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Samsung RT34HG5A42BXHL

Samsung RT34HG5A42BXHL Refrigerator User Manual

Model: RT34HG5A42BXHL

1. Introduction

Thank you for purchasing the Samsung RT34HG5A42BXHL Refrigerator. This manual provides essential information for the safe and efficient use of your appliance. Please read it thoroughly before operating the refrigerator and keep it for future reference. This refrigerator features a 330-liter capacity, Frost Free operation, a Digital Inverter Compressor, and Convertible 5-in-1 modes for flexible storage. It also includes WiFi connectivity and Bespoke AI for enhanced energy efficiency and smart control.



Figure 1: Front view of the Samsung RT34HG5A42BXHL Refrigerator.

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 electrical appliances inside the food storage compartments 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 damage the refrigerant circuit.
- 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

3.1 Components



Figure 2: Interior layout of the refrigerator.

- **Freezer Compartment:** Top section for frozen goods.
- **Refrigerator Compartment:** Bottom section for fresh food.
- **Toughened Glass Shelves:** Durable and easy to clean.
- **Vegetable Drawer:** For optimal storage of fruits and vegetables.
- **Door Shelves:** For bottles and smaller items.
- **Movable Ice Maker:** Located in the freezer.

- **LED Light:** Illuminates the interior.
- **Control Panel:** Internal, for temperature and mode settings.

3.2 Key Features

- **Capacity:** 330 Liters (Fresh Food: 255 Ltr, Freezer: 75 Ltr).
- **Frost Free:** Prevents ice build-up, eliminating manual defrosting.
- **Digital Inverter Compressor:** Provides energy efficiency, reduced noise, and long-lasting performance.
- **Convertible 5-in-1:** Offers flexible storage modes (Normal, Extra Fridge, Seasonal, Vacation, Home Alone).
- **WiFi & Bespoke AI:** Enables smart control via the SmartThings app and AI Energy Mode for optimized power consumption.
- **Twin Cooling Plus:** Maintains optimal humidity and prevents odor mixing between compartments.
- **Active Fresh Filter:** Helps keep food fresh.
- **Power Freeze & Power Cool:** Rapid cooling and freezing functions.
- **Stabilizer Free Operation:** Operates reliably within 100V - 300V.

4. Setup

4.1 Unpacking

Carefully remove all packaging materials. Inspect the refrigerator for any damage. Keep packaging materials away from children.

4.2 Placement

- Place the refrigerator on a firm, level floor.
- Ensure adequate clearance around the appliance for proper ventilation (at least 5 cm on sides and back, 10 cm on top).
- Avoid direct sunlight or heat sources.
- Do not install in areas where the temperature may drop below 10°C (50°F).



Figure 3: Side view, illustrating space requirements for proper ventilation.

4.3 Power Connection

Plug the power cord into a dedicated 3-pin wall socket. Ensure the voltage matches the refrigerator's requirements (230 Volts). Do not use extension cords or adapters.

4.4 Initial Cooling

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

5. Operating Instructions

5.1 Temperature Control

The refrigerator features an internal temperature control panel. Adjust the temperature settings for both the freezer and fresh food compartments as needed. Refer to the control panel diagram below.



Figure 4: Internal temperature control panel.

5.2 Convertible 5-in-1 Modes

Utilize the Convertible 5-in-1 feature to adapt your refrigerator's storage capacity. Press the 'Freezer Convert' button on the internal control panel to cycle through the modes:

- **Normal Mode:** Freezer and Fridge operate as standard.
- **Extra Fridge Mode:** Freezer compartment converts to an additional fridge space.
- **Seasonal Mode:** Freezer off, Fridge on.
- **Vacation Mode:** Freezer on, Fridge off (for energy saving when away).

- **Home Alone Mode:** Freezer off, Fridge converts to a small freezer.



Figure 5: Convertible 5-in-1 modes explained.

5.3 AI Energy Mode and SmartThings Integration

Your refrigerator is equipped with WiFi and Bespoke AI technology. Download the Samsung SmartThings app on your smartphone to connect and control your appliance.

- **AI Energy Mode:** Activate this mode via the SmartThings app to optimize energy consumption, potentially saving up to 10% on energy.
- **Remote Control:** Adjust settings, monitor status, and receive alerts directly from your phone.



Figure 6: SmartThings AI Energy Mode interface.

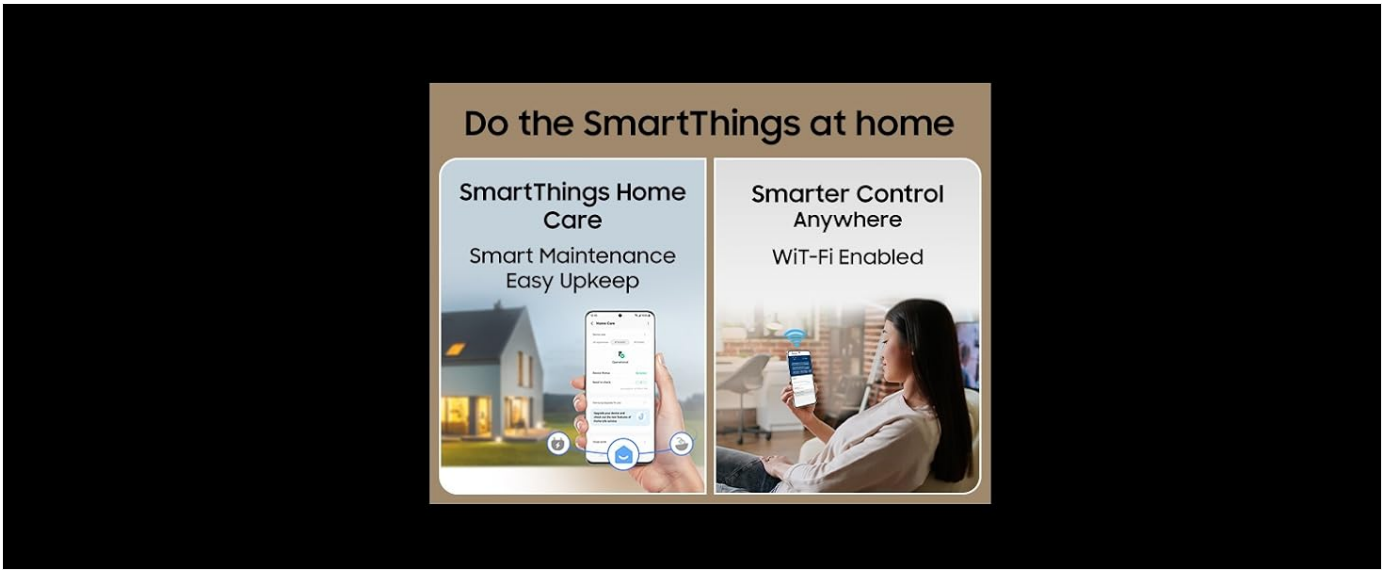


Figure 7: SmartThings app for remote control.

5.4 Power Cool and Power Freeze

Use these functions for rapid cooling or freezing:

- **Power Cool:** Quickly cools the refrigerator compartment. Ideal for chilling newly added groceries.
- **Power Freeze:** Rapidly lowers the freezer temperature. Useful for freezing large quantities of fresh food or making ice quickly.



Figure 8: Power Cool and Power Freeze functions.

6. Maintenance

6.1 Cleaning

- **Interior:** Clean regularly with a mild detergent and warm water. Wipe dry with a soft cloth.
- **Exterior:** Wipe with a soft, damp cloth. For stubborn stains, use a mild cleaner.
- **Anti Bacterial Gasket:** Clean door gaskets regularly to ensure a tight seal and prevent mold growth.
- **Toughened Glass Shelves:** Remove and wash with warm soapy water. Ensure they are completely dry before placing them back.
- **Condenser Coils:** Periodically clean the condenser coils at the back of the refrigerator to maintain efficiency. Unplug the appliance before cleaning.

6.2 Defrosting

This is a Frost Free refrigerator, meaning it automatically defrosts. Manual defrosting is not required. If excessive ice builds up due to improper door sealing or frequent opening, check the door gaskets and ensure the doors are closed properly.

7. Troubleshooting

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged; temperature set too high; door left open.	Check power connection; lower temperature setting; ensure door is closed properly.
Unusual noises	Refrigerator not level; items rattling inside; compressor noise (normal).	Adjust leveling feet; rearrange items; normal compressor sounds are expected.
Water on floor	Drain hose clogged; water tray overflowing.	Clear drain hose; ensure water tray is correctly positioned.
Door not closing properly	Door gasket dirty or damaged; food packages blocking closure; refrigerator not level.	Clean or replace gasket; rearrange food; level the appliance.

8. Specifications

Feature	Detail
Model Name	RT34HG5A42BXHL
Product Dimensions (DxWxH)	73.2D x 63W x 171.5H Centimeters
Capacity	330 Liters (Fresh Food: 255 Ltr, Freezer: 75 Ltr)
Configuration	Freezer-on-Top, Double Door
Defrost System Type	Frost Free
Energy Rating	2 Star (BEE Star Rating)
Annual Energy Consumption	241 Kilowatt Hours Per Year
Compressor Type	Digital Inverter Compressor
Voltage	230 Volts
Item Weight	61 Kilograms
Shelf Type	Toughened Glass
Refrigerant	R-600A
Included Components	1 Refrigerator Unit, Egg Tray, Movable Ice Maker





POWER SAVINGS GUIDE



ANNUAL ENERGY CONSUMPTION

241 *

UNITS PER YEAR

Label Period: 1st Jan, 2026 to 31st Dec, 2028

Appliance	:	Refrigerator
Brand	:	SAMSUNG
Model/Year	:	RT34HG5A42BXHL/2025
Type	:	Frost Free
Total Volume	:	330 liters

BEE/SAM/04/002/10

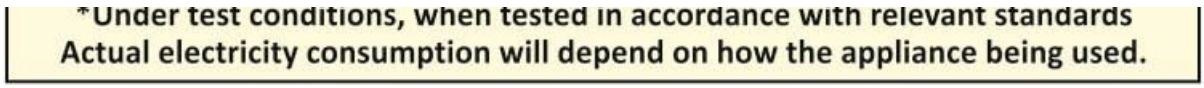


Figure 9: Energy Savings Guide for the refrigerator.

9. Warranty and Support

9.1 Warranty Information

Your Samsung RT34HG5A42BXHL Refrigerator comes with the following manufacturer's warranty:

- **1 Year Comprehensive Warranty:** Covers the entire appliance from the date of purchase.
- **10 Years Warranty on Digital Inverter Compressor:** Covers the digital inverter compressor.
- **20 Years Warranty on Digital Inverter Compressor:** Applicable for purchases made from December 1, 2022, to March 31, 2026.

To avail warranty services, please retain your seller invoice as proof of purchase. Terms and Conditions apply.

9.2 Customer Support

For any queries, assistance, or service requests, 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 (RT34HG5A42BXHL) and the seller's details from your invoice. A service center will schedule a convenient slot for assistance.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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