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Samsung RR21D2H259U/HL

Samsung 189 L 5 Star Direct-Cool Single Door Refrigerator

Model: RR21D2H259U/HL - User Manual

1. Introduction

This manual provides essential information for the safe and efficient use of your new Samsung 189 L 5 Star Direct-Cool Single Door Refrigerator, model RR21D2H259U/HL. Please read these instructions thoroughly before operating the appliance and retain them for future reference.





Image 1.1: Front view of the Samsung 189 L Direct-Cool Single Door Refrigerator.

2. Safety Information

To prevent personal injury or property damage, observe all safety precautions. This appliance is designed for household

use only. Do not attempt to repair or modify the refrigerator yourself. Always unplug the appliance before cleaning or performing maintenance.

- Ensure the power cord is not damaged and is properly grounded.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

3. Setup and Installation

3.1 Unpacking

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

3.2 Placement

Place the refrigerator on a firm, level surface. Ensure there is adequate space around the appliance for proper ventilation. The dimensions of the refrigerator are approximately 71.6 cm (D) x 57.8 cm (W) x 132.5 cm (H).



Image 3.1: Refrigerator dimensions (57 cm width, 132 cm height, 69 cm depth) and energy efficiency label.

3.3 Leveling

Adjust the leveling feet at the bottom of the refrigerator to ensure it is stable and level. This helps in efficient operation and prevents vibrations.

3.4 Power Connection

Connect the refrigerator to a dedicated 230V, 50Hz power outlet. Ensure the outlet is properly grounded. The appliance features Stabilizer Free Operation (100V - 300V) and Smart Connect Inverter compatibility.

3.5 Base Stand Drawer

The refrigerator comes with a base stand drawer for additional storage of non-refrigerated food items. This drawer is integrated into the base of the unit.



Image 3.2: The integrated base stand drawer for extra storage.

4. Operating Instructions

4.1 Temperature Control

The refrigerator features a digital temperature control system (Digi Touch Cool 5-in-1). Adjust the thermostat dial located inside the refrigerator compartment to set the desired cooling level. The 5-in-1 modes include Digital Temperature Control, Auto Express Cooling, Power Cool, Eco Mode, and E-Defrost.

4.2 Interior Features

Familiarize yourself with the interior layout for optimal storage:

- **Freezer Compartment:** Located at the top for frozen items.
- **Toughened Glass Shelves:** Two adjustable shelves designed to hold heavy items, up to 175 kg.
- **Vegetable Drawer (Fresh Room):** A dedicated drawer at the bottom for fresh produce, designed to maintain freshness for up to 15 days.
- **Big Bottle Guard:** Deep door bins for storing large bottles.
- **Egg Trays:** Provided for organized egg storage.
- **White LED Lamp:** Illuminates the interior for clear visibility.



Image 4.1: Interior view showing freezer, LED lamp, toughened glass shelves, vegetable drawer, base stand with drawer, horizontal curve handle, anti-bacterial gasket, 2 egg trays, and fresh room.



Image 4.2: Close-up of the Fresh Zone vegetable drawer, designed to keep produce fresh.

4.3 Lock & Key

The refrigerator door is equipped with a lock and key mechanism for securing the contents.

5. Maintenance

5.1 Cleaning

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 and dry thoroughly.
- **Anti-Bacterial Gasket:** Clean the door gasket regularly to ensure a tight seal and prevent mold growth.
- **Exterior:** Wipe with a soft, damp cloth. Avoid abrasive cleaners.
- **Easy Clean Back:** The back of the refrigerator is designed for easy cleaning. Periodically clean dust from the condenser coils for optimal performance.



Image 5.1: Illustration of the anti-bacterial gasket for improved hygiene.



Image 5.2: The easy-to-clean back design of the refrigerator.

5.2 Defrosting

This is a direct-cool refrigerator with a manual defrost system. When frost builds up to a thickness of about 5mm in the freezer compartment, manually defrost the unit. Turn off the refrigerator, remove all food items, and allow the frost to melt naturally. Wipe away melted water and dry the interior before restarting.

6. Troubleshooting

If you encounter issues with your refrigerator, refer to the following common troubleshooting tips before contacting service.

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged; thermostat set too high; door not closed properly.	Check power connection; adjust thermostat to a lower setting; ensure door is fully closed.
Excessive noise	Refrigerator not level; items rattling inside.	Adjust leveling feet; rearrange items to prevent rattling.
Water leakage	Drain hole blocked; drip tray overflowing.	Clear the drain hole; empty and clean the drip tray.

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

7. Specifications

Feature	Detail
Model Number	RR21D2H259U/HL
Capacity	189 Litres (Fresh Food: 171 L, Freezer: 18 L)
Energy Rating	5 Star
Annual Energy Consumption	131 Kilowatt Hours Per Year
Dimensions (D x W x H)	71.6D x 57.8W x 132.5H Centimeters
Defrost System Type	Manual
Compressor Type	Digital Inverter Compressor
Voltage	230 Volts
Refrigerant	R-600A
Shelf Type	Toughened Glass
Additional Features	Base Stand Drawer, Stabilizer Free Operation (100V-300V), Smart Connect Inverter, Anti Bacterial Gasket, Lock & Key, LED Light

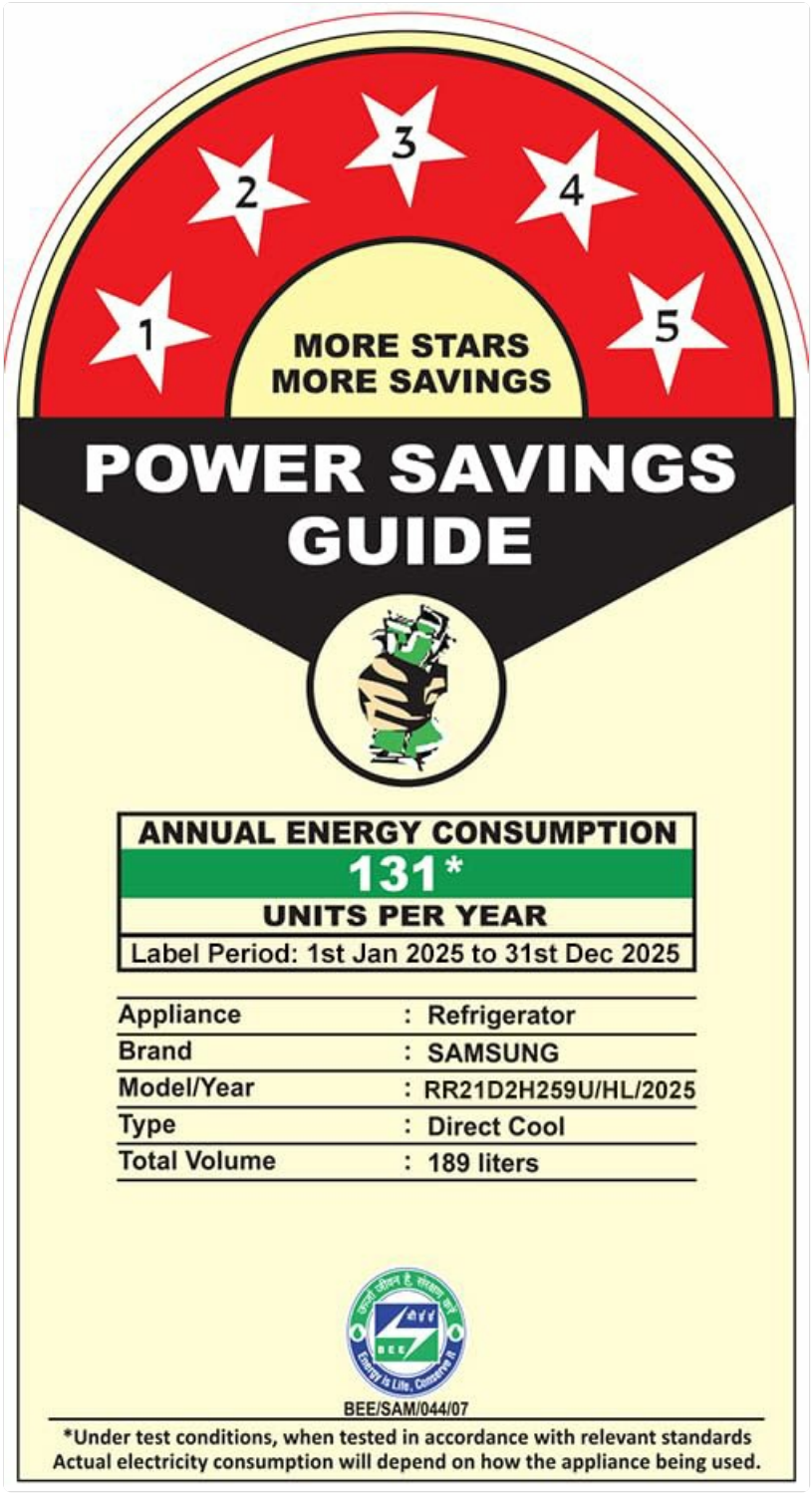


Image 7.1: Power Savings Guide label for the refrigerator, showing 5-star rating and 131 kWh annual energy consumption.

8. Warranty and Support

Your Samsung refrigerator comes with a manufacturer's warranty:

- **Comprehensive Warranty:** 1 year
- **Digital Inverter Compressor Warranty:** 10 years (20-year warranty applicable for purchases from 1st Dec 2022 till 31st March 2026).

To avail warranty service, use your seller invoice. For queries or assistance, 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 (RR21D2H259U/HL) 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.

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