

## Samsung RT42C5532S8/HL

# Samsung 385L Inverter Frost-Free Convertible Refrigerator User Manual

Model: RT42C5532S8/HL

## 1. IMPORTANT SAFETY INFORMATION

Before operating this appliance, read this user manual thoroughly and retain it for future reference. Follow all safety warnings and instructions to prevent electric shock, fire, injury, or damage to the product.

- Ensure the refrigerator is properly grounded.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- Keep ventilation openings clear of obstruction.
- Do not damage the refrigerant circuit.
- This appliance is intended for household use only.

## 2. SETUP AND INSTALLATION

### 2.1 Unpacking and Placement

Carefully remove all packaging materials. Ensure no parts are missing or damaged. Place the refrigerator on a firm, level floor away from direct sunlight, heat sources, and moisture. Allow adequate space around the appliance for proper ventilation (at least 5 cm on sides and back, 10 cm on top).

### 2.2 Dimensions and Weight

- **Item Dimensions (LxWxH):** 66.8 x 67.5 x 178.5 Centimeters
- **Item Weight:** 69 kg





178.5 cm

66.8 cm

Figure 2.2.1: Refrigerator dimensions for proper placement.

## 2.3 Leveling the Refrigerator

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

## 2.4 Power Connection

Connect the power cord to a dedicated 220 Volt AC outlet. The refrigerator features Stabilizer Free Operation within a range of 100V to 300V, protecting it from voltage fluctuations.



Figure 2.4.1: Stabilizer Free Operation protects the refrigerator from voltage fluctuations.

## 2.5 Initial Operation

After connecting power, allow the refrigerator to operate for at least 2-3 hours before storing food. This allows the internal temperature to stabilize.

## 3. OPERATING INSTRUCTIONS

This refrigerator is designed for efficient food preservation with various features to enhance usability.





Figure 3.0.1: Interior view of the refrigerator with food items.

### 3.1 5-in-1 Convertible Modes

The refrigerator offers five convertible modes to optimize storage based on your needs. These modes are controlled via the external display panel.





Figure 3.1.1: Control panel for selecting convertible modes.

- **Normal Mode:** Standard refrigeration and freezing.



Figure 3.1.2: Normal Mode operation.

- **Seasonal Mode:** Freezer off, refrigerator active. Ideal for seasonal use when less freezing is needed.

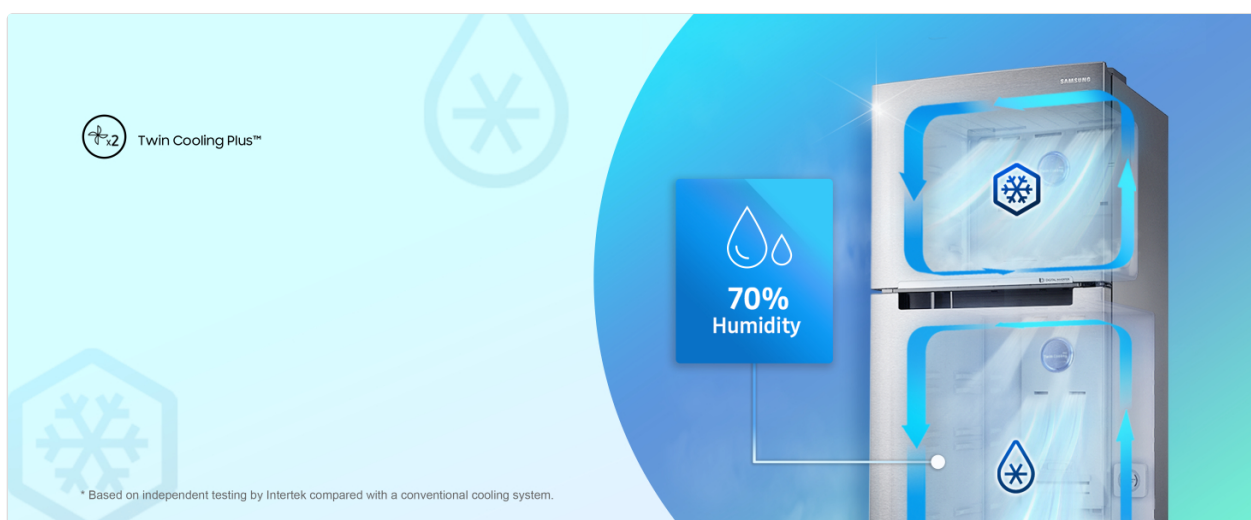


Figure 3.1.3: Seasonal Mode operation.

- **Extra Fridge Mode:** Freezer converts to an additional refrigerator compartment.



Figure 3.1.4: Extra Fridge Mode operation.

- **Vacation Mode:** Refrigerator off, freezer active. Suitable when you are away and only need to keep frozen items.



Figure 3.1.5: Vacation Mode operation.

- **Home Alone Mode:** Freezer converts to an additional refrigerator compartment, and the main refrigerator compartment is off.



Figure 3.1.6: Home Alone Mode operation.

## 3.2 Power Cool and Power Freeze Functions

- **Power Cool:** Rapidly cools the refrigerator compartment. Useful for quickly chilling newly added groceries or

beverages.



Figure 3.2.1: Power Cool function in action.

- **Power Freeze:** Rapidly freezes items in the freezer compartment. Ideal for making ice quickly or freezing fresh food.



Figure 3.2.2: Power Freeze function in action.

### 3.3 Temperature Control

Adjust the temperature settings for both the refrigerator and freezer compartments using the digital display panel on the exterior of the door. Refer to the display for current temperature readings and mode selections.

### 3.4 MoistFresh Zone

The MoistFresh Zone is a specially designed drawer that adjusts the moisture level to maintain optimal humidity for perishable foods like fruits and vegetables, keeping them fresh longer.





Figure 3.4.1: MoistFresh Zone for optimal humidity control.

### 3.5 Deodorizer

The built-in Deodorizer filter helps prevent odors from mixing between compartments and keeps the interior smelling fresh. This feature ensures food items retain their original taste and aroma.



Figure 3.5.1: Deodorizing Filter location.

### 3.6 Door Alarm

An audible alarm will sound if the refrigerator door is left open for an extended period, helping to conserve energy and maintain internal temperatures.





Figure 3.6.1: Door Alarm notification.

### 3.7 Movable Ice Maker

The freezer compartment includes a Movable Ice Maker for convenient ice production. It can be repositioned or removed to create more space as needed.



Figure 3.7.1: Movable Ice Maker.

### 3.8 Other Features

- **Twin Cooling Plus:** Independent cooling systems for the fridge and freezer maintain optimal humidity and prevent odor mixing.



Figure 3.8.1: Twin Cooling Plus technology.

- **Digital Inverter Compressor:** Provides energy efficiency, reduced noise, and long-lasting performance.



Figure 3.8.2: Benefits of Digital Inverter Technology.

- **Smart Connect Inverter:** Automatically connects to your home inverter during power outages.



Figure 3.8.3: Smart Connect Inverter feature.

- **Toughened Glass Shelves:** Durable shelves capable of holding heavy items up to 175kg.



Figure 3.8.4: Toughened Glass Shelves.

- **Tall Bottle Guard:** Deep door bins designed to accommodate large bottles and containers.



Figure 3.8.5: Tall Bottle Guard.

- **Fresh Room:** A dedicated compartment for delicate items like dairy or deli meats.



Figure 3.8.6: Fresh Room compartment.

## 4. MAINTENANCE

### 4.1 Cleaning the Refrigerator



Regular cleaning helps maintain hygiene and efficiency. Always unplug the refrigerator before cleaning.

- **Interior:** Wipe with a soft cloth dampened with a mild detergent solution. Rinse with clean water and dry thoroughly. Remove shelves and drawers for easier cleaning.
- **Exterior:** Clean the exterior surfaces with a soft, damp cloth. For stainless steel finishes, use a specialized stainless steel cleaner.
- **Door Gaskets:** Clean the door gaskets regularly with a mild detergent and water to ensure a tight seal.

### 4.2 Frost-Free System

This refrigerator features a Frost-Free defrost system, which automatically prevents ice buildup in the freezer compartment. Manual defrosting is not required.

### 4.3 Deodorizer Filter Maintenance

The deodorizer filter typically does not require replacement. If odors persist, ensure the refrigerator is clean and food items are properly sealed.

## 5. TROUBLESHOOTING

If you encounter issues with your refrigerator, refer to the following common problems and solutions before contacting service.

Problem	Possible Cause	Solution
Refrigerator not cooling	Power outage; temperature setting too high; door not closed properly; obstructed ventilation.	Check power supply; adjust temperature; ensure door is sealed; clear vents.
Unusual noise	Refrigerator not level; items vibrating inside; compressor noise (normal).	Level the appliance; rearrange items; compressor noise is normal during operation.
Water leakage	Drain hose clogged; door gasket not sealing.	Clear drain hose; clean or adjust door gasket.
Door alarm sounds frequently	Door not fully closed; door gasket dirty or damaged.	Ensure door is closed; clean or inspect door gasket.

If the problem persists after attempting these solutions, please contact Samsung customer service for assistance.

## 6. SPECIFICATIONS

Feature	Specification
Brand	Samsung
Model	RT42C5532S8/HL
Capacity	385 litres

Feature	Specification
Refrigerator Fresh Food Capacity	297 litres
Freezer Capacity	88 Litres
Energy Rating	2 Star
Noise Level	40 Decibels
Installation Type	Free Standing
Form Factor	Convertible
Special Features	Inverter Compressor, Twin Cooling Plus, 5-in-1 Convertible Modes, Power Cool, Power Freeze, MoistFresh Zone, Deodorizer, Door Alarm, Movable Ice Maker, Anti Bacterial Gasket, LED Light
Colour	Elegant Inox
Voltage	220 Volts
Number of Drawers	1 (MoistFresh Zone)
Defrost System	Frost Free
Door Orientation	Left
Door Material	Stainless Steel
Shelf Type	Toughened Glass
Number of Shelves	2
Certification	Energy Star
Material	Stainless Steel
Item Weight	69 kg
Item Dimensions (LxWxH)	66.8 x 67.5 x 178.5 Centimeters
Included Components	1 Refrigerator Unit, 1 User Manual, Warranty Card

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

This Samsung refrigerator comes with a **1-year warranty** on the entire unit and a **20-year warranty** on the Digital Inverter Compressor. Please refer to the included Warranty Card for detailed terms and conditions.

### 7.2 Customer Support

For technical assistance, service requests, or any inquiries regarding your Samsung refrigerator, please contact

Samsung customer service. Contact details can be found on the warranty card or the official Samsung website.