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**Whirlpool 859991609600**

# Whirlpool ART66102 Built-in Refrigerator-Freezer Instruction Manual

Model: ART66102 / 859991609600

## 1. IMPORTANT SAFETY INFORMATION

Please read these safety instructions carefully before installing or using your appliance. Keep them for future reference. This manual provides essential information for the safe and efficient operation of your Whirlpool ART66102 refrigerator-freezer.

### General Safety

- This appliance is intended for household use only.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Ensure proper ventilation around the appliance to prevent overheating.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments unless they are of the type recommended by the manufacturer.

### Electrical Safety

- The appliance must be properly earthed.
- Do not use adapters or extension cords.
- Ensure the power cord is not trapped or damaged during installation.
- Always unplug the appliance before cleaning or performing maintenance.

### Child Safety

- Keep packaging materials away from children.
- Children should be supervised to ensure they do not play with the appliance.
- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction.

## 2. PRODUCT OVERVIEW

The Whirlpool ART66102 is a built-in refrigerator-freezer combination designed for seamless integration into your kitchen cabinetry. It features a ventilated refrigerator compartment and a freezer compartment with Low Frost technology to minimize ice build-up.



**Figure 2.1:** Interior view of the Whirlpool ART66102 refrigerator-freezer, showing adjustable shelves, door bins, and fresh food drawers in the refrigerator section, and freezer drawers below.



**Figure 2.2:** The Whirlpool ART66102 built-in refrigerator-freezer integrated into kitchen cabinetry, demonstrating its sleek, concealed design.

## Key Features:

- **Built-in Design:** Integrates flush with kitchen cabinets.
- **Ventilated Refrigerator:** Ensures even temperature distribution.
- **Low Frost Freezer:** Reduces ice formation, requiring less frequent manual defrosting.
- **Slide Door System:** Allows the appliance door to be attached directly to the cabinet door.
- **Total Capacity:** 273 Liters.

## 3. INSTALLATION INSTRUCTIONS (SETUP)

Proper installation is crucial for the performance and longevity of your appliance. Please follow these steps carefully.

### 3.1 Unpacking and Initial Checks

1. Remove all packaging materials.
2. Check the appliance for any transport damage. Report any damage to your retailer immediately.
3. Clean the interior of the appliance with a damp cloth before first use.

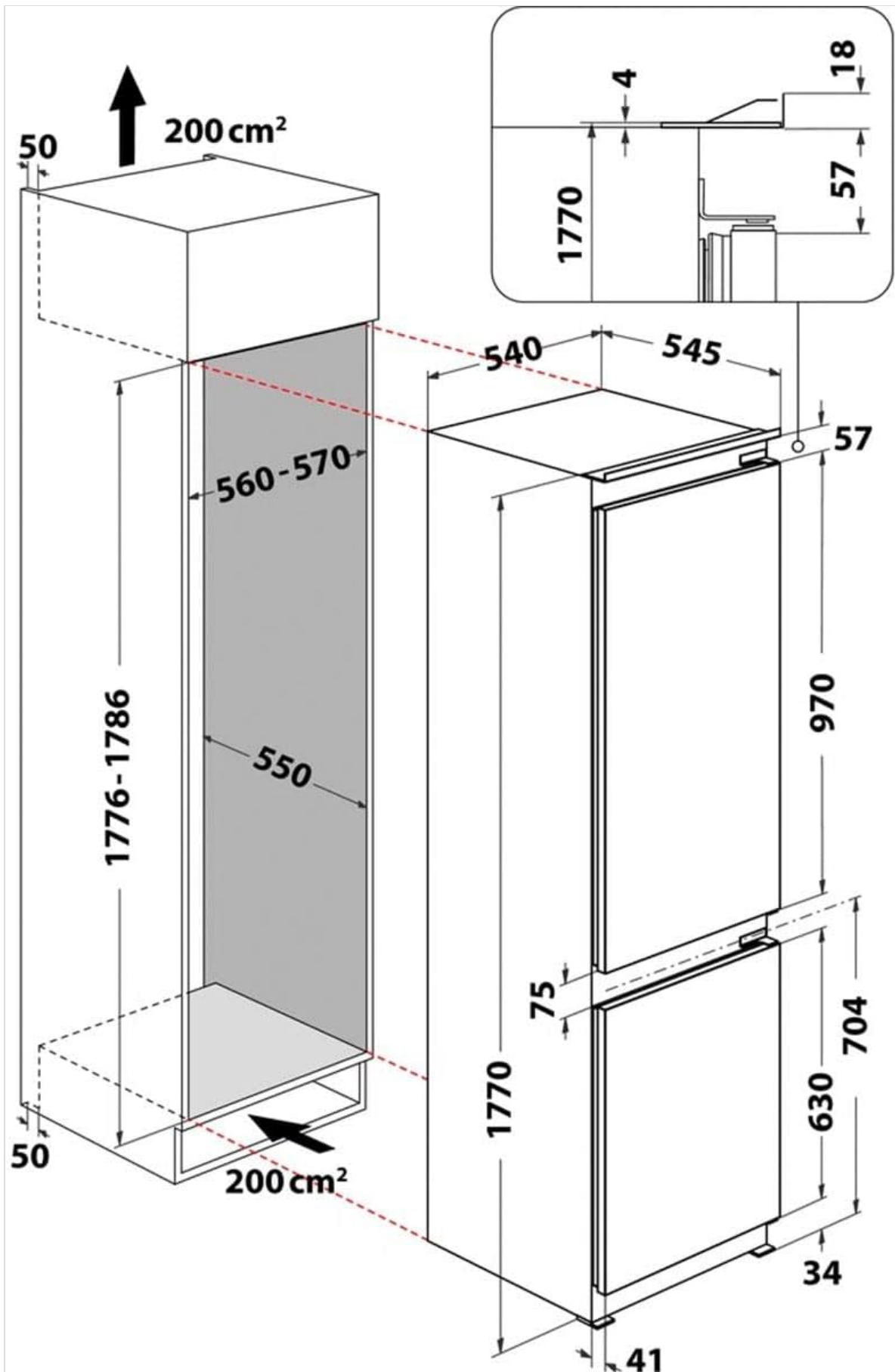
### 3.2 Location and Ventilation

The appliance must be installed in a dry, well-ventilated room, away from direct sunlight and heat sources (e.g., radiators, ovens). Ensure adequate air circulation around the appliance.

- A minimum ventilation opening of **200 cm<sup>2</sup>** is required at the top and bottom of the cabinet enclosure for proper air circulation.

### 3.3 Cabinet Dimensions and Appliance Integration

Refer to the diagram below for precise cabinet and appliance dimensions to ensure a correct built-in installation.



**Figure 3.1:** Detailed installation diagram showing required cabinet dimensions (height 1776-1786 mm, width 560-570 mm, depth 550 mm) and appliance dimensions (height 1770 mm, width 540 mm, depth 545 mm). Ventilation openings of 200 cm<sup>2</sup> are indicated at the top and bottom of the cabinet.

### 3.4 Electrical Connection

- Connect the appliance to a properly earthed socket.

- The voltage and frequency must correspond to the values indicated on the rating plate inside the appliance.
- Do not connect the appliance to the mains supply until installation is complete.

### 3.5 Door Installation (Slide Door System)

The appliance uses a slide door system where the cabinet door is attached to the appliance door via sliding hinges. Follow the instructions provided with the mounting kit for precise alignment and attachment.

1. Mount the sliding hinges to the appliance door as per the diagram.
2. Attach the cabinet door to the sliding hinges, ensuring correct alignment with the cabinet.
3. Adjust the door alignment if necessary to ensure a tight seal.

## 4. OPERATING INSTRUCTIONS

This section guides you through the basic operation of your Whirlpool ART66102 refrigerator-freezer.

### 4.1 Initial Startup

1. After installation, wait at least 4 hours before plugging the appliance into the mains supply. This allows the refrigerant to settle.
2. Plug in the appliance. The interior light will illuminate, and the cooling system will start.
3. Allow the appliance to run for several hours (e.g., 6-8 hours) before placing food inside, to reach optimal operating temperatures.

### 4.2 Temperature Control

The temperature in the refrigerator and freezer compartments is controlled by a thermostat, usually located inside the refrigerator compartment. Adjust the dial or buttons to set the desired temperature.

- **Refrigerator:** Recommended temperature is between +2°C and +8°C.
- **Freezer:** Recommended temperature is -18°C or colder.
- Higher settings (e.g., a higher number on a dial) typically result in colder temperatures.

### 4.3 Food Storage Guidelines

- **Refrigerator Compartment:** Store fresh foods, dairy products, fruits, and vegetables. Use the crisper drawers for produce.
- **Freezer Compartment:** Store frozen foods. Do not place hot food directly into the freezer. Allow it to cool first.
- Always wrap or cover food to prevent drying out and odor transfer.

## 5. MAINTENANCE AND CLEANING

Regular maintenance and cleaning will ensure your appliance operates efficiently and hygienically.

### 5.1 Cleaning the Interior

1. Before cleaning, unplug the appliance from the mains supply.
2. Remove all food items and removable parts (shelves, drawers).
3. Clean the interior with a solution of lukewarm water and a mild, non-abrasive detergent.
4. Rinse with clean water and dry thoroughly.
5. Do not use abrasive cleaners, scouring pads, or solvents.

## 5.2 Cleaning the Exterior

Wipe the exterior surfaces with a soft, damp cloth. For stubborn marks, use a mild detergent. Ensure no water enters the electrical components.

## 5.3 Low Frost System and Defrosting

The Low Frost system in the freezer significantly reduces ice build-up compared to conventional freezers. However, periodic manual defrosting will still be necessary, though less frequently.

- When the ice layer in the freezer reaches a thickness of about 3-5 mm, defrost the appliance.
- To defrost, unplug the appliance, remove all frozen food (store in a cool place), and leave the freezer door open.
- Place towels at the bottom to absorb melting water. Do not use sharp objects to remove ice.
- Once defrosted, clean and dry the interior before restarting the appliance.

The refrigerator compartment features an automatic defrost system. Water from defrosting collects in a tray at the back of the appliance and evaporates.

## 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Appliance does not operate.	No power supply.	Check if the plug is correctly inserted into the socket. Check the fuse.
Temperature is not cold enough.	Door not closed properly; thermostat setting too high; too much food loaded; warm food placed inside.	Ensure door is sealed; adjust thermostat to a colder setting; do not overload; allow hot food to cool before storing.
Excessive ice build-up in freezer.	Freezer door left open too long; warm food placed inside; Low Frost system needs defrosting.	Ensure door is sealed; allow hot food to cool; perform manual defrost as per Section 5.3.
Unusual noises.	Appliance not level; components vibrating; normal operating sounds.	Ensure appliance is level; check for loose items; gurgling/hissing sounds are normal for refrigerant.

If the problem persists after checking these points, please contact Whirlpool customer service.

## 7. SPECIFICATIONS

- **Brand:** Whirlpool
- **Model:** ART66102
- **Model Number:** 859991609600
- **Type:** Built-in Refrigerator-Freezer
- **Total Capacity:** 273 Liters
- **Energy Class:** E
- **Color:** White
- **Defrost System (Refrigerator):** Automatic
- **Defrost System (Freezer):** Low Frost (Manual defrost required periodically)
- **Installation Type:** Built-in
- **Number of Doors:** 2
- **Special Features:** Ventilated refrigerator, Slide door system
- **Approximate Appliance Dimensions (H x W x D):** 1770 mm x 540 mm x 545 mm (Refer to installation diagram for precise measurements and cabinet requirements)

## 8. WARRANTY AND SUPPORT

Your Whirlpool ART66102 appliance comes with a manufacturer's warranty. Please refer to the separate warranty document provided with your purchase for specific terms and conditions, including warranty period and coverage.

For technical assistance, spare parts, or to schedule a service appointment, please contact Whirlpool customer support. Have your appliance model number (ART66102 or 859991609600) and serial number ready when you call.

You can find contact information for Whirlpool customer service on their official website or in the documentation included with your appliance.