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› [TOYOTOMI RS-G2424 Kerosene Stove Instruction Manual](#)

TOYOTOMI RS-G2424

TOYOTOMI RS-G2424 Kerosene Stove Instruction Manual

Model: RS-G2424 | Brand: TOYOTOMI

1. INTRODUCTION

This instruction manual provides important information for the safe and efficient operation, maintenance, and troubleshooting of your TOYOTOMI RS-G2424 kerosene stove. Please read this manual thoroughly before using the appliance and keep it for future reference. Proper use ensures optimal performance and safety.

2. SAFETY INFORMATION

Always follow these basic safety precautions to reduce the risk of fire, electric shock, and injury.

- **Ventilation:** Ensure adequate ventilation when operating the stove to prevent carbon monoxide buildup. Do not use in unventilated areas.
- **Fuel:** Use only **kerosene** as fuel. Never use gasoline, benzene, or other flammable liquids.
- **Placement:** Place the stove on a firm, level surface away from flammable materials such as curtains, furniture, and paper. Maintain a safe distance from walls and other objects.
- **Children and Pets:** Keep children and pets away from the stove during operation and while it is cooling down.
- **Refueling:** Always turn off the stove and allow it to cool completely before refueling. Refuel outdoors or in a well-ventilated area.
- **Moving the Stove:** Do not move the stove while it is operating or still hot.
- **Automatic Shut-off:** The stove is equipped with an anti-earthquake automatic extinguishing device and a refueling extinguishing device. Do not tamper with these safety features.

3. PRODUCT OVERVIEW

The TOYOTOMI RS-G2424 is a reflective kerosene stove designed for efficient heating with several safety and convenience features.

Key Features:

- **Battery-Free Manual Ignition:** No dry batteries or lighters are needed. Ignition is achieved by turning a lever 1-2 times, making it reliable during power outages.
- **Odor-Save Extinguishing:** Designed to burn off unburnt gas during shut-off, significantly reducing

unpleasant odors.

- **Multi-Surface Reflective Panel:** A wavy reflective panel ensures heat is diffused evenly and efficiently throughout the room.
- **Spill-Proof Stopper:** A shut-off valve inside the tank prevents kerosene leakage even if the refueling cap is accidentally detached.
- **Easy 2-Lock Refueling Cap:** Provides secure locking with both tactile feedback and an audible click. A red line disappears when securely fastened.
- **Refueling Indicator:** The tank features a color-coded indicator to show the remaining kerosene level.
- **Safety Devices:** Includes an anti-earthquake automatic extinguishing device and an automatic extinguishing device during refueling.

Product Components:

Familiarize yourself with the main parts of your stove:



Figure 3.1: The TOYOTOMI RS-G2424 Kerosene Stove, highlighting the refueling cap with its Easy 2-Lock system. The red line on the cap indicates if it is properly secured.

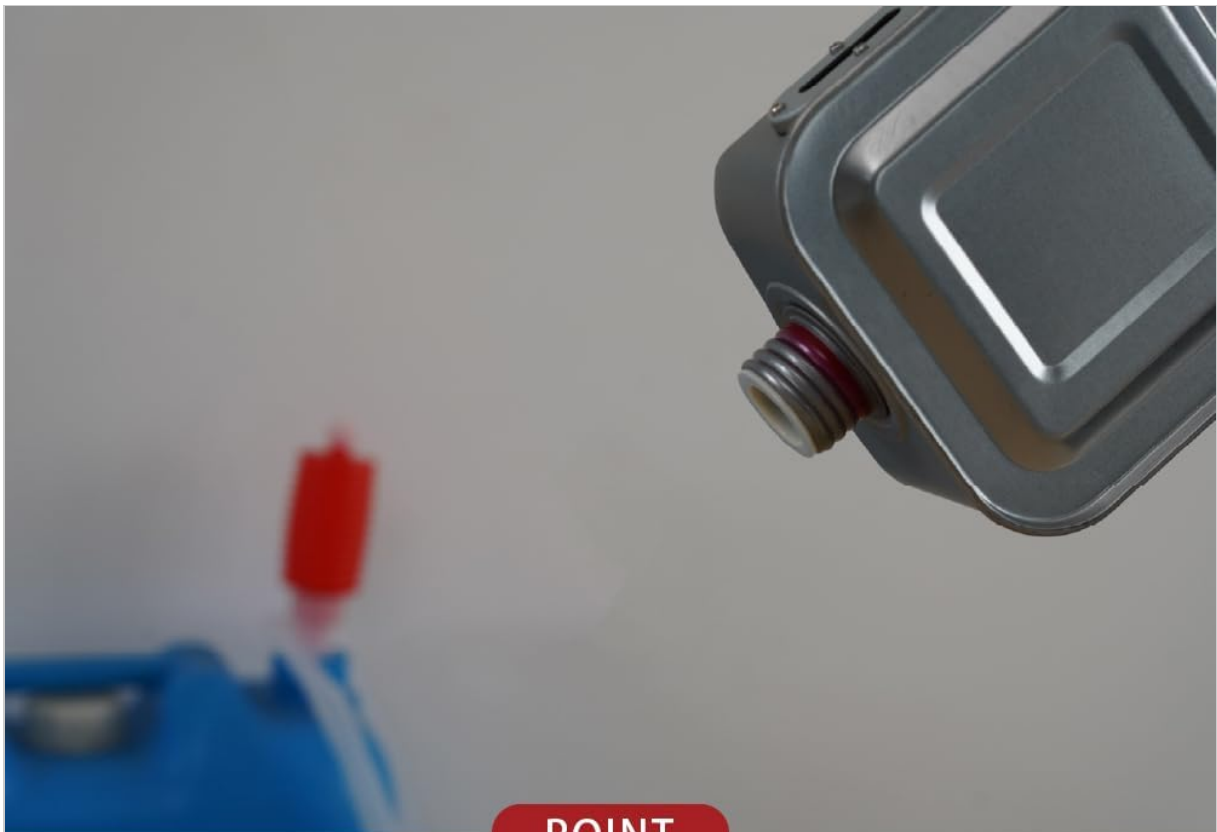


POINT

手・耳・音でチェック

キャップの締めりは手ごたえとカチッと音で分かります。
赤い線が見えなくなるまで締めれば OK

Figure 3.2: Close-up view of the multi-surface reflective panel inside the stove. This wavy design helps to distribute heat efficiently and evenly.



POINT

逆止弁で灯油漏れを防止

キャップの締め忘れやゆるみがあるままひっくり返しても
灯油がこぼれにくい逆止弁を採用

※キャップはしっかり締めてください。全く灯油がこぼれないというわけではありません。

Figure 3.3: Detail of the spill-proof stopper mechanism on the fuel tank. This valve prevents kerosene leakage if the cap is removed or loose.

4. SETUP

4.1 Unpacking

1. Carefully remove the stove from its packaging.
2. Remove all packing materials, including any protective films or tapes.
3. Inspect the stove for any damage that may have occurred during shipping. If damaged, do not use and contact your retailer.

4.2 Placement

- Place the stove on a stable, non-combustible, and level surface.
- Ensure there is sufficient clearance from walls, furniture, curtains, and other flammable objects. A minimum distance of 30 cm (12 inches) from all sides is recommended.
- Do not place the stove in direct drafts or near exits where it could be easily knocked over.
- Ensure the room has adequate ventilation.

4.3 Fueling

Only use **clean, clear kerosene**. Never use old, contaminated, or alternative fuels.

1. Ensure the stove is turned off and completely cool.
2. Unscrew the refueling cap from the fuel tank.
3. Carefully pour kerosene into the tank using a funnel, observing the refueling indicator. Do not overfill.
4. Securely screw the refueling cap back on. Ensure the Easy 2-Lock system engages with a click and the red line is no longer visible.
5. Wipe up any spilled kerosene immediately.

5. OPERATING INSTRUCTIONS

5.1 Ignition (Battery-Free Manual Ignition)

1. Ensure the fuel tank is filled with kerosene and the cap is securely fastened.
2. Turn the ignition lever 1 to 2 times. This action generates a spark to ignite the wick.
3. Confirm that the wick is lit and a stable flame is present.

5.2 Adjusting Heat Output

The heat output can be adjusted by raising or lowering the wick. Refer to the control knob or lever on your stove for specific adjustments.

- Turn the control knob/lever clockwise to lower the wick and decrease heat.
- Turn the control knob/lever counter-clockwise to raise the wick and increase heat.
- Avoid setting the flame too high, as this can lead to incomplete combustion and soot.

5.3 Extinguishing the Stove

To turn off the stove, use the designated extinguishing lever or button. The Odor-Save Extinguishing feature will activate to minimize residual odors.

1. Push or turn the extinguishing lever/button to the 'OFF' position.
2. The flame will retract and extinguish. Allow the stove to cool down completely before handling or moving.

5.4 Refueling Indicator

The refueling indicator on the tank changes color to alert you when the kerosene level is low. Refuel promptly when indicated to avoid the stove running out of fuel during operation.

5.5 Safety Shut-off Features

- **Anti-Earthquake Automatic Extinguishing Device:** In the event of an earthquake or significant impact, the stove will automatically shut off to prevent hazards.
- **Refueling Extinguishing Device:** For added safety, the stove will automatically extinguish if the refueling cap is opened during operation.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your stove.

6.1 Cleaning

- **Exterior:** Wipe the exterior of the stove with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Reflective Panel:** Gently clean the reflective panel with a soft, dry cloth to maintain its efficiency. Ensure the

stove is cool before cleaning.

- **Dust:** Periodically remove dust from air inlets and outlets to ensure proper airflow.

6.2 Wick Care

The wick is a consumable part and requires occasional maintenance or replacement.

- **Wick Cleaning:** If the wick becomes hardened or uneven, it may affect combustion. Consult the full product manual for detailed wick cleaning or trimming instructions.
- **Wick Replacement:** If the wick is severely worn or damaged, it must be replaced. Use only genuine TOYOTOMI replacement wicks.

6.3 Storage

When storing the stove for an extended period:

1. Ensure the stove is completely cool and empty the fuel tank.
2. Clean the stove thoroughly.
3. Store in a dry, cool place, away from direct sunlight and out of reach of children.

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.	No kerosene in tank, wick too low, ignition lever not turned sufficiently, wick hardened.	Check kerosene level and refill. Raise wick. Turn ignition lever 1-2 times firmly. Clean or replace wick.
Flame is weak or uneven.	Low kerosene level, wick needs cleaning/trimming, poor quality kerosene.	Refill tank. Clean or trim wick. Use fresh, clean kerosene.
Excessive odor during operation or extinguishing.	Incomplete combustion, old/contaminated kerosene, wick issues, insufficient ventilation.	Ensure proper ventilation. Use fresh kerosene. Clean or replace wick.
Stove shuts off unexpectedly.	Earthquake/impact detected, refueling cap opened, kerosene ran out.	This is a safety feature. Check for external factors. Refill kerosene. Ensure cap is secure.

If the problem persists after attempting these solutions, please contact TOYOTOMI customer support or a qualified service technician.

8. SPECIFICATIONS

Model Number	RS-G2424
Heating Output	2.35 kW ~ 2.00 kW
Applicable Room Size (Wooden/Detached)	Up to 6 tatami (10.0)

Applicable Room Size (Concrete/Collective)	Up to 9 tatami (15.0)
Tank Capacity	3.6 Liters
Continuous Burning Time	Approx. 15.8 to 18.6 hours (Max to Min burn)
Dimensions (H x W x D)	453 mm x 428 mm x 315 mm (including base)
Weight	Approx. 7.5 kg
Color	White
Ignition Method	Battery-Free Manual Ignition (Lever Type)
Safety Features	Anti-Earthquake Automatic Extinguishing, Refueling Automatic Extinguishing, Spill-Proof Stopper

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Warranty terms and conditions are typically provided with your product at the time of purchase. Please refer to the warranty card or documentation included in the product packaging for details regarding coverage, duration, and claims procedures. Keep your proof of purchase for warranty validation.

9.2 Customer Support

For technical assistance, spare parts, or any inquiries not covered in this manual, please contact TOYOTOMI customer support. You can usually find contact information on the TOYOTOMI official website or on the product packaging.

When contacting support, please have your product model number (RS-G2424) and purchase date ready.