

Haier HED-205DSA-P

Haier 190L 5 Star Direct Cool Inverter Single Door Refrigerator (HED-205DSA-P) User Manual

Model: HED-205DSA-P

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1. SETUP AND INSTALLATION

1.1 Unpacking and Inspection

Carefully unpack the refrigerator and remove all packaging materials. Inspect the appliance for any damage that may have occurred during transit. Report any damage to your dealer immediately. Ensure all included accessories such as the egg tray, ice tray, user manual, and warranty card are present.

1.2 Location Requirements

- **Space:** Allow adequate space around the refrigerator for proper ventilation. Maintain a minimum of 10 cm (4 inches) at the back and sides, and 30 cm (12 inches) at the top.
- **Leveling:** Place the refrigerator on a firm, level surface. Adjust the leveling feet at the bottom front of the appliance to ensure it is stable and level. This prevents vibrations and ensures efficient operation.
- **Environment:** Avoid direct sunlight or heat sources. The refrigerator performs best in an ambient temperature range of 10°C to 43°C.



Image 1.1: Refrigerator dimensions (53cm W x 121.8cm H x 62.8cm D) and energy efficiency label.

1.3 Electrical Connection

Connect the refrigerator to a dedicated 230V AC power outlet. This model features **Stabilizer Free Operation**, designed to handle voltage fluctuations between 110V and 300V, eliminating the need for an external voltage stabilizer. Ensure the power cord is not pinched or damaged.

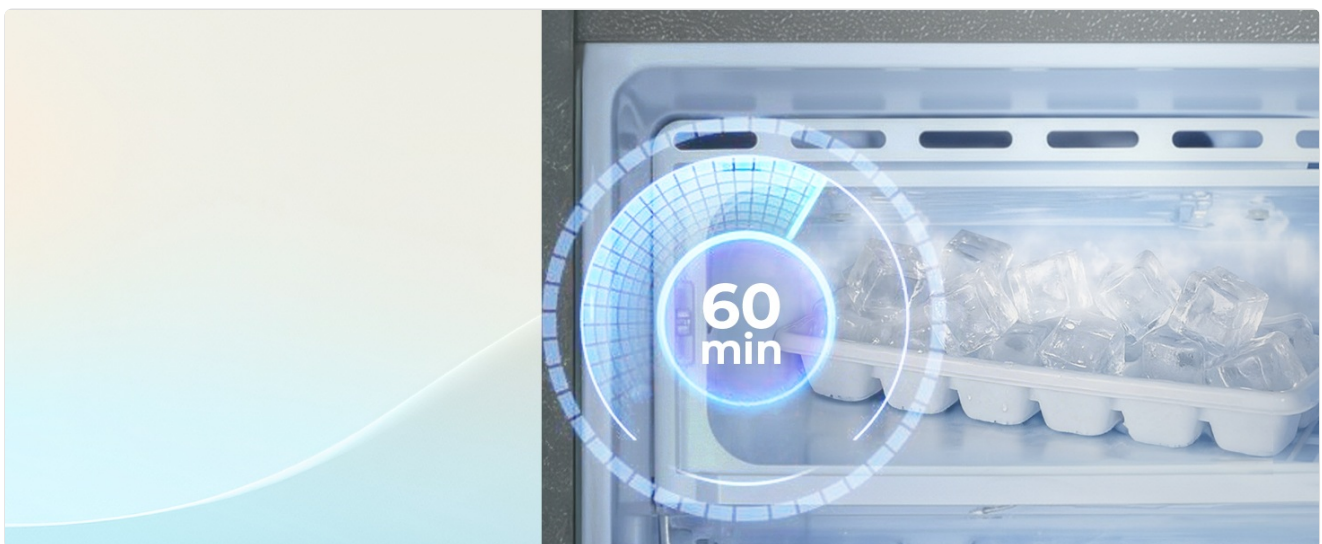


Image 1.2: Illustration of Stabilizer Free Operation, indicating voltage tolerance.

1.4 Initial Cleaning and First Use

Before first use, clean the interior and exterior of the refrigerator with a soft cloth and mild detergent. After cleaning, plug in the appliance and allow it to run empty for 2-3 hours to reach its optimal cooling temperature before storing food.

2. OPERATING INSTRUCTIONS

2.1 Temperature Control

The refrigerator features a manual temperature control dial, typically located inside the fresh food compartment. Adjust the dial to set the desired cooling level. Higher settings provide colder temperatures. For optimal food preservation, a medium setting is usually sufficient.

2.2 Food Storage Guidelines

1Hr Icing Technology

Enjoy ice cubes in just **60 min**
for everyday needs

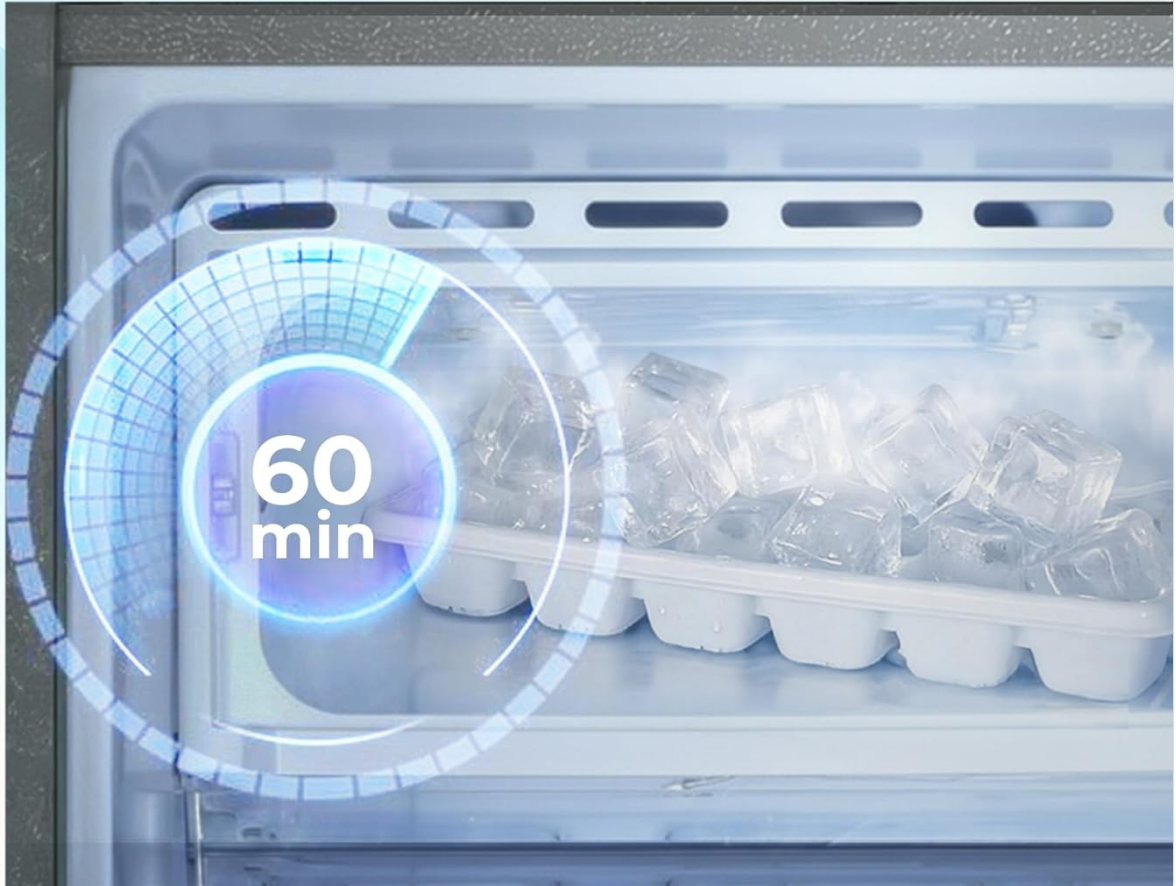


Image 2.1: Interior layout with various storage zones.

- **Fresh Food Compartment (176L):** Store dairy products, cooked foods, fruits, and beverages on the toughened glass shelves.
- **Freezer Zone (14L):** Use for frozen items and ice making.
- **Large Vegetable Box:** Designed to provide ample space for fresh vegetables and fruits, helping to maintain their freshness longer.
- **Big Bottle Rack:** Located on the door, suitable for storing large beverage bottles.



Image 2.2: Close-up of the spacious Large Vegetable Box.

2.3 Special Features

- **1 Hour Icing Technology:** This feature enables rapid ice making, providing ice cubes in approximately 60 minutes. Ideal for quick chilling needs.

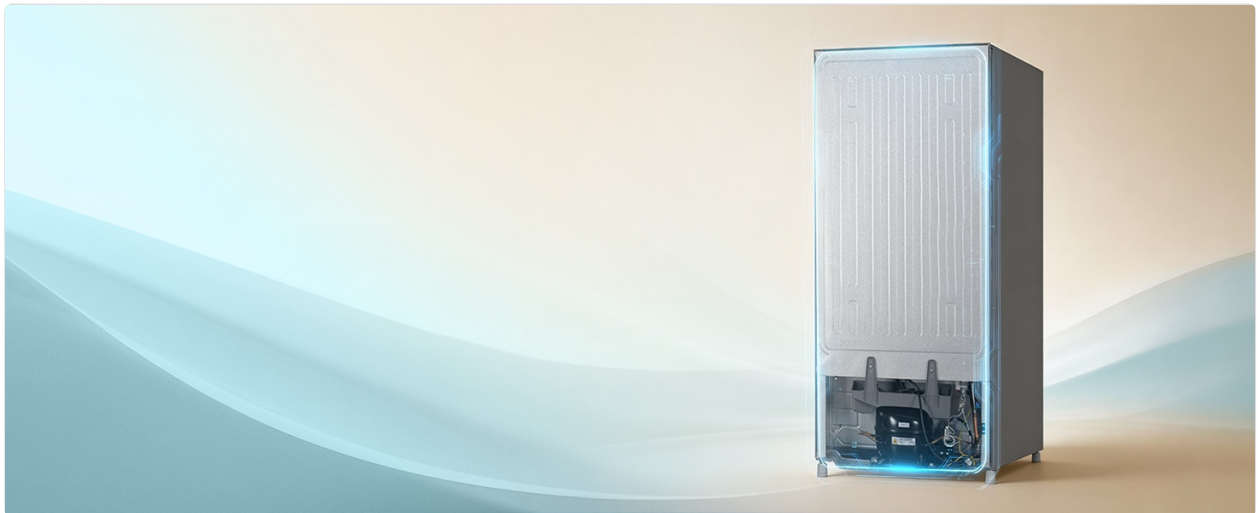


Image 2.3: Illustration of 1 Hour Icing Technology.

- **Anti-Bacterial Gasket:** The door gasket is treated with an anti-bacterial agent to prevent the growth of bacteria and fungi, helping to maintain a hygienic environment inside the refrigerator.



Image 2.4: Diagram showing the Anti-Bacterial Gasket feature.

- **Auto Connect Home Inverter:** In the event of a power cut, the refrigerator can automatically connect to your home inverter, ensuring continuous cooling and food preservation.



Image 2.5: Refrigerator connected to a home inverter for automatic power backup.

3. MAINTENANCE

3.1 Manual Defrosting

This is a Direct Cool refrigerator and requires manual defrosting. Frost buildup in the freezer compartment can reduce cooling efficiency. Defrost the freezer when the frost layer reaches approximately 5mm (0.2 inches) thick. To defrost:

1. Turn off the refrigerator and unplug it from the power outlet.
2. Remove all food items from the freezer and fresh food compartments. Store perishable items in a cooler.
3. Leave the refrigerator door open to allow the frost to melt naturally. Place towels at the bottom to absorb water. Do not use sharp objects or heating devices to speed up defrosting, as this can damage the appliance.
4. Once all frost has melted, clean and dry the interior thoroughly.
5. Plug the refrigerator back in and allow it to cool for 2-3 hours before returning food items.

3.2 Cleaning

- **Interior:** Clean the interior regularly with a solution of mild detergent and warm water. Wipe dry with a soft cloth. Remove shelves and drawers for thorough cleaning.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. For stubborn stains, use a mild, non-abrasive cleaner.
- **Door Gasket:** Clean the door gasket regularly to ensure a tight seal. A dirty or sticky gasket can prevent the door from closing properly, leading to inefficient cooling.
- **Easy Clean Back:** The refrigerator features an Easy Clean Back design, making it simpler to clean the rear of the appliance and prevent dust accumulation.

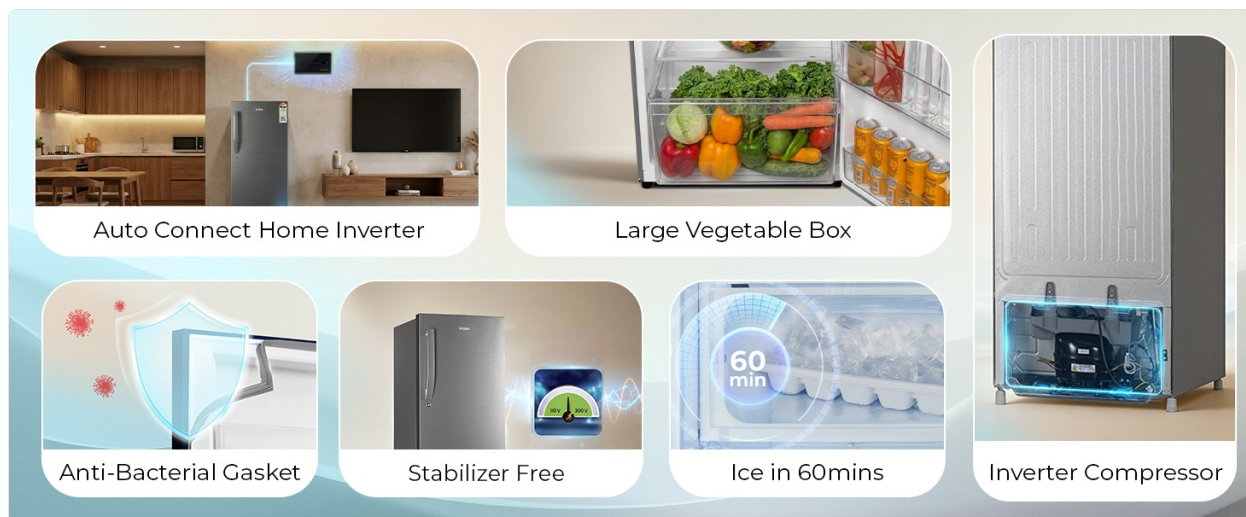


Image 3.1: Rear view illustrating the Easy Clean Back feature.

3.3 Power Saving Tips

- Avoid placing hot food directly into the refrigerator.
- Do not open the door frequently or leave it open for extended periods.
- Ensure the door gasket is clean and sealing properly.
- Keep the refrigerator away from direct sunlight and heat sources.

4. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged; temperature control set too high; door not closed properly; excessive frost buildup.	Check power connection; adjust temperature control; ensure door is sealed; defrost the freezer.
Unusual noises	Refrigerator not level; objects vibrating against the unit; normal operating sounds (e.g., compressor hum, refrigerant flow).	Adjust leveling feet; remove vibrating objects; these sounds are normal.
Water on floor (leakage)	Drain hole blocked; drip tray overflowing during defrosting.	Clear the drain hole; ensure drip tray is correctly positioned and emptied if full.
Door not closing completely	Food packages obstructing; door gasket dirty or damaged; refrigerator not level.	Rearrange items; clean or replace gasket; level the refrigerator.

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

5. SPECIFICATIONS

Feature	Detail
Model Number	HED-205DSA-P

Feature	Detail
Capacity	190 Liters (Fresh Food: 176L, Freezer: 14L)
Energy Rating	5 Star
Annual Energy Consumption	120 Kilowatt Hours Per Year
Product Dimensions (D x W x H)	62.8D x 53W x 121.8H Centimeters
Net Weight	35 Kilograms
Compressor Type	Inverter Compressor
Defrost System	Manual
Shelf Type	Toughened Glass
Voltage	230 Volts (Stabilizer Free Operation: 110V-300V)
Included Components	1 Refrigerator Unit, Egg Tray, Ice Tray, User Manual, Warranty Card

6. WARRANTY & SUPPORT

6.1 Warranty Information

This Haier refrigerator comes with a **1-year comprehensive warranty** on the entire product and a **10-year warranty** on the compressor. The warranty covers manufacturing defects under normal use conditions. Please refer to your warranty card for detailed terms and conditions.

6.2 Customer Support

For service requests, technical assistance, or warranty claims, please contact Haier customer support. Keep your purchase receipt and warranty card handy when contacting support.

Manufacturer: HAIER APPLIANCES INDIA PVT. LTD.

Address: B-3, MIDC, RANJANGAON, TAL.SHIRUR.DIST. PUNE-412220, MAHARASHTRA, INDIA

For more information or to locate a service center, please visit the official Haier India website or refer to the contact details provided in your warranty card.