

Whirlpool IF INV CNV 455

Whirlpool 411L IntelliFresh Convertible Inverter Frost Free Double Door Refrigerator User Manual

Model: IF INV CNV 455

1. INTRODUCTION

Thank you for choosing the Whirlpool 411L IntelliFresh Convertible Inverter Frost Free Double Door Refrigerator. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new appliance. Please read it thoroughly before using the refrigerator and keep it for future reference.



Figure 1.1: Front view of the Whirlpool 411L IntelliFresh Refrigerator.

2. SAFETY INFORMATION

Before operating your refrigerator, please observe the following safety precautions:

- Ensure the refrigerator is properly grounded to prevent electrical shock.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.
- Keep ventilation openings clear of obstruction.
- Do not damage the refrigerant circuit.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.

3. PRODUCT OVERVIEW

The Whirlpool 411L IntelliFresh Refrigerator is designed with advanced features for optimal food preservation and convenience.

Key Features:

- **IntelliSense Inverter Technology:** Adapts cooling based on internal load, reducing energy consumption and ensuring performance during power cuts.
- **Convertible 5-in-1 Modes:** Offers versatile storage options including All Season, Chef, Dessert, Party, and Deep Freeze modes.
- **Feather Touch UI:** Intuitive control panel for easy temperature adjustments and mode selection.
- **Microblock Technology:** Prevents 99.9% bacterial growth in crispers.
- **Freshonizer:** Helps maintain freshness of produce.
- **Toughened Glass Shelves:** Capable of holding heavy items, up to 240 kg.
- **Stabilizer Free Operation:** Designed to operate reliably within a voltage range of 160V-220V.



Figure 3.1: Overview of key features including Feather Touch UI, Flexible Inner Shelves, Convertible 5 in 1, and Adaptive Intelligence.

Super Chill in Just Minutes



Figure 3.2: Interior view highlighting Freshflow Air Tower, Toughened Glass Shelves, and advanced crisper technologies.

Engineered for Space

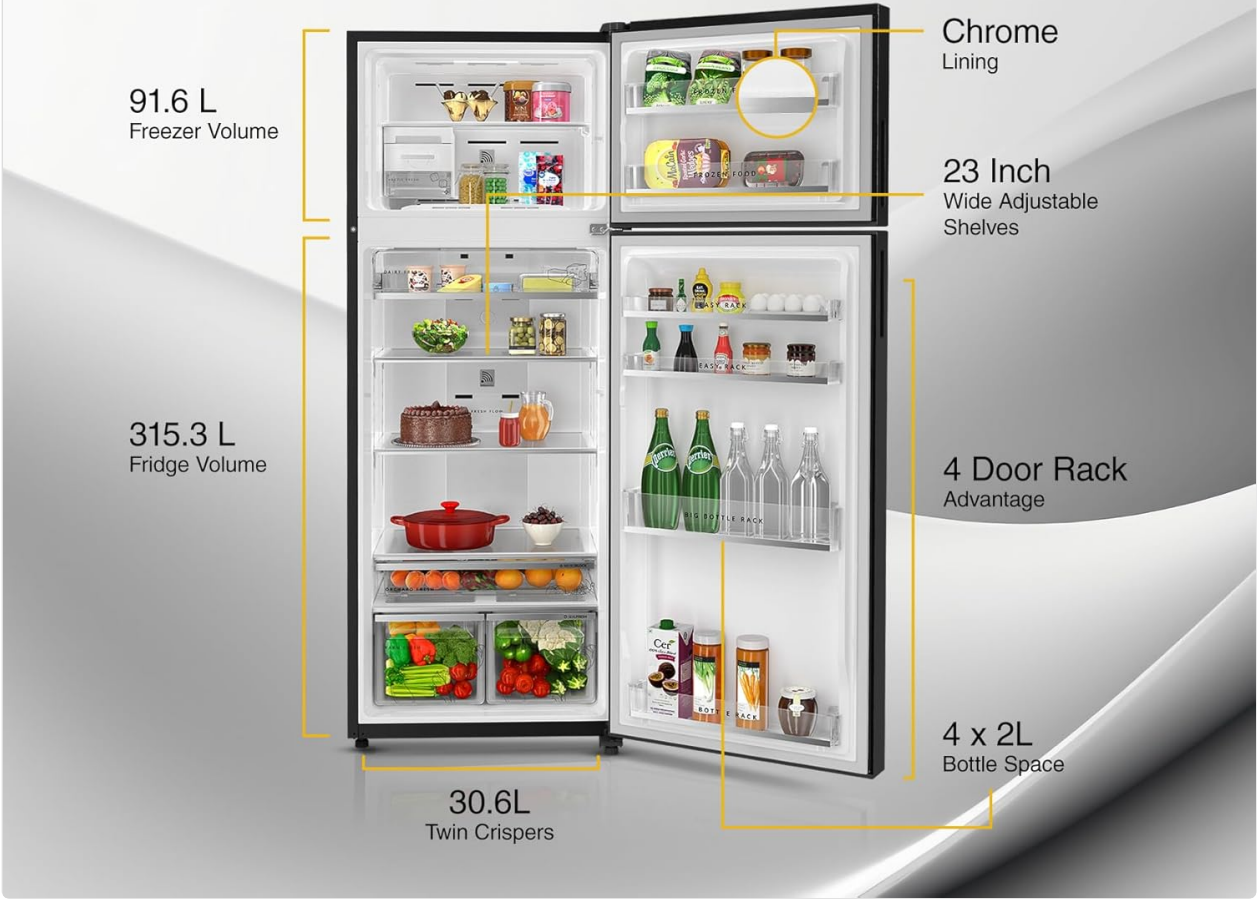


Figure 3.3: Freezer section detailing the large capacity, Intelli-icemaker, and Dairy Fresh Tray.

• Convertible 5 in 1 •



Figure 3.4: Detailed view of internal space distribution, including 91.6L freezer volume, 315.3L fridge volume, and 30.6L twin crispers.

4. SETUP AND INSTALLATION

4.1 Unpacking

Carefully remove all packaging materials. Inspect the refrigerator for any damage incurred during transit. Report any damage to your dealer immediately.

4.2 Placement

- Place the refrigerator on a firm, level surface.
- Ensure adequate ventilation around the appliance. Maintain a minimum clearance of 10 cm (4 inches) at the back and sides, and 30 cm (12 inches) at the top.
- Avoid direct sunlight or proximity to heat sources like stoves or radiators.

4.3 Leveling

Adjust the leveling feet at the bottom front of the refrigerator to ensure it is stable and level. This helps in proper door alignment and efficient operation.

4.4 Electrical Connection

Connect the refrigerator to a dedicated, properly grounded electrical outlet. Do not use extension cords or

adapter plugs. Allow the refrigerator to stand for at least 2-4 hours before plugging it in to allow refrigerants to settle.

5. OPERATING INSTRUCTIONS

5.1 Initial Power-On

After plugging in the refrigerator, the internal temperature will gradually decrease. It may take several hours for the appliance to reach its optimal operating temperature.

5.2 Feather Touch UI Panel

The control panel is located on the freezer door. It allows you to adjust temperature settings and select various operating modes.



Figure 5.1: Feather Touch UI Panel for controlling refrigerator functions.

5.3 Temperature Control

Use the Temperature Control Mode button on the UI panel to adjust the desired cooling level for the refrigerator and freezer compartments. Refer to the display for current settings.

5.4 Convertible 5-in-1 Modes

This feature allows you to convert the freezer compartment into a fridge compartment or use specialized modes based on your needs.

Feather Touch UI Panel



Figure 5.2: The five convertible modes offer flexible storage solutions.

- **All Season Mode:** Standard operation for everyday use.
- **Chef Mode:** Optimizes cooling for large quantities of food, ideal for meal prep.
- **Dessert Mode:** Provides ideal conditions for desserts and frozen treats.
- **Party Mode:** Rapid cooling for beverages and party food.
- **Deep Freeze Mode:** Maintains extra low temperatures for extended freezing.

Select the desired mode using the Convertible Mode button on the UI panel.

5.5 Intelli-icemaker

The Intelli-icemaker provides an adaptive and innovative water docking system with easy-fill ice trays. Fill the trays with water and place them in the designated area in the freezer for ice production.

5.6 Practical Vegetable Storage

The refrigerator features twin seal crispers with Zeolite Technology and a Honeycomb Moisture Lock Crisper Cover to prevent odor mixing, cross-contamination, and minimize spoilage, ensuring up to 15 days of garden freshness.



Figure 5.3: Dedicated vegetable storage with advanced freshness technologies.

6. MAINTENANCE AND CARE

6.1 Cleaning the Interior

Clean the interior of the refrigerator regularly with a mild detergent and warm water. Wipe dry with a soft cloth. Do not use abrasive cleaners or solvents.

6.2 Cleaning the Exterior

Wipe the exterior surfaces with a soft, damp cloth. For stainless steel finishes, use a specialized stainless steel cleaner. Avoid harsh chemicals.

6.3 Defrosting

This is a frost-free refrigerator, meaning manual defrosting is not required. The appliance automatically defrosts, and the melted frost drains into an evaporation tray.

6.4 Power Saving Tips

- Avoid opening the doors frequently or for extended periods.
- Ensure food is cooled before placing it in the refrigerator.
- Keep the condenser coils at the back clean for efficient operation.
- Utilize the Power Saver Mode on the UI panel when appropriate.

7. TROUBLESHOOTING

If you experience issues with your refrigerator, consult the following table before contacting service.

Problem	Possible Cause	Solution
Refrigerator not cooling	Power supply issue; temperature setting too high; door not closed properly; excessive food load.	Check power connection; adjust temperature; ensure door is sealed; reduce food load if overfilled.
Unusual noise	Refrigerator not level; items vibrating inside; fan obstruction.	Level the appliance; rearrange items; check for obstructions around fan.
Water leakage	Drain tube clogged; evaporation tray overflowing.	Clear drain tube; ensure evaporation tray is correctly positioned and not damaged.
Door not sealing	Door gasket dirty or damaged; refrigerator not level; shelves obstructing closure.	Clean or replace gasket; level the appliance; adjust shelves.

8. SPECIFICATIONS

Detailed technical specifications for the Whirlpool 411L IntelliFresh Refrigerator.



Figure 8.1: Refrigerator dimensions and energy efficiency label.

Feature	Specification
Brand	Whirlpool

Feature	Specification
Model	IF INV CNV 455
Capacity	411 litres
Annual Energy Consumption	221 Kilowatt Hours (as per BEE guidelines 1st Jan 2023)
Energy Rating	2 Star
Refrigerator Fresh Food Capacity	315.3 litres
Freezer Capacity	91.6 Litres
Installation Type	Freestanding
Form Factor	Convertible, Freezer-on-Top
Special Features	Inverter Compressor, Stabilizer Free Operation (160V-220V)
Colour	Steel Onyx
Voltage	230 Volts
Defrost System	Frost Free
Number of Shelves	4
Material	Steel
Item Weight	74 kg
Product Dimensions (LxWxH)	76.7 x 70 x 169 Centimeters

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Your Whirlpool refrigerator comes with a **1-year comprehensive warranty** on the product and a **9-year warranty on the compressor** from the date of purchase. Please retain your purchase receipt for warranty claims.

9.2 Customer Support

For any service requests, technical assistance, or warranty claims, please contact Whirlpool customer support:

- **Email:** helpdeskindia@whirlpool.com
- **Toll Free:** 1800 208 1800

Manufacturer: Whirlpool of India Limited, Plot No. A-4, MIDC Ranjangaon, Taluka Shirur, Dist: Pune, Maharashtra 412220, India.

