Use soapy water.
- **Ignition:** Always ignite the stove in a safe, open area, away from flammable materials.
- **Hot Surfaces:** The stove becomes very hot during and after use. Allow it to cool completely before handling or storing.
- **Children and Pets:** Keep children and pets away from the stove during operation and when it is hot.
- **Stability:** Place the stove on a stable, level, non-combustible surface.
- **Storage:** Store gas cartridges in a cool, dry, well-ventilated place, away from direct sunlight and heat sources. Disconnect the cartridge from the stove before storage.
- **Safety Lock:** The stove features a safety locking mechanism for the gas cartridge. Ensure it is engaged correctly during operation and disengaged when removing the cartridge.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x IMEX Portable Camping Gas Stove (Model JY-500A)
- 1 x Hard Plastic Carry Case
- 8 x 227g Butane Gas Cartridges (APRAGAZ standard)
- 1 x Instruction Manual (this document)



Figure 2: A set of eight 227g butane gas cartridges, branded IMEX, which are compatible with the stove.



Figure 3: The IMEX Portable Camping Gas Stove neatly packed inside its durable black plastic carry case for transport and storage.

4. SETUP

1. **Unpack:** Remove the stove and all components from the carry case.
2. **Position:** Place the stove on a firm, level, non-combustible surface in a well-ventilated outdoor area, away from any flammable materials.

3. **Open Lid:** Lift the stove's lid to reveal the burner and cooking grate.

4. **Insert Gas Cartridge:**

- Open the gas cartridge compartment door on the side of the stove.
- Ensure the control knob is in the "OFF" position.
- Align the collar of a 227g butane gas cartridge with the connector in the compartment.
- Push the cartridge firmly into place.
- Engage the safety locking lever (usually marked "LOCK" or "PUSH") to secure the cartridge and connect it to the stove's gas supply. You should hear a click.
- Close the gas cartridge compartment door.



Figure 4: The gas cartridge compartment, illustrating where the butane cartridge is inserted and the safety locking mechanism is engaged.

5. OPERATING INSTRUCTIONS

1. **Prepare Cookware:** Place your pot or pan centrally on the cooking grate.

2. **Ignition:**

- Ensure the gas cartridge is correctly installed and locked.
- Turn the control knob counter-clockwise to the "ON" position while simultaneously pressing it down. This activates the piezo ignition.
- If the burner does not ignite immediately, repeat the process until a flame appears.
- If ignition fails after several attempts, check the gas cartridge connection and ensure it is not empty.

3. **Adjust Flame:** Once ignited, rotate the control knob to adjust the flame intensity to your desired cooking level.

4. **Turn Off:** After cooking, turn the control knob clockwise to the "OFF" position until the flame extinguishes completely.

5. **Disconnect Cartridge (for storage):**

- Allow the stove to cool down completely.
- Open the gas cartridge compartment door.

- Disengage the safety locking lever (usually marked "UNLOCK" or "PULL").
- Carefully remove the gas cartridge.
- Store the cartridge and stove separately in a cool, dry place.



Figure 5: A close-up, top-down view of the stove's burner and the surrounding grate, designed to support various cookware sizes.

6. MAINTENANCE

- **Cleaning:** After the stove has cooled, wipe down the surfaces with a damp cloth. For stubborn stains, use a mild detergent. Do not use abrasive cleaners or solvents.
- **Burner:** Keep the burner head clean and free from food debris to ensure efficient operation. Use a soft brush if necessary.
- **Storage:** Always disconnect the gas cartridge before storing the stove. Store the stove in its original carry case in a cool, dry place, away from direct sunlight and heat sources.
- **Inspection:** Periodically inspect the gas hose and connections for any signs of wear, damage, or leaks. Replace any damaged parts immediately.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Stove does not ignite.	- Gas cartridge not installed correctly. - Gas cartridge empty. - Safety lock not engaged. - Piezo igniter faulty.	- Re-install cartridge, ensuring proper alignment. - Replace with a new cartridge. - Engage the safety lock lever. - Use a long-stem lighter to ignite manually.
Weak or inconsistent flame.	- Low gas in cartridge. - Burner head clogged. - Improper gas flow.	- Replace gas cartridge. - Clean burner head. - Ensure cartridge is fully connected and safety lock engaged.
Gas smell detected.	- Gas leak. - Cartridge not sealed properly.	- Immediately turn off the stove and disconnect the cartridge. Move to a well-ventilated area. Check for leaks with soapy water. Do not use if a leak is detected. - Re-install cartridge carefully.

8. SPECIFICATIONS

- Model:** JY-500A
- Brand:** IMEX
- Fuel Type:** Liquefied Petroleum Gas (Butane)
- Cartridge Type:** 227g Butane Gas Cartridge (APRAGAZ standard, EN417 compatible)
- Ignition:** Piezoelectric
- Material:** Stainless Steel
- Dimensions (L x W x H):** 28 cm x 34 cm x 11 cm (approximately)
- Power Source:** Gas Powered
- Safety Features:** Safety Locking Mechanism, EU Safety Directives Compliant

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer where you purchased this product or contact IMEX customer service through their official website. Keep your proof of purchase for any warranty claims.

