

BESTFIRE BFSGB07

BESTFIRE 26,000 BTU High Pressure Propane Burner Instruction Manual

Model: BFSGB07

1. IMPORTANT SAFETY INFORMATION

Please read and understand all instructions and warnings before assembling, operating, or servicing this appliance. Failure to follow these instructions may result in fire, explosion, property damage, personal injury, or death.

- **FOR OUTDOOR USE ONLY.** Do not operate this appliance indoors or in an enclosed area.
- Keep children and pets away from the burner during operation.
- Always operate on a level, stable, non-combustible surface.
- Maintain a minimum clearance of 10 feet from any combustible materials.
- Do not leave the operating burner unattended.
- Never store a propane cylinder indoors.
- Check all gas connections for leaks using a soapy water solution before each use. Never use a flame to check for leaks.
- Always turn off the gas supply at the cylinder when not in use.
- Do not attempt to modify the appliance or its components.

2. SETUP AND ASSEMBLY

The BESTFIRE High Pressure Propane Burner requires minimal assembly. Follow these steps for safe and correct setup:

1. **Unpack Components:** Carefully remove all parts from the packaging. Ensure all components are present: burner frame, cast iron burner head, hose with regulator.
2. **Assemble Burner Head:** Attach the cast iron burner head to the main frame. Secure it using the provided bolts and a hexagonal wrench. Ensure it is firmly in place.
3. **Connect Hose and Regulator:** Connect the hose with the 0-20 PSI adjustable regulator to the burner's gas inlet. Tighten securely by hand, then use a wrench for a final snug fit. Do not overtighten.

4. **Connect to Propane Tank:** Ensure the propane tank valve is closed. Connect the regulator to a standard propane tank (QCC-1/Type 1 connection). Hand-tighten the connection.
5. **Leak Test:** Before lighting, perform a leak test. Open the propane tank valve slowly. Apply a soapy water solution to all connections. If bubbles appear, there is a leak. Close the tank valve immediately and re-tighten connections. Repeat the test until no bubbles are present.

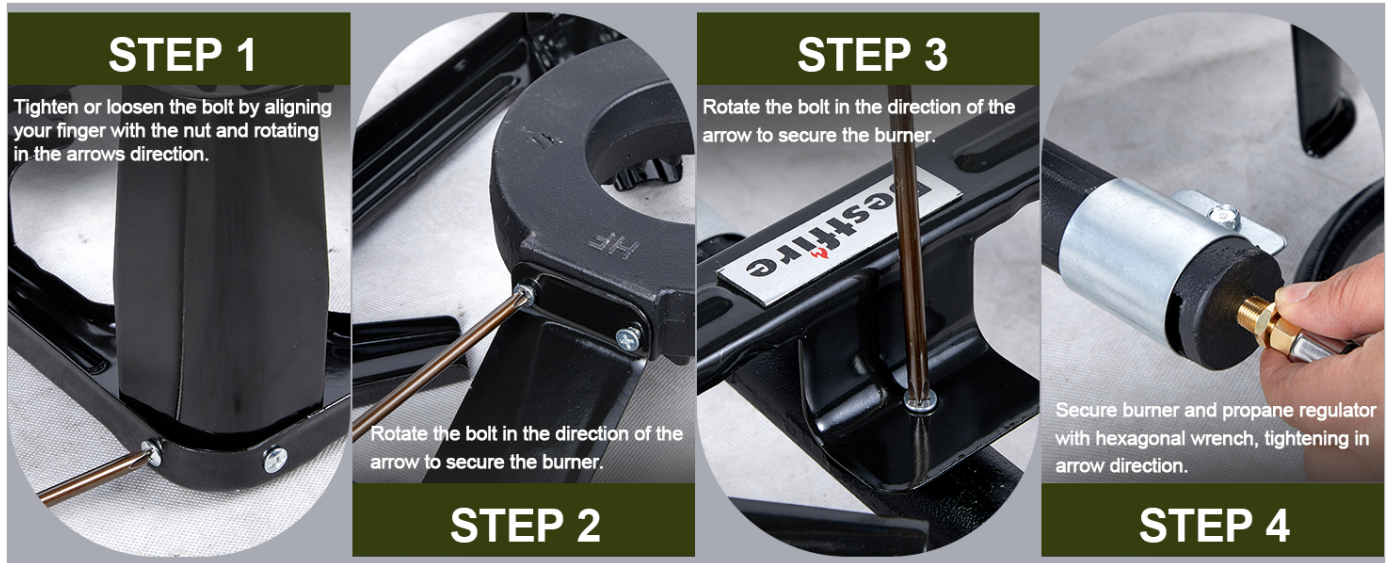


Figure 2.1: Step-by-step assembly instructions for the propane burner.

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Video 2.2: This video demonstrates the assembly process of the high-pressure propane burner, showing how to connect the components and the hose with the regulator.

3. OPERATING INSTRUCTIONS

Once assembled and leak-tested, your BESTFIRE propane burner is ready for use.

3.1 Lighting the Burner

1. Ensure the regulator knob on the hose is in the OFF position.
2. Slowly open the main valve on the propane tank completely.
3. Using a long-stem lighter or match, position the flame near the burner head.
4. Slowly turn the regulator knob counter-clockwise to the ON position. The burner should ignite.
5. Adjust the flame intensity using the regulator knob to achieve the desired heat.

3.2 Adjusting Flame Intensity

The 0-20 PSI adjustable regulator allows for precise control over the flame. Turn the knob clockwise to decrease the flame and counter-clockwise to increase it. A blue flame indicates efficient combustion.

16IN 26K BTU GAS PROPANE COOKER

A HEAVY DUTY, robust propane cooker built for just about any endeavour



Figure 3.1: The 16-inch propane burner in operation with a large cooking pot.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your propane burner.

- **Cleaning:** After each use, allow the burner to cool completely. Wipe down the frame and burner head with a damp cloth to remove any food residue or grease. For stubborn stains, use a mild detergent. Do not use abrasive cleaners.
- **Burner Port Inspection:** Periodically inspect the burner ports for any blockages (e.g., spider webs, debris). Use a small wire or brush to clear any obstructions.
- **Hose and Regulator Inspection:** Before each use, check the hose for cuts, abrasions, or excessive wear. Ensure the regulator connections are tight. Replace any damaged components immediately.
- **Storage:** Store the burner in a dry, protected area when not in use. Disconnect the propane tank and store it upright in a well-ventilated outdoor area, away from direct sunlight or heat sources.

5. TROUBLESHOOTING

If you encounter issues with your propane burner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Burner does not light	No gas flow; Regulator not open; Clogged burner ports; Faulty igniter (if applicable)	Ensure propane tank valve is fully open. Turn regulator knob to ON. Check for clogs in burner ports. Use a long-stem lighter to ignite manually.
Low flame or inconsistent flame	Low propane level; Regulator bypass activated; Clogged burner ports; Kinked hose	Check propane tank level. Close tank valve, disconnect regulator, wait 5 minutes, reconnect, and slowly open tank valve to reset regulator. Clean burner ports. Straighten hose.
Gas odor	Gas leak	Immediately turn off gas at the tank. Perform a leak test with soapy water. If leak persists or cannot be found, do not use the burner and contact customer support.
Yellow or orange flame	Improper air-to-gas mixture; Clogged burner ports	Ensure air intake is clear. Clean burner ports. A blue flame is ideal for efficient cooking.

6. SPECIFICATIONS

Key technical details for your BESTFIRE High Pressure Propane Burner:

- **Brand:** BESTFIRE
- **Model Number:** BFSGB07
- **Fuel Type:** Propane
- **Material:** Cast Iron (burner head), Steel (frame)
- **Product Dimensions (L x W x H):** 15.75" x 15.75" x 5.91"
- **Item Weight:** 4.51 kg (approximately 10 lbs)
- **Maximum Energy Output:** 26,000 BTU
- **Regulator:** 0-20 PSI Adjustable Hose & Regulator (4.1 ft hose)
- **Cooktop:** 16" Square Stamped Steel
- **UPC:** 850067808152

HIGH PRESSURE PROPANE COOKER

Constructed with a cast iron burner head allowing for high heat output

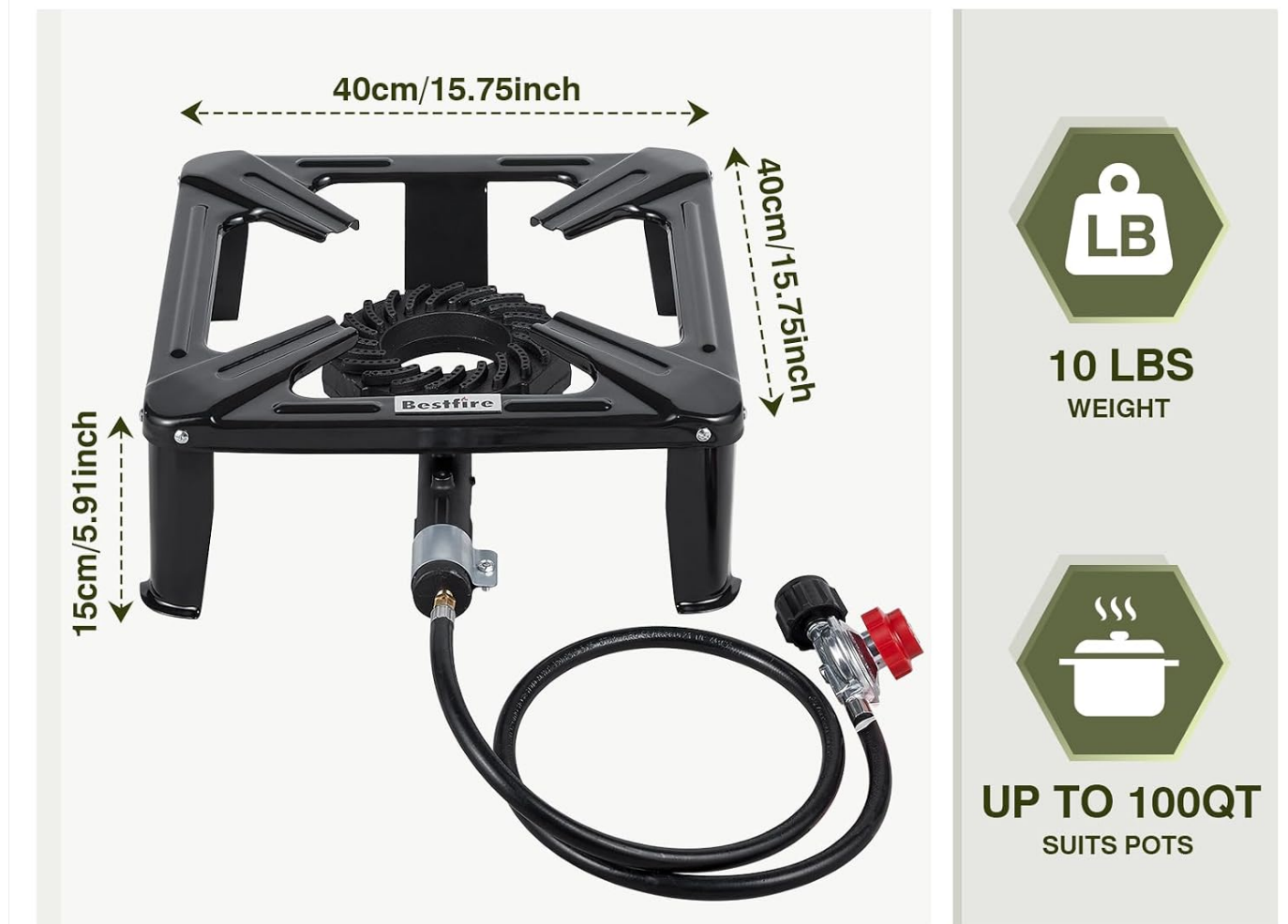


Figure 6.1: Product dimensions and key specifications.

7. WARRANTY AND SUPPORT

BESTFIRE is committed to providing high-quality products. For any product issues or inquiries, please contact our customer support team. While specific warranty details are not provided in this manual, we strive to offer satisfactory solutions for our customers.

If you received this product without an instruction manual or have any questions, please contact us immediately. We will provide an electronic instruction manual online and assist with any concerns.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question