Whirlpool IF INV 278

Whirlpool 235 L 3 Star Convertible Frost Free Inverter Double Door Refrigerator

Model: IF INV 278

Safety Overview Setup Operation Maintenance Troubleshooting Specifications Warranty

1. Safety Instructions

Please read these safety instructions carefully before installing, operating, or performing maintenance on your refrigerator. Keep this manual for future reference.

- **Electrical Safety:** Ensure the refrigerator is connected to a properly grounded electrical outlet. Do not use extension cords or adapters.
- **Ventilation:** Allow adequate space around the refrigerator for proper ventilation to prevent overheating.
- **Placement:** Place the refrigerator on a firm, level surface away from direct sunlight, heat sources, and moisture.
- **Children Safety:** Supervise children to ensure they do not play with the appliance. Keep packaging materials out of reach of children.
- **Flammable Materials:** Do not store explosive substances or flammable materials inside the refrigerator.
- **Servicing:** All servicing should be performed by qualified personnel. Do not attempt to repair the appliance yourself.

2. Product Overview

The Whirlpool 235 L 3 Star Convertible Frost Free Inverter Double Door Refrigerator is designed for efficient food preservation and convenience. It features advanced technologies to maintain freshness and optimize energy consumption.

Key Features:

- **6th Sense Nutrilock Technology:** Helps preserve vitamins and freshness.

- **Convertible 5-in-1 Modes:** Offers flexible storage options by converting the freezer to fridge or other modes.
- **Intellisense Inverter Technology:** Provides energy efficiency and reliable operation.
- **Frost Free Operation:** Prevents ice build-up, eliminating the need for manual defrosting.
- **Stabilizer Free Operation:** Designed to operate within a wide voltage range (160V - 300V).
- **Toughened Glass Shelves:** Durable and capable of holding heavy items.

Product Views:



Figure 2.1: Front view of the Whirlpool 235 L Double Door Refrigerator, showcasing its sleek Radiant Steel finish and 5-in-1 Convertible feature.



Figure 2.2: Energy Savings Guide label indicating 3-star rating and annual energy consumption of 215 kWh per year for the 235-liter model.



Figure 2.3: Interior view of the refrigerator compartment, showing organized food items on toughened glass shelves and door bins.



Figure 2.4: Detailed view of the four door racks, designed for storing daily consumables, pickles, large bottles, and juices.

3. Setup and Installation

Proper installation ensures optimal performance and longevity of your refrigerator.

3.1 Unpacking

- Carefully remove all packaging materials, including tape and protective films.
- Inspect the refrigerator for any shipping damage. Report any damage immediately to your dealer.

3.2 Placement

- This is a freestanding appliance. Ensure there is sufficient space around the unit for air circulation (at least 10 cm at

the back and sides, 30 cm at the top).

- Place the refrigerator on a strong, level floor that can support its weight (48 kg).
- Avoid direct sunlight and heat sources (e.g., stoves, radiators) to maximize energy efficiency.
- Ensure the ambient temperature is within the recommended operating range for refrigerators.

3.3 Leveling

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

3.4 Electrical Connection

- Connect the power cord to a dedicated, grounded 230V AC outlet.
- Do not plug in the refrigerator immediately after moving it. Allow it to stand upright for at least 2-4 hours before plugging it in to allow refrigerants to settle.

4. Operating Instructions

4.1 Initial Start-up

- After plugging in, the refrigerator will begin cooling. Allow it to run for several hours (e.g., 4-6 hours) before placing food inside to ensure it reaches the desired temperature.

4.2 Temperature Control

- The temperature control dial or panel is typically located inside the refrigerator compartment or on the freezer door.
- Adjust the setting according to your preference and the amount of food stored. Higher settings generally mean colder temperatures.

4.3 Convertible 5-in-1 Modes

This refrigerator offers five flexible modes to adapt to your storage needs. Refer to the control panel for specific mode selection.

- **All Season Mode:** Standard refrigeration and freezing.
- **Chef Mode:** Optimized for storing cooked food and leftovers.
- **Dessert Mode:** Ideal for desserts and frozen treats.
- **Party Mode:** Provides extra cooling for beverages and party food.
- **Deep Freeze Mode:** For rapid freezing of items.



Figure 4.1: Control panel for selecting the 5-in-1 Convertible modes.

4.4 Food Storage Guidelines

- Store raw meat, poultry, and fish in sealed containers on the lowest shelf to prevent dripping onto other foods.
- Use the vegetable crisper for fruits and vegetables to maintain their freshness.
- Ensure proper air circulation by not overfilling the refrigerator.

4.5 Ice Twister and Collector

To make ice, fill the ice trays with water and place them in the freezer. Once frozen, twist the trays to release ice into the collector below.



Figure 4.2: Illustration of the Ice Twister and Collector system in the freezer compartment.

5. Maintenance and Cleaning

Regular cleaning and maintenance help ensure efficient operation and extend the life of your refrigerator.

5.1 Cleaning the Interior

- Unplug the refrigerator before cleaning.
- Remove all food items and shelves.
- Clean the interior with a solution of mild detergent and warm water. Rinse with clean water and dry thoroughly.
- Do not use abrasive cleaners, harsh chemicals, or sharp objects.

5.2 Cleaning the Exterior

- Wipe the exterior surfaces with a soft cloth dampened with mild detergent.
- For stainless steel surfaces, use a specialized stainless steel cleaner and polish in the direction of the grain.

5.3 Condenser Coils

- Periodically clean the condenser coils located at the back or bottom of the refrigerator. Dust and debris can reduce efficiency. Use a vacuum cleaner or a soft brush.

5.4 Frost Free System

- This refrigerator features a frost-free system, eliminating the need for manual defrosting of the freezer compartment.
- Ensure the freezer door is always properly closed to prevent excessive frost build-up.

6. Troubleshooting

Before contacting customer service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator does not operate	No power; power cord unplugged; circuit breaker tripped.	Check power supply; ensure cord is securely plugged in; reset circuit breaker.
Refrigerator is not cooling sufficiently	Door not closed properly; temperature setting too high; excessive food load; poor ventilation.	Ensure door is sealed; lower temperature setting; reduce food load; check for proper clearance around unit.
Excessive noise	Refrigerator not level; items vibrating inside; condenser fan obstruction.	Adjust leveling feet; rearrange items; clean condenser area.
Water on floor or inside	Drain tube clogged; door not sealing properly.	Clear drain tube; check door gasket for damage or obstruction.

7. Product Specifications

Feature	Detail
Brand	Whirlpool
Model	IF INV 278
Capacity	235 litres
Annual Energy Consumption	215 Kilowatt Hours Per Year
Energy Rating	3 Star (as per BEE guidelines 1st Jan 2024)
Refrigerator Fresh Food Capacity	181 litres
Freezer Capacity	54 Litres

Feature	Detail
Installation Type	Freestanding
Form Factor	Convertible, Freezer-on-Top
Special Features	Frost Free, Intellisense Inverter Technology, 6th Sense Nutrilock Technology, Stabilizer Free Operation
Colour	Radiant Steel
Voltage	230 Volts
Number of Shelves	4 (Toughened Glass)
Number of Drawers	1
Door Material	Stainless Steel
Item Weight	48 kg
Product Dimensions (LxWxH)	65.5 x 56.4 x 158.7 Centimeters
Included Components	1 Refrigerator, 1 Instruction Manual, 1 Warranty Card

8. Warranty and Support

8.1 Warranty Information

Your Whirlpool refrigerator comes with the following warranty:

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

8.2 Customer Support

For technical assistance, service requests, or any queries regarding your Whirlpool refrigerator, please contact Whirlpool customer service. Refer to the contact information provided in your warranty card or visit the official Whirlpool website.
Manufacturer: Whirlpool of India Ltd.
Address: Plot No. A-4, MIDC Ranjangaon, Taluka Shirur, Dist: Pune, Maharashtra 412220, India

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