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Haier 190 L Direct Cool Single Door Refrigerator HED-203RFB-P User Manual

Model: HED-203RFB-P

1. INTRODUCTION

Thank you for choosing the Haier 190 L Direct Cool Single Door Refrigerator. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your appliance. Please read these instructions carefully before use and retain them for future reference.

2. SAFETY INFORMATION

To ensure safe operation, always follow these basic precautions:

- Ensure the refrigerator is placed on a stable, level surface away from direct sunlight and heat sources.
- Do not block ventilation openings in the appliance enclosure or in the built-in structure.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Always unplug the refrigerator before cleaning or performing maintenance.
- Keep children away from packaging materials to prevent suffocation.

3. PRODUCT OVERVIEW

The Haier HED-203RFB-P is a 190 L Direct Cool Single Door Refrigerator designed for efficient and convenient food storage. It features a 3-star energy rating for energy efficiency and a stylish Red Opal finish.

Key Features:

- **1 Hour Icing Technology (HIT):** Rapid ice formation within an hour.
- **Stabilizer Free Operation:** Designed to operate stably without an external stabilizer.
- **Anti-Bacterial Gasket:** Helps prevent the entry and build-up of fungi and bacteria inside the refrigerator.
- **Toughened Glass Shelves:** Durable and capable of holding heavy items.
- **Large Vegetable Box:** Provides ample space for fresh produce.
- **Base Stand with Drawer:** Offers additional storage for non-refrigerated items.
- **Connect Home Inverter:** Compatible with home inverters for uninterrupted cooling during power outages.
- **External Bar Handle:** For easy access and a sleek look.

Product Components:

Figure 3.1: Front view of the Haier 190 L Direct Cool Single Door Refrigerator (HED-203RFB-P).

Figure 3.2: Internal layout with Toughened Glass Shelves, Large Vegetable Box, and Utility Box.

Figure 3.3: Freezer compartment demonstrating 1 Hour Icing Technology (HIT).

Figure 3.4: Anti-Bacterial Gasket for hygiene.

Figure 3.5: Spacious Large Vegetable Box.

Figure 3.6: External Bar Handle and Clean Back design.

4. SETUP AND INSTALLATION

4.1 Unpacking

Carefully remove all packaging materials. Check the contents against the 'Included in the Box' list. Retain packaging for future transport if needed.

- 1 Refrigerator Unit
- Egg Tray
- Ice Tray
- User Manual
- Warranty Card
- Keys

4.2 Placement

Choose a location that is:

- Level and stable to prevent vibrations.
- Away from direct sunlight, heat sources (e.g., oven, radiator), and moisture.
- Well-ventilated, allowing sufficient space around the appliance for heat dissipation. Maintain at least 10 cm clearance from walls.

4.3 Electrical Connection

Connect the refrigerator to a dedicated power outlet. The appliance is designed for 230 Volts. Thanks to its stabilizer-free operation, an external voltage stabilizer is not typically required under normal voltage fluctuations.

4.4 Initial Use

After placement and connection, wait for at least 2-4 hours before plugging in the refrigerator. This allows the refrigerant to settle. Once plugged in, allow the refrigerator to run for several hours (e.g., 4-6 hours) empty to reach its optimal operating temperature before storing food.

5. OPERATING INSTRUCTIONS

5.1 Temperature Control

The refrigerator features a manual temperature control dial, typically located inside the fresh food compartment or freezer. Adjust the dial to your desired cooling level. Higher numbers usually indicate colder settings.

Figure 5.1: Interior door storage for bottles and other items.

5.2 1 Hour Icing Technology (HIT)

To utilize the 1 Hour Icing Technology, ensure the freezer compartment is set to its coldest setting. Place water in the ice tray and position it in the designated area within the freezer. Ice should form within approximately one hour under optimal conditions.

5.3 Using Storage Compartments

- **Toughened Glass Shelves:** Arrange food items on the shelves. These shelves are designed to withstand significant weight.
- **Large Vegetable Box:** Store fruits and vegetables in the dedicated vegetable box to maintain their freshness.
- **Base Stand with Drawer:** Use the integrated drawer in the base stand for storing non-refrigerated items like onions or potatoes.

6. MAINTENANCE AND CARE

6.1 Cleaning

Regular cleaning helps maintain hygiene and efficiency:

- **Interior:** Unplug the refrigerator. Clean the interior with a soft cloth dampened with a mild detergent solution. Rinse with clean water and dry thoroughly.
- **Anti-Bacterial Gasket:** Wipe the door gasket regularly with a damp cloth to keep it clean and flexible, ensuring a proper seal.
- **Exterior:** Clean the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners.
- **Back Panel:** Periodically clean the back panel to remove dust and ensure proper heat dissipation.

Figure 6.1: Clean Back design for easy maintenance.

6.2 Defrosting

This is a direct-cool refrigerator with a manual defrost system. Frost will accumulate in the freezer compartment over time. When the frost layer becomes approximately 5mm thick, defrost the appliance:

1. Unplug the refrigerator.
2. Remove all food items from the freezer and fresh food compartments. Store frozen items in an insulated container.
3. Leave the freezer door open to allow the frost to melt naturally. Place towels at the bottom to absorb water.
4. Once defrosted, clean and dry the interior thoroughly.
5. Plug the refrigerator back in and allow it to cool down before returning food.

7. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Refrigerator does not operate	No power supply; Plug not inserted correctly; Fuse blown or circuit breaker tripped.	Check power supply; Ensure plug is firmly in socket; Check fuse/reset circuit breaker.
Temperature is not cold enough	Door not closed properly; Too much food stored; Door opened too frequently; Temperature setting too high; Appliance near heat source.	Ensure door is sealed; Do not overload; Reduce door openings; Adjust temperature setting lower; Relocate appliance.
Unusual noises	Appliance not level; Objects touching the back wall; Compressor noise (normal).	Adjust leveling feet; Move objects away from the back; Compressor noise is normal during operation.
Excessive frost in freezer	Door not sealed properly; Humid environment; Frequent door opening.	Check door gasket; Ensure proper ventilation; Reduce door openings; Defrost manually.

8. SPECIFICATIONS

Feature	Detail
Model Name	HED-203RFB-P
Brand	Haier
Capacity	190 Liters
Fresh Food Capacity	176 Liters
Freezer Capacity	14 Liters
Energy Rating	3 Star (BEE Star Rating)
Defrost System Type	Manual
Product Dimensions (D x W x H)	62.8D x 54.1W x 131.3H Centimeters

Feature	Detail
Item Weight	38 Kilograms
Voltage	230 Volts
Shelf Type	Toughened Glass (3 shelves)
Refrigerant	R-600A
Colour	Red Opal
Door Material Type	Stainless Steel
Power Source	Corded Electric
Lock Type	Key

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Your Haier refrigerator comes with a comprehensive warranty:

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

Please refer to the warranty card included with your product for detailed terms and conditions.

9.2 Manufacturer Contact Information

For service, support, or warranty claims, please contact:

Haier Appliances India Pvt. Ltd.
B3 - MIDC Ranjangaon, Near Taluka Shirur,
Maharashtra 412220, India

For further assistance, you may visit the official Haier website or contact their customer service helpline.

	Haier HI-WB101DEI Wi-Fi Module Installation Guide Installation guide for the Haier HI-WB101DEI Wi-Fi module, detailing recommended placement and compatible Haier HVAC models for smart connectivity.
	Haier Split Type Room Air Conditioner Operation Manual Comprehensive operation manual for Haier split type room air conditioners, covering parts, functions, operation modes, maintenance, troubleshooting, and voice control features. Includes detailed instructions and safety precautions.
	Haier HSU-18LPA03/R2(T3&T4) Wall Mounted Air Conditioner Service Manual Comprehensive service manual for the Haier HSU-18LPA03/R2(T3&T4) wall-mounted air conditioner, covering features, specifications, safety precautions, and repair procedures.
	Haier AD24SS1ERA(N)(P) Ducted Slim Low Static Air Conditioner - 7.1 kW Quick Reference Guide Quick reference guide for the Haier AD24SS1ERA(N)(P) Ducted, Slim Low Static air conditioner with a 7.1 kW cooling and heating capacity. Includes specifications, dimensions, installation details, and performance metrics.
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