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› Samsung RT38A5930BS Refrigerator User Manual

## Samsung RT38A5930BS

# Samsung RT38A5930BS Refrigerator User Manual

Model: RT38A5930BS

## 1. PRODUCT OVERVIEW

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Thank you for purchasing the Samsung RT38A5930BS Refrigerator. This 14 cubic feet appliance, finished in graphite, is designed to provide efficient and reliable food preservation. It features advanced technologies such as Twin Cooling Plus and a multi-flow air system to maintain optimal conditions for your food. The intuitive LED display on the door allows for easy control and monitoring of settings.



Figure 1.1: Front view of the Samsung RT38A5930BS Refrigerator with water dispenser.

## 2. SAFETY INFORMATION

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Before operating your new refrigerator, please read all safety instructions carefully to prevent personal injury or property damage. Keep this manual for future reference.

### 2.1 Electrical Safety

- Ensure the refrigerator is connected to a grounded 127 Volt AC outlet.
- Do not use extension cords or ungrounded adapters.
- Never unplug the appliance by pulling the power cord. Always grasp the plug firmly.

### 2.2 Installation Safety

- Install the refrigerator on a firm, level surface.
- Allow adequate clearance around the appliance for proper ventilation (refer to Section 3.2).
- Keep packaging materials out of reach of children.

### 2.3 General Safety

- Do not store explosive substances such as aerosol cans with flammable propellants in this appliance.
- Do not allow children to play with or inside the refrigerator.
- Avoid touching cold surfaces with wet hands to prevent frostbite.

## 3. SETUP

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Proper setup ensures optimal performance and longevity of your refrigerator.

### 3.1 Unpacking

- Remove all packaging materials, including tape and protective films.
- Inspect the refrigerator for any shipping damage. Report any damage immediately to your retailer.

### 3.2 Placement and Leveling

- Place the refrigerator on a flat, stable floor away from direct sunlight or heat sources.
- Ensure at least 5 cm (2 inches) of clearance on the sides and back, and 10 cm (4 inches) at the top for proper air circulation.
- Level the refrigerator by adjusting the front leveling feet. Use a spirit level to ensure it is perfectly balanced.

### 3.3 Electrical Connection

- Plug the power cord into a dedicated 127V, 60Hz, 3-prong grounded outlet.
- Do not share the outlet with other appliances.

### 3.4 Initial Cleaning and Power-On

- Before first use, clean the interior with a mild detergent and warm water. Wipe dry thoroughly.
- After plugging in, allow the refrigerator to run for at least 2-3 hours to reach its operating temperature before storing food.





Figure 3.1: Refrigerator dimensions for proper placement: 72cm (Depth) x 70cm (Width) x 186cm (Height).

## 4. OPERATING INSTRUCTIONS

This section details how to use the various features of your Samsung refrigerator.

### 4.1 Temperature Control

- The LED display on the door allows you to adjust the temperature settings for both the refrigerator and freezer compartments.
- Press the 'Fridge' button to cycle through available refrigerator temperatures.
- Press the 'Freezer' button to cycle through available freezer temperatures.
- Recommended settings are typically 3°C (37°F) for the refrigerator and -18°C (0°F) for the freezer.

### 4.2 Twin Cooling Plus Technology

Your refrigerator is equipped with Twin Cooling Plus, which uses two separate evaporators to cool the

refrigerator and freezer compartments independently. This prevents odor mixing and maintains optimal humidity levels, keeping food fresher for longer and ensuring odor-free frozen foods.

### **4.3 Multi-Flow Air System**

The multi-flow air system ensures that cold air is distributed evenly throughout the refrigerator compartment, reaching every shelf and corner. This helps maintain a consistent temperature and quickly cools newly added items.

### **4.4 Using the Water Dispenser**

- The refrigerator features an Easy Access Dispenser for cold water.
- To dispense water, place a glass or container under the dispenser nozzle and press the lever.
- Ensure the internal water tank is filled for continuous cold water supply.

### **4.5 Interior Features**



Figure 4.1: Interior layout of the refrigerator compartment, including adjustable shelves and the Movable Ice Maker.

- **Adjustable Shelves:** The refrigerator compartment includes 6 shelves that can be adjusted to accommodate items of various sizes.
- **Big Box Drawer:** A large drawer at the bottom is ideal for storing fruits and vegetables, helping to maintain their freshness.
- **Movable Ice Maker:** The freezer compartment includes a movable ice maker for convenient ice production and storage.



Figure 4.2: Example of organized food storage within the refrigerator.

## 5. MAINTENANCE

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Regular maintenance helps keep your refrigerator operating efficiently and extends its lifespan.

### 5.1 Cleaning the Interior

- Unplug the refrigerator before cleaning.
- Remove all food items, shelves, and drawers.
- Wash interior surfaces with a solution of mild detergent and warm water. Rinse and dry thoroughly.
- Clean removable parts in warm soapy water, rinse, and dry.

### 5.2 Cleaning the Exterior

- Wipe the exterior surfaces with a soft cloth dampened with water and a mild detergent.
- For the graphite finish, avoid abrasive cleaners or harsh chemicals that could damage the surface.
- Clean the door gaskets regularly with warm soapy water to ensure a tight seal.

### 5.3 Automatic Defrost System

This refrigerator features an automatic defrost system, eliminating the need for manual defrosting of the freezer compartment. Frost buildup is automatically melted and drained.

### 5.4 Water Filter Replacement (if applicable)

If your water dispenser's flow rate decreases significantly, it may be time to replace the water filter. Refer to the specific instructions provided with your water filter for replacement procedures. (Note: This model has a water dispenser, so filter replacement is a likely maintenance item).

## 6. TROUBLESHOOTING

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Before contacting service, try these simple solutions for common issues.

### 6.1 Refrigerator Not Cooling

- **Check Power:** Ensure the refrigerator is plugged in and the circuit breaker has not tripped.
- **Temperature Settings:** Verify that the temperature settings are not too high.
- **Door Seal:** Check if the door is fully closed and the gasket is sealing properly.
- **Ventilation:** Ensure adequate clearance around the refrigerator for proper airflow.

### 6.2 Unusual Noises

- **Vibrations:** Ensure the refrigerator is level. Adjust leveling feet if necessary.
- **Compressor Noise:** A humming or buzzing sound from the compressor is normal.
- **Water Flow:** Gurgling or dripping sounds are normal as the automatic defrost system operates.

### 6.3 Water Dispenser Not Working

- **Water Supply:** Check if the internal water tank is filled.
- **Water Filter:** A clogged water filter can reduce water flow. Consider replacement.

## 7. SPECIFICATIONS

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Detailed technical specifications for the Samsung RT38A5930BS Refrigerator.

| Feature                        | Specification                 |
|--------------------------------|-------------------------------|
| Brand                          | Samsung                       |
| Model Number                   | RT38A5930BS                   |
| Product Dimensions (D x W x H) | 72 cm x 70 cm x 186 cm        |
| Item Weight                    | 66 Kilograms                  |
| Total Capacity                 | 14 Cubic Feet                 |
| Fresh Food Capacity            | 294 Liters                    |
| Freezer Capacity               | 89 Liters                     |
| Color                          | Graphite                      |
| Number of Doors                | 2                             |
| Defrost System                 | Automatic                     |
| Voltage                        | 127 Volts                     |
| Water Dispenser Type           | Cold                          |
| Cooling Method                 | Compressor                    |
| Number of Shelves              | 6                             |
| Door Orientation               | Right                         |
| Energy Compliance              | Energy Star                   |
| Annual Energy Consumption      | 428.4 Kilowatt Hours Per Year |
| BEE Rating                     | 4 Star                        |

## 8. WARRANTY AND SUPPORT

### 8.1 Product Warranty

This Samsung RT38A5930BS Refrigerator comes with a **1-year warranty** directly from the manufacturer. Please retain your proof of purchase for warranty claims.

### 8.2 Customer Support

For technical assistance, service requests, or further information, please contact Samsung customer support. Visit the official Samsung website or refer to the contact information provided in your purchase documentation.