

## Haier HRS-682KGU1

# Haier 602L Side-by-Side Refrigerator

MODEL: HRS-682KGU1 USER MANUAL

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## 1. Introduction

Thank you for choosing the Haier 602L Side-by-Side Refrigerator, Model HRS-682KGU1. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new appliance. Please read it thoroughly before use and keep it for future reference.

## 2. Safety Information

To ensure safe operation, always follow these basic precautions:

- Ensure the refrigerator is properly grounded.
- Do not damage the refrigerant circuit.
- Keep ventilation openings clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not use electrical appliances inside the food storage compartments, unless they are of the type recommended by the manufacturer.
- Unplug the appliance before cleaning or performing maintenance.
- Keep children away from packaging materials to prevent suffocation.

## 3. Product Overview

The Haier HRS-682KGU1 is a 602-liter, 3-star rated, frost-free side-by-side refrigerator featuring a premium glass finish. It is designed for modern households, offering advanced cooling technologies and smart functionalities.

### Key Features:

- **100% Convertible:** Adapt storage space between fridge and freezer as needed.
- **Wi-Fi Connectivity:** Remote control and monitoring via a smart home system.
- **Expert Inverter Technology:** Energy-efficient operation with reduced noise and extended compressor lifespan.
- **Digital Display Panel:** External touch control for precise temperature settings.

- **Triple Twist Ice Maker:** Convenient access to ice cubes.
- **Deo Fresh Technology:** Eliminates odors and maintains food freshness for longer.
- **Smart Sense AI:** Regulates temperature settings for optimal performance.
- **Separate Fruit and Vegetable Boxes:** Dedicated compartments for organized and fresh produce storage.



Figure 3.1: Overview of Refrigerator Features



Figure 3.2: Haier 602L Side-by-Side Refrigerator (HRS-682KGU1)

## 4. Setup and Installation

## 4.1 Unpacking

Carefully remove all packaging materials. Inspect the refrigerator for any damage. Keep packaging away from children.

## 4.2 Placement

- Place the refrigerator on a firm, level surface.
- Ensure adequate ventilation around the appliance (at least 10 cm clearance on sides and back).
- Avoid direct sunlight or proximity to heat sources (e.g., oven, radiator).
- The refrigerator operates on 230V and features stabilizer-free operation within a specified voltage range.



Figure 4.1: Front View for Placement Reference

## MAGIC CONVERTIBLE ZONE

Switch from freezer to fridge anytime for space that adapts to you.



Figure 4.2: Refrigerator Dimensions

### 4.3 Initial Cleaning

Before first use, clean the interior and exterior with a soft cloth and mild detergent. Wipe dry thoroughly.

### 4.4 Power Connection

Plug the refrigerator into a dedicated, properly grounded electrical outlet. Allow the appliance to run for at least 4-6 hours empty before loading food to reach optimal cooling temperatures.

## 5. Operating Instructions

### 5.1 Digital Display Panel

The external digital display panel allows you to monitor and adjust the refrigerator's settings without opening the doors, thus minimizing cooling loss. Use the touch controls to set desired temperatures for the fridge and freezer compartments.



Figure 5.1: Digital Control Panel

Video 5.1: Demonstration of the refrigerator's control panel and interior features, including temperature adjustment and internal layout.

## 5.2 Magic Convertible Zone

The Magic Convertible Zone allows you to switch a compartment between freezer and fridge modes, providing flexible storage options based on your needs. Refer to the digital display panel for specific controls to adjust this zone.



Figure 5.2: Magic Convertible Zone Functionality

### 5.3 Wi-Fi Connectivity and Smart Sense AI

This refrigerator is Wi-Fi enabled, allowing you to connect it to your smart home system. Through the dedicated app, you can remotely monitor and control settings, manage food inventory, and receive intelligent recommendations via Smart Sense AI.



Figure 5.3: Smart Sense AI and Wi-Fi Control

### 5.4 Triple Twist Ice Maker

The Triple Twist Ice Maker provides a continuous supply of ice. To use, fill the ice trays with water, allow them to freeze, then twist the knobs to release the ice into the collection box below.



Figure 5.4: Triple Twist Ice Maker

## 5.5 External Water Dispenser

For quick access to chilled water, use the external water dispenser located on the freezer door. Simply press a glass against the lever to dispense water without opening the refrigerator door, helping to maintain internal temperature and save energy.

Video 5.2: Product demonstration video highlighting features including the external water dispenser, 100% fridge space, and convertible zone.

## 5.6 Fresh Food Storage

Utilize the dedicated Fresh Box compartments for fruits and vegetables. These separate drawers help maintain optimal humidity and prevent odor mixing, extending the freshness of your produce.



Figure 5.5: Organized Interior with Fresh Boxes

## 6. Maintenance and Care

### 6.1 Cleaning

- **Interior:** Regularly clean the interior with a solution of mild soap and warm water. Remove shelves and drawers for thorough cleaning.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. For the glass finish, use a glass cleaner.
- **Anti-Bacterial Gasket:** Clean the door gaskets regularly to ensure a tight seal and prevent mold growth.
- Always unplug the refrigerator before cleaning.

## 6.2 Deo Fresh Technology

The integrated Deo Fresh Technology actively eliminates odors and purifies the air inside the refrigerator, keeping your food fresh and odor-free. No specific maintenance is required for this feature, but regular cleaning of the interior helps its effectiveness.



Figure 6.1: Deo Fresh Technology in action

## 7. Troubleshooting

Before contacting service, please check the following common issues:

Problem	Possible Cause	Solution
Refrigerator not cooling	Power outage; plug not inserted; temperature setting too high; door left open.	Check power supply; ensure plug is secure; adjust temperature; close door properly.
Unusual noises	Appliance not level; items vibrating inside; normal operating sounds (e.g., refrigerant flow).	Level the appliance; rearrange items; normal sounds are not a fault.
Water leakage	Drain hole blocked; water tank for dispenser overflowing.	Clear drain hole; check water tank level.
Digital display not working	Power issue; temporary glitch.	Check power; unplug for 5 minutes and plug back in.

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

## 8. Specifications

Feature	Detail
Model Number	HRS-682KGU1
Brand	Haier
Capacity	602 Litres (Fresh Food: 398L, Freezer: 204L)
Configuration	Side-by-Side, 2 Door
Color	Black Glass
Energy Rating	3 Star
Annual Energy Consumption	528 Kilowatt Hours Per Year
Defrost System Type	Frost Free
Dimensions (D x W x H)	69.7D x 90.5W x 177.5H Centimeters
Item Weight	103 Kilograms
Shelf Type	Toughened Glass
Additional Features	Inverter Compressor, Wi-Fi, Convertible Freezer, Adjustable Temperature Control
Included Components	1 Refrigerator Unit, Egg Tray, Ice Tray

## 9. Warranty and Support

Your Haier 602L Side-by-Side Refrigerator (Model: HRS-682KGU1) comes with a **1-year comprehensive warranty** on the product and a **10-year warranty** on the inverter compressor. This warranty covers manufacturing defects under normal use.

For warranty claims or technical support, please refer to the contact information provided with your purchase documentation or visit the official Haier India website. Please retain your purchase invoice for warranty validation.