

## SAMSUNG RT46K6261S8/AZ

# Samsung RT46K6261S8/AZ Refrigerator User Manual

Model: RT46K6261S8/AZ

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your new Samsung RT46K6261S8/AZ refrigerator. Please read these instructions thoroughly before using the appliance and keep them for future reference. This refrigerator features a 453-liter capacity, Frost Free technology, and a Digital Inverter compressor for optimal performance and energy efficiency.

## 2. SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury when using your refrigerator, follow these basic precautions:

- Ensure the refrigerator is properly grounded.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Unplug the refrigerator before cleaning or performing any maintenance.
- Keep ventilation openings clear of obstruction.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## 3. PRODUCT OVERVIEW

The Samsung RT46K6261S8/AZ is a two-door top-freezer refrigerator designed for efficient food preservation. Key features include:

- **Twin Cooling Plus:** Independent cooling systems for the refrigerator and freezer to maintain optimal humidity and prevent odor mixing.
- **Digital Inverter Compressor:** Adjusts its speed in response to cooling demand, reducing wear and tear, and

lowering energy consumption.

- **Frost Free Technology:** Prevents ice buildup, eliminating the need for manual defrosting.
- **5 Conversion Modes:** Allows flexible use of the freezer compartment, converting it to a refrigerator when needed, or turning it off for energy saving.
- **Easy Slide Shelf:** A convenient shelf that slides out for easy access to items at the back.
- **Fresh Room:** A dedicated compartment for delicate items requiring specific temperature control.
- **LED Lighting:** Bright and energy-efficient interior illumination.



Figure 1: Front view of the Samsung RT46K6261S8/AZ refrigerator, showcasing its stainless steel finish and two-door design.



Figure 2: Angled view of the Samsung RT46K6261S8/AZ refrigerator, highlighting its sleek design and recessed handle.



Figure 3: Interior view of the Samsung RT46K6261S8/AZ refrigerator, showing the spacious compartments, tempered glass shelves, and door bins in both the refrigerator and freezer sections.

## 4. SETUP AND INSTALLATION

### 4.1 Unpacking

Remove all packaging materials, including tape and protective films. Dispose of packaging responsibly. Check for any damage during transit.

### 4.2 Placement

- Place the refrigerator on a firm, level floor.
- Allow adequate space around the appliance for proper ventilation (at least 5 cm on sides and back, 10 cm at top).

- Avoid direct sunlight or proximity to heat sources like stoves or heaters.
- Ensure the ambient temperature is suitable for the appliance's climate class.

### 4.3 Leveling

Adjust the leveling feet at the bottom of the refrigerator to ensure it is stable and level. This prevents vibrations and ensures proper door sealing.

### 4.4 Power Connection

Connect the power cord to a dedicated 110V grounded electrical outlet. Do not use extension cords or adapters. Wait at least 2-3 hours before plugging in the refrigerator after moving it to allow the refrigerant to settle.

### 4.5 Initial Cleaning

Before storing food, clean the interior of the refrigerator with a mild detergent and warm water. Wipe dry thoroughly.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Control Panel

The external control display allows you to adjust settings without opening the doors. Refer to the icons on the display for specific functions.

### 5.2 Temperature Settings

- **Refrigerator Temperature:** Press the 'Fridge' button on the control panel to cycle through available temperature settings. Recommended setting is 3°C (37°F).
- **Freezer Temperature:** Press the 'Freezer' button to adjust the freezer temperature. Recommended setting is -18°C (0°F).

### 5.3 Special Functions

- **Power Cool:** Activates rapid cooling in the refrigerator compartment. Useful for quickly chilling newly added items. Press the 'Power Cool' button to activate/deactivate.
- **Power Freeze:** Activates rapid freezing in the freezer compartment. Ideal for quickly freezing large quantities of food. Press the 'Power Freeze' button to activate/deactivate.
- **Twin Cooling Plus (5 Conversion Modes):** This feature allows you to optimize storage space.
  1. **Normal Mode:** Refrigerator and Freezer operate as standard.
  2. **Energy Saving Mode:** Freezer compartment is turned off.
  3. **Vacation Mode:** Refrigerator compartment is turned off, freezer operates normally.
  4. **Fridge Max Mode:** Freezer compartment converts to a refrigerator for extra fresh food storage.
  5. **Mini Fridge Mode:** Freezer compartment converts to a refrigerator, and the main refrigerator compartment is turned off.

To change modes, press and hold the 'Freezer Convert' button on the external display and select the desired mode.

### 5.4 Interior Features

- **Easy Slide Shelf:** Pull the shelf forward to easily access items stored at the back.
- **Fresh Room:** Use this compartment for items that require slightly cooler temperatures than the main refrigerator, such as dairy or deli meats.
- **Twist Ice Maker:** Fill the ice trays with water, allow them to freeze, then twist the knob to release ice into the storage bin.

- **Anti-odor Filter:** Helps to reduce unpleasant odors inside the refrigerator.

## 6. MAINTENANCE AND CLEANING

### 6.1 General Cleaning

- Always unplug the refrigerator before cleaning.
- Clean the interior and exterior surfaces regularly with a soft cloth and a mild, non-abrasive detergent.
- For stainless steel surfaces, use a specialized stainless steel cleaner and polish in the direction of the grain.
- Wipe door seals with a damp cloth to ensure they remain clean and flexible.
- The Frost Free feature eliminates the need for manual defrosting of the freezer.

### 6.2 Cleaning Drawers and Shelves

Remove drawers and shelves for thorough cleaning. Wash them with warm soapy water, rinse, and dry completely before returning them to the refrigerator.

### 6.3 Condenser Coils

Periodically clean the condenser coils at the back or bottom of the refrigerator using a vacuum cleaner or brush. This improves efficiency and extends the appliance's lifespan.

## 7. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause / Solution
Refrigerator not cooling	Check if the power cord is securely plugged in. Ensure the temperature settings are correct. Check for obstructions in air vents.
Unusual noises	Ensure the refrigerator is level. Check if any items inside are vibrating against each other. Normal operating sounds include compressor hum, fan noise, and refrigerant flow.
Water on the floor	Check if the drain hose is clogged or dislodged. Ensure the water collection tray is correctly positioned.
Door not closing properly	Check for obstructions preventing the door from closing. Ensure door seals are clean and intact. Level the refrigerator if necessary.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Samsung
Model	RT46K6261S8/AZ
Total Capacity	453 Liters
Refrigerator Capacity	342 Liters

Feature	Specification
Freezer Capacity	111 Liters
Dimensions (W x D x H)	730 x 700 x 1820 mm (approx. 73 x 70 x 182 cm)
Weight	78 kg
Defrost Type	Frost Free
Compressor Type	Digital Inverter Compressor
Refrigerant	R-600a
Energy Efficiency	Procel Seal A
Shelves Material	Tempered Glass
Color	Inox Look (Stainless Steel)
Voltage	110V

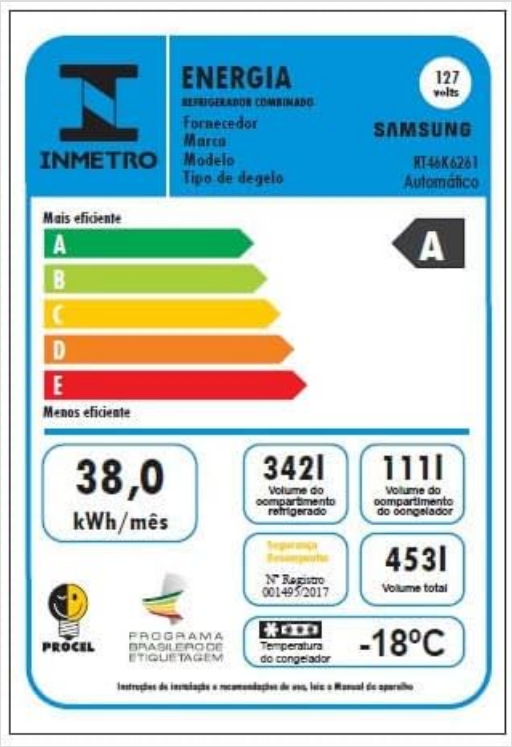
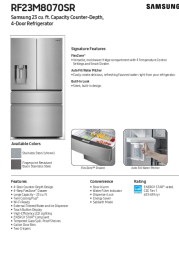


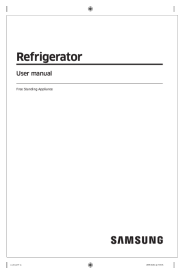




Figure 4: Energy efficiency label for the Samsung RT46K6261S8/AZ refrigerator, indicating its Procel Seal A rating and monthly energy consumption.

## 9. WARRANTY AND SUPPORT

Your Samsung refrigerator is covered by a limited warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, service requests, or to purchase genuine Samsung parts, please contact Samsung Customer Service in your region. Keep your proof of purchase for warranty claims.

## Related Documents - RT46K6261S8/AZ

	<p><a href="#">Samsung RF23M8070SR 23 cu. ft. Counter-Depth 4-Door Refrigerator: Features, Specs &amp; Installation</a></p> <p>Comprehensive details for the Samsung RF23M8070SR 23 cu. ft. counter-depth 4-door refrigerator, covering signature features like FlexZone™ and Auto Fill Water Pitcher, detailed specifications, installation guidelines, dimensions, capacity, warranty, and energy rating.</p>
	<p><a href="#">Samsung Refrigerator User Manual: Installation, Operation, and Safety</a></p> <p>Comprehensive user manual for Samsung refrigerators, detailing safe installation, efficient operation, maintenance, and troubleshooting for optimal performance.</p>
	<p><a href="#">Samsung RF261B/RF260B/RF26HFP Refrigerator User Manual</a></p> <p>Comprehensive user manual for Samsung RF261B, RF260B, and RF26HFP series refrigerators. Includes safety instructions, installation guides, operating procedures, and troubleshooting tips.</p>
	<p><a href="#">Samsung Refrigerator User Manual</a></p> <p>Comprehensive user manual for Samsung refrigerators, covering safety instructions, installation guides, operation details, maintenance procedures, and troubleshooting tips. Includes information on smart features like SmartThings and AI Vision Inside.</p>
	<p><a href="#">Samsung Bespoke Refrigerator Installation Guide</a></p> <p>A comprehensive installation guide for Samsung's Bespoke Refrigerator, detailing features, available configurations, and important considerations for setup and integration.</p>
	<p><a href="#">Samsung Side-By-Side Refrigerator User Manual: RS25H5121, RS25H5111</a></p> <p>Official user manual for Samsung Side-By-Side Refrigerators (RS25H5121**, RS25H5111**). Includes installation, operation, maintenance, and troubleshooting guides.</p>



