

Samsung RR20R172ZCR/HL

Samsung 192 L 3 Star Inverter Direct-Cool Single-Door Refrigerator User Manual

MODEL: RR20R172ZCR/HL

Introduction

This manual provides essential information for the safe and efficient use of your new Samsung 192 L 3 Star Inverter Direct-Cool Single-Door Refrigerator. Please read these instructions thoroughly before operating the appliance and retain them for future reference.

Setup and Installation

1. Unpacking

Carefully remove all packaging materials. Ensure that all components listed in the 'What's in the Box' section are present. The box should contain 1 unit Refrigerator and 1 User manual with Warranty Card.

2. Placement

- Place the refrigerator on a firm, level surface to prevent vibrations and noise.
- Ensure adequate ventilation around the appliance. Maintain a minimum clearance of 5 cm from walls and other objects.
- Avoid direct sunlight and heat sources (e.g., stoves, radiators) to optimize cooling efficiency.

3. Power Connection

Connect the refrigerator to a dedicated power outlet. This model supports a voltage range of 100V - 300V. Do not use extension cords or multi-plugs.

4. Initial Operation

After plugging in, allow the refrigerator to run empty for at least 2-3 hours to reach its optimal operating

temperature before storing food items.



Figure 1: Exterior view of the Samsung 192 L Direct-Cool Refrigerator.

Operating Instructions

1. Temperature Control

The refrigerator features an electronic lock type for temperature settings. Refer to the internal control dial or panel for adjusting the cooling level. Higher numbers typically indicate colder settings.

2. Fresh Room

Utilize the dedicated Fresh Room compartment for storing delicate items that require slightly cooler temperatures than the main compartment, such as dairy products or pre-cooked meals.

3. Big Bottle Guard

The Big Bottle Guard in the door allows for convenient storage of larger beverage bottles, maximizing usable space within the refrigerator.

4. Digital Inverter Compressor

Your refrigerator is equipped with a Digital Inverter Compressor, which automatically adjusts its speed in response to cooling demand. This results in quieter operation, reduced energy consumption, and enhanced durability.

5. Home Inverter Compatibility

This appliance is designed to run efficiently on a home inverter, providing uninterrupted cooling during power outages.



Figure 2: Interior view showing shelves and compartments.

Maintenance and Care

1. Cleaning

- **Interior:** Clean the interior regularly with a mild detergent and warm water. Rinse thoroughly and dry. The spill-proof toughened glass shelves can be removed for easier cleaning.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners.
- **Door Seals:** Keep door seals clean to ensure a tight closure and efficient operation.
- **Safe Clean Back:** The refrigerator features a safe clean back design, making it easier to clean the rear of the appliance and prevent dust accumulation.

2. Defrosting

As a direct-cool refrigerator, manual defrosting is required when ice buildup in the freezer compartment reaches approximately 0.5 cm (1/4 inch) thickness. To defrost:

1. Unplug the refrigerator from the power outlet.
2. Remove all food items and place them in a cooler.
3. Leave the refrigerator door open to allow ice to melt naturally. Do not use sharp objects or heating devices to speed up defrosting.
4. Once defrosted, clean and dry the interior thoroughly before plugging it back in and returning food items.

Troubleshooting

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Refrigerator not cooling	No power, temperature set too high, door not closed properly.	Check power connection, adjust temperature setting, ensure door is sealed.
Excessive noise	Refrigerator not level, items vibrating inside, normal compressor sound.	Adjust leveling feet, rearrange items, note that inverter compressors can have varying sounds.
Water leakage inside/outside	Drain hole blocked (direct cool), door seal issue.	Clear drain hole, check door seal for damage or obstruction.

Specifications

Feature	Detail
Brand	Samsung
Model Name	RR20 R172 ZCR / HL
Model Number	RR20R172ZCR/HL
Capacity	192 Liters
Energy Rating	3 Star (BEE Star Rating)
Configuration	Single Door
Defrost System Type	Direct Cool
Compressor Type	Digital Inverter Compressor
Shelf Type	Toughened Glass (Spill Proof)
Refrigerant	R-600A
Annual Energy Consumption	184 Kilowatt Hours
Item Weight	32000 Grams
Voltage Range	100V - 300V

Warranty Information

Your Samsung Refrigerator is covered by the following warranty:

- **Product:** 1 year from the date of purchase.
- **Compressor:** 10 years from the date of purchase.

Please retain your purchase receipt and warranty card for any warranty claims. The warranty covers manufacturing defects under normal use conditions.

Customer Support

For further assistance, technical support, or service requests, please contact Samsung customer service. You can find contact details on the official Samsung website or your warranty card.