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**Samsung RT40H28U2PHL**

# Samsung RT40H28U2PHL Refrigerator User Manual

Model: RT40H28U2PHL

## Introduction

Thank you for purchasing the Samsung RT40H28U2PHL 236L Frost Free Double Door Refrigerator. This manual provides essential information for the safe and efficient use of your appliance. Please read these instructions thoroughly before operating the refrigerator and retain them for future reference.

## Safety Information

To prevent personal injury or property damage, observe all safety precautions. This section outlines important safety guidelines.

- Ensure the refrigerator is properly grounded to prevent electrical shock.
- 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.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Unplug the appliance before cleaning or performing maintenance.
- Keep children away from the refrigerator, especially when the door is open.

## Product Overview

### Components and Features

The Samsung RT40H28U2PHL refrigerator is a 236-liter capacity, frost-free, double-door model with a freezer-on-top configuration. It features Digital Inverter Compressor technology for energy efficiency and quiet operation, along with toughened glass shelves designed to hold heavy items.



**Figure 1:** Front view of the Samsung RT40H28U2PHL refrigerator, showcasing its silver finish and double-door design.



**Figure 2:** Interior view of the refrigerator with both fresh food and freezer compartments open, showing shelves and storage bins.



**Figure 3:** Close-up of the freezer compartment, highlighting the movable ice maker and wire shelf.



**Figure 4:** Detail of the fresh food compartment door shelves, including the Big Bottle Guard for larger containers.

- **Digital Inverter Compressor:** Provides higher energy efficiency, less noise, and long-lasting performance.
- **Frost Free:** Automatic defrosting prevents ice buildup.
- **Convertible:** Allows flexible use of compartments.
- **Toughened Glass Shelves:** Durable shelves capable of holding up to 175 kg.
- **Easy Slide Shelf:** For convenient access to items at the back.
- **All Round Cooling:** Ensures even cooling throughout the refrigerator.
- **Stabilizer Free Operation:** Operates reliably within 100V - 300V.
- **Movable Ice Maker:** For flexible ice production and storage.
- **LED Light:** Bright and energy-efficient interior illumination.

## Setup

### Unpacking

Carefully remove all packaging materials, including tape and protective films. Inspect the refrigerator for any damage incurred during transit. Keep packaging materials away from children.

### Placement

Position the refrigerator on a firm, level floor away from direct sunlight, heat sources (e.g., oven, radiator), and moisture. Ensure adequate space around the appliance for proper ventilation. The dimensions are approximately 65.7 cm (D) x 55.5 cm (W) x 154.5 cm (H).



**Figure 5:** Side view of the refrigerator, illustrating its depth and requiring clearance for door swing.



**Figure 6:** Back view of the refrigerator, showing the compressor area and requiring adequate space for heat dissipation.

### Leveling

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

### Power Connection

Connect the power cord to a dedicated 230V, Type D wall outlet. Do not use extension cords or multi-outlet adapters. Allow the refrigerator to stand for at least 2-3 hours before plugging it in to allow refrigerants to settle.

### Initial Operation

After plugging in, set the temperature control to the recommended setting (usually medium). Allow the refrigerator to cool for several hours (at least 4-6 hours) before storing food items. The Digital Inverter Compressor will adjust its speed to reach the set temperature efficiently.

## Operating Instructions

### Temperature Control

The refrigerator features internal temperature controls. Adjust the settings as needed to maintain optimal freshness for your food. Refer to the control panel inside the fresh food compartment for specific adjustments.

### Convertible Modes

This refrigerator offers convertible functionality, allowing you to adjust the freezer compartment for different storage needs. Consult the digital display and control panel for instructions on switching between modes (e.g., converting the freezer to a fresh food section).

### Ice Maker Usage

The movable ice maker produces cubed ice. Fill the water tray and place it in the designated area in the freezer. Once frozen, twist the tray to release the ice into the storage bin. For best results, use filtered water.

### Food Storage Guidelines

- Utilize the toughened glass shelves for organized storage.
- The Big Bottle Guard in the door allows for storage of large beverage containers.
- Use the vegetable drawer (Veg Box) for fruits and vegetables to maintain their freshness.
- Ensure food items are properly sealed to prevent odor transfer and maintain hygiene.

- The All Round Cooling and Multi Flow systems help maintain consistent temperatures, but avoid blocking air vents.

## Maintenance

### Cleaning the Refrigerator

Regular cleaning helps maintain hygiene and efficiency. Unplug the refrigerator before cleaning. Use a soft cloth with a mild detergent and warm water to clean interior and exterior surfaces. Rinse with clean water and dry thoroughly. Avoid abrasive cleaners or solvents.

### Defrosting

This is a frost-free refrigerator, meaning it automatically defrosts. You do not need to manually defrost the unit. If excessive ice buildup occurs, contact customer support.

### Gasket Care

The anti-bacterial door gaskets should be cleaned regularly with a damp cloth to ensure a tight seal. A damaged or dirty gasket can lead to inefficient cooling and increased energy consumption.

## Troubleshooting

Before contacting service, review the following common issues and solutions:

- **Refrigerator not cooling:** Check if the power cord is securely plugged in. Ensure the temperature control is set correctly. Verify that the door is fully closed.
- **Unusual noise:** Ensure the refrigerator is level. Check if any items inside are vibrating against each other. The Digital Inverter Compressor may produce varying sounds during operation, which is normal.
- **Water leakage:** Check if the drain hole is clogged. Ensure the water tray for the ice maker is correctly positioned.
- **Door not closing properly:** Check for obstructions, such as food packages or shelves. Ensure the refrigerator is level. Clean the door gaskets.

If the problem persists after attempting these solutions, please contact Samsung customer support.

## Specifications

| Feature | Specification |
|---|---|
| Model Name | RT40H28U2PHL |
| Capacity | 236 Liters (Fresh Food: 183 L, Freezer: 53 L) |
| Configuration | Freezer-on-Top, Double Door |
| Defrost System Type | Frost Free |
| Energy Rating | 2 Star |
| Annual Energy Consumption | 229 Kilowatt Hours Per Year |
| Compressor Type | Digital Inverter |

| Feature | Specification |
|---|---|
| Product Dimensions (D x W x H) | 65.7D x 55.5W x 154.5H Centimeters |
| Item Weight | 50 Kilograms |
| Voltage | 230 Volts |
| Shelf Type | Toughened Glass (4 shelves) |
| Refrigerant | R-600A |
| Included Components | 1 Refrigerator Unit, Egg Tray, Movable Ice Maker |

## Warranty and Support

### Warranty Information

Your Samsung RT40H28U2PHL refrigerator comes with a 1-year comprehensive warranty. The Digital Inverter Compressor is covered by a 10-year warranty (20-year Digital Inverter Compressor Warranty applicable for purchases done only from 1st Dec 2022 till 31st March 2026). Please retain your seller invoice to avail warranty services. Terms and conditions apply.

### Customer Support

For any queries or assistance, please contact Samsung customer support:

- **Telephone (Toll Free):** 1800 40 7267864 (1800 40 SAMSUNG)
- **WhatsApp:** 1800-57-267864
- **Email:** support.india@samsung.com

When contacting support, please provide your product's model name (RT40H28U2PHL) and details from your purchase invoice. A service center will schedule a convenient slot for assistance.


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