

## BreeRainz 12 Quart Pressure Cooker

# BreeRainz 12 Quart Aluminum Pressure Cooker User Manual

Model: 12 Quart Pressure Cooker

Brand: BreeRainz

## 1. INTRODUCTION

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Thank you for choosing the BreeRainz 12 Quart Aluminum Pressure Cooker. This manual provides essential information for the safe and efficient use, maintenance, and troubleshooting of your new appliance. Please read all instructions carefully before first use and retain this manual for future reference.

## 2. IMPORTANT SAFETY INFORMATION

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When using pressure cookers, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons. Read all instructions.

- Do not touch hot surfaces. Use handles or knobs.
- Close supervision is necessary when the pressure cooker is used near children.
- Do not place the pressure cooker in a heated oven.
- Extreme caution must be used when moving a pressure cooker containing hot liquids.
- Ensure the lid is properly closed and locked before operating. The self-locking lid system is designed for secure closure.
- Never force the lid open. Ensure all internal pressure has been released before opening.
- Do not use the pressure cooker for purposes other than its intended use.
- Regularly inspect the pressure limiting valve, safety valve, and anti-blocking cover for any obstructions or damage.
- The pressure cooker is equipped with multiple safety features including a pressure sensor, working valve, safety valve, and safety window to prevent excessive pressure build-up.

## 3. PRODUCT OVERVIEW AND FEATURES

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The BreeRainz 12 Quart Pressure Cooker is constructed from durable aluminum-manganese-titanium alloy, designed for efficient and safe cooking.

## Key Components:

- **Pot:** The main cooking vessel.
- **Lid:** Features pressure valves and a locking mechanism.
- **Heat-Resistant Handles:** Ergonomically designed for comfortable and secure handling.
- **Pressure Limiting Valve:** Regulates internal pressure during cooking.
- **Safety Valve:** An additional safety mechanism to release excess pressure.
- **Anti-Plug and Anti-Blocking Cover:** Prevents food particles from blocking the exhaust pipe.
- **Safety Pressure Relief Window:** Designed to release pressure if other safety mechanisms fail.
- **Sealing Ring:** Creates an airtight seal between the lid and the pot.

## Material and Construction:

The pressure cooker is made of aluminum-manganese-titanium alloy, ensuring high rust resistance and durability. This material promotes uniform heating and is easy to clean.



Image: BreeRainz 12 Quart Pressure Cooker construction showing aluminum-manganese-titanium alloy material layers for uniform heating and easy cleaning.

## Safety Features Overview:



Image: Detailed view of BreeRainz 12 Quart Pressure Cooker safety features: heat-resistant handle, safety pressure limiting valve, anti-plug and anti-blocking cover, and safety pressure relief window.

## 4. SETUP AND ASSEMBLY

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Your BreeRainz Pressure Cooker may require minor assembly of the handles before first use. The necessary screws are typically found within the handle components.

### Handle Assembly:

1. Locate the handles and the screws. The screws are usually placed inside the handle for shipping.
2. Align the handle with the designated attachment points on the pot or lid.
3. Insert the screws and tighten them securely with a screwdriver. Ensure the handles are firm and do not wobble.

For a visual guide on assembly, please refer to the following video:

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Video: Assembly instructions for the BreeRainz 12L Pressure Cooker, demonstrating how to attach the handles and secure the lid.

## Initial Cleaning:

Before first use, wash all parts of the pressure cooker (pot, lid, sealing ring, and valves) with warm, soapy water. Rinse thoroughly and dry completely.

## 5. OPERATING INSTRUCTIONS

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### Filling the Pressure Cooker:

- Add food and liquid to the pot. Do not fill more than two-thirds full for most foods, and no more than half full for foods that expand (e.g., beans, rice).
- Ensure the sealing ring is properly seated inside the lid.

### Closing and Locking the Lid:

1. Place the lid on the pot, aligning the handles.
2. **Important:** Press down on the lid to expel any excess air from the pan.
3. Turn the handle to engage the self-locking mechanism, ensuring the lid is tightly sealed.



Image: Press the lid to expel excess air, then turn the handle to lock the lid tightly.

### Cooking Process:

- Place the pressure cooker on a stovetop. The BreeRainz 12 Quart Pressure Cooker is compatible with various stovetops.
- Heat the cooker over medium-high heat. As pressure builds, the pressure limiting valve will begin to release steam.
- Once the desired pressure (63 to 77 KPa, or 11.2 PSI) is reached, reduce heat to maintain a steady, gentle release of steam.
- Cook for the recommended time for your recipe. Pressure cooking can prepare food up to 70% faster than conventional methods, while retaining valuable nutrients and flavor.



Image: BreeRainz 12 Quart Pressure Cooker on a stovetop, illustrating faster and nutritious cooking with 63-77 KPa high pressure.



Image: Example cooking times for various foods in a pressure cooker.

### Depressurizing and Opening:

- **Natural Release:** Remove the cooker from heat and allow pressure to drop naturally. This is suitable for foods that benefit from additional cooking time.
- **Quick Release:** For faster depressurization, carefully release steam by manipulating the pressure limiting valve. Use caution as hot steam will escape.
- Only open the lid once all pressure has been released and the pressure indicator has dropped.

## 6. MAINTENANCE AND CLEANING

Proper maintenance ensures the longevity and safe operation of your pressure cooker.

- **Cleaning:** After each use, wash the pot and lid with warm, soapy water. Rinse thoroughly and dry immediately to prevent water spots or tarnishing.
- **Note:** This pressure cooker is **not dishwasher safe**. Hand washing is recommended.
- **Sealing Ring:** Remove the sealing ring from the lid for cleaning. Wash it separately and ensure it is clean and flexible. Replace if it becomes cracked, stiff, or damaged.
- **Valves:** Clean the pressure limiting valve and safety valve to ensure they are free from food debris and can

operate correctly. The anti-plug and anti-blocking cover should also be cleaned to prevent blockages.

- **Storage:** Store the pressure cooker with the lid inverted on the pot to allow air circulation and prevent odors.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Pressure not building or steam escaping from lid edges.	Lid not properly sealed; sealing ring damaged or dirty; insufficient liquid.	Ensure lid is locked correctly. Check sealing ring for damage or proper placement. Add more liquid if necessary.
Lid is difficult to open after cooking.	Residual pressure inside.	Ensure all pressure has been released. Do not force the lid. If necessary, run cold water over the lid (avoiding valves) to cool and release pressure.
Handles feel loose.	Screws may have loosened over time.	Tighten the screws on the handles. Refer to the assembly instructions in Section 4.
Food is undercooked.	Insufficient cooking time or pressure.	Increase cooking time or ensure proper pressure is maintained throughout the cooking cycle.
Discoloration or tarnishing of the pot.	Reaction to certain foods or minerals in water; improper cleaning.	Clean immediately after use. For stubborn stains, use a non-abrasive cleaner suitable for aluminum cookware. Avoid harsh chemicals.

## 8. SPECIFICATIONS

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Detailed specifications for your BreeRainz 12 Quart Pressure Cooker:

## Specification:

### + Included



Height Without Lid: 7 inch

Caution.  The included screws are placed in the handle. You only need to remove the screws on the handle to install it

Main Material: **Aluminum**  
Liquid Capacity: **12 Quart**

### Lid Size



### Pot Size



Image: Specifications and included items for the BreeRainz 12 Quart Pressure Cooker.

- **Brand:** BreeRainz
- **Capacity:** 11 Liters (12 Quarts)
- **Material:** Aluminum
- **Finish Type:** Titanium
- **Product Dimensions:** 19.7"D x 10.8"W x 9.8"H
- **Special Feature:** Locking Lid
- **Item Weight:** 5.5 Pounds
- **Control Method:** Touch
- **Operation Mode:** Automatic
- **Dishwasher Safe:** No
- **Working Pressure:** 9.14-11.2 PSI
- **Safety Pressure:** 14.2-20.3 PSI
- **Relief Pressure:** 20.3-35.5 PSI
- **Breaking Pressure:**  $\geq 72.5$  PSI

## 9. WARRANTY AND SUPPORT

BreeRainz is committed to providing high-quality products and excellent customer service. If you encounter any issues, have questions, or require assistance with your 12 Quart Aluminum Pressure Cooker, please contact our customer support team.

Please refer to your purchase documentation or the BreeRainz official website for specific warranty details and contact information.