

## Runnatal YZ-20F

# Runnatal Portable Butane Gas Stove YZ-20F Instruction Manual

Model: YZ-20F

## 1. INTRODUCTION

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Thank you for choosing the Runnatal Portable Butane Gas Stove YZ-20F. This manual provides essential information for the safe and efficient use of your gas stove. Please read it thoroughly before operation and keep it for future reference.

This portable gas stove is designed for outdoor use, offering 3300W of power for various cooking needs. Its windproof design and durable construction make it suitable for camping, trekking, picnics, and RV use.



**Image:** The Runnatal Portable Butane Gas Stove being used in different outdoor settings for various cooking activities like BBQ, boiling soup, and frying meat.

## 2. SAFETY PRECAUTIONS

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Always follow these safety guidelines to prevent accidents and ensure safe operation:

- **Outdoor Use Only:** This appliance is designed for outdoor use in well-ventilated areas. Do not use indoors, in tents, or enclosed spaces.
- **Gas Canister Compatibility:** Use only 150g, 220g, or 250g standard/international liquid butane canisters. Ensure the canister is correctly installed and sealed.
- **Ventilation:** Ensure adequate ventilation during operation to prevent carbon monoxide buildup.
- **Clearance:** Maintain a safe distance from flammable materials (at least 1 meter from walls and ceilings).
- **Stable Surface:** Place the stove on a flat, stable, non-combustible surface.
- **Cookware Size:** Do not use cookware with a diameter exceeding 24 cm to prevent overheating and potential hazards.
- **Supervision:** Never leave the operating stove unattended. Keep children and pets away.

- **Hot Surfaces:** The stove and cookware will become very hot during and after use. Allow to cool completely before handling or storing.
- **Leak Check:** Before each use, check for gas leaks. Apply soapy water to connections; bubbles indicate a leak. Do not use if a leak is detected.
- **Storage:** Store gas canisters in a cool, dry, well-ventilated area, away from direct sunlight and heat sources. Disconnect the canister from the stove before storage.
- **Explosion-Proof Rod:** The stove is equipped with an explosion-proof rod designed to prevent the gas tank from exploding under abnormal pressure. Do not tamper with this safety feature.



**Image:** An illustration demonstrating that the diameter of the pot used on the stove should not exceed 24 cm to ensure safe operation and prevent overheating.

### 3. PRODUCT COMPONENTS AND FEATURES

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Familiarize yourself with the main parts and features of your Runnatal Portable Butane Gas Stove YZ-20F.

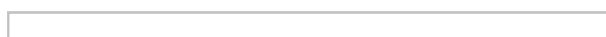


**Image:** Overview of the Runnatal Portable Butane Gas Stove YZ-20F, showing its dimensions (31 x 26.2 x 8 cm) and key specifications like 3300W power, 1.45kg weight, liquefied butane air source, temperature control pressure safety device, and electronic ignition.

- **Burner:** Features a voltage ceramic lighter and provides 3300W (2800 kcal/h) of heating power.
- **Enameled Steel Top Plate:** High-temperature and anti-corrosion resistant, with an annular solid combustion system for efficient heating.
- **Galvanized Steel Pot Rack:** Thickened for stability and durability, designed to support various cookware.
- **Air Supply Outlet:** Optimized for a powerful and consistent flame.
- **Control Knob:** For adjusting flame intensity and turning the stove ON/OFF.
- **Gas Canister Compartment:** Securely holds the butane gas canister with a magnetic installation system.
- **Explosion-Proof Rod:** A built-in thermal conductive plate and bouncing device to enhance safety by preventing gas tank overpressure.



**Image:** Detailed views of the stove's components, including the voltage ceramic lighter and burner, the enameled steel top plate with thickened pot rack, and the air supply outlet for powerful fire.



**Image:** Illustration of the explosion-proof rod mechanism, a high-temperature bouncing device designed to prevent the gas tank from exploding by releasing pressure if it becomes too high. It includes a built-in thermal conductive plate for stable firepower.

### 4. SETUP AND GAS CANISTER INSTALLATION

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Follow these steps to safely install the gas canister and prepare the stove for use.



**Image:** A detailed visual guide demonstrating the four steps for gas canister installation: 1) Turn the switch to OFF and open the bin cover. 2) Align the gas canister valve gap with the stove's connector. 3) Push the cylinder forward horizontally until it clicks. 4) Complete installation and prepare for use. Also shows compatible 150g, 220g, and 250g butane canisters.

1. **Prepare the Stove:** Ensure the control knob is in the "OFF" position. Open the gas canister compartment cover.
2. **Align Canister:** Take a compatible 150g, 220g, or 250g butane gas canister. Align the notch (gap) on the gas canister's valve with the convex part of the cylinder connector inside the stove's compartment.
3. **Insert Canister:** Push the gas canister horizontally into the compartment until you hear a distinct "click." This indicates a secure magnetic connection.
4. **Close Cover:** Close the gas canister compartment cover.
5. **Leak Check:** Before lighting, perform a leak check. Apply soapy water to the connection points. If bubbles appear, there is a leak. Disconnect the canister, re-align, and re-insert. If leaks persist, do not use the stove and contact customer service.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Lighting the Stove

1. Ensure the gas canister is correctly installed and there are no leaks.
2. Place your cookware on the pot rack. Remember, the maximum recommended cookware diameter is 24 cm.
3. Turn the control knob slowly counter-clockwise towards the "ON" position until you hear a click and the burner ignites. The stove uses piezoelectric ignition, so no external lighter is needed.
4. If the burner does not ignite on the first attempt, turn the knob back to "OFF" and try again.

### 5.2 Adjusting Flame Intensity

Rotate the control knob to adjust the flame intensity. Turning it further towards "ON" increases the flame, while turning it towards "OFF" decreases it.



**Images:** A close-up of the control knob, showing the "ON" and "OFF" positions for flame adjustment, and a close-up of the burner with a steady blue flame during operation.

### 5.3 Turning Off the Stove

1. Turn the control knob clockwise to the "OFF" position until the flame extinguishes completely.
2. Allow the stove to cool down completely before handling or storing.
3. After use, it is recommended to remove the gas canister for safe storage.

## 6. MAINTENANCE AND CARE

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Proper maintenance ensures the longevity and safe operation of your gas stove.

- **Cleaning:** After the stove has cooled, wipe the enameled steel top plate and stove body with a damp cloth. For stubborn stains, use a mild detergent. Avoid abrasive cleaners or scouring pads that could damage the electrostatic coating.

- **Burner Maintenance:** Keep the burner clean and free from food debris or blockages. Use a soft brush if necessary.
- **Storage:** Store the stove in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the gas canister is removed before storage.
- **Inspection:** Periodically inspect the gas connections and hoses for any signs of wear, damage, or leaks.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Stove does not ignite.	Gas canister not installed correctly. Empty gas canister. Ignition system malfunction.	Re-install gas canister, ensuring it clicks into place. Replace with a new gas canister. Contact customer service if ignition fails repeatedly.
Weak or inconsistent flame.	Low gas level. Partial blockage in burner. Improper gas canister connection.	Replace gas canister. Clean the burner and ensure no debris. Check gas canister installation.
Gas leak detected (smell of gas, bubbles during leak test).	Loose connection. Damaged gas canister or stove component.	Immediately turn off the stove and disconnect the gas canister. Re-check connections. If leak persists, do not use and contact customer service.
Cookware overheating.	Cookware diameter exceeds 24 cm.	Use cookware with a diameter of 24 cm or less.

If the problem persists after trying these solutions, please contact Runnatal customer service.

## 8. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Runnatal
Model Number	YZ-20F
Product Dimensions (L x W x H)	31 x 26.2 x 8 cm (12.21 x 10.32 x 3.15 inches)
Item Weight	1.44 kg (3.17 pounds)

Specification	Detail
Power Output	3300 Watts (2800 kcal/h)
Fuel Type	Butane
Applicable Gas Canisters	150g, 220g, 250g standard/international liquid butane canisters
Material	Alloy Steel (Enameled top plate, electrostatic coated body)
Ignition Method	Piezoelectric (Electronic ignition)
Safety Features	Temperature control pressure safety device, Explosion-proof rod, Magnetic canister installation
Max Cookware Diameter	24 cm
UPC	779584333476

## 9. WARRANTY AND SUPPORT

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Information regarding spare parts availability is not provided in the product details. For any questions, concerns, or support regarding your Runnatal Portable Butane Gas Stove YZ-20F, please contact Runnatal customer service. We are committed to assisting you as quickly as possible.