

Haier HED-182ML-N

Haier 175 L Direct-Cool Single Door Refrigerator (HED-182ML-N) User Manual

Model: HED-182ML-N

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your new Haier 175 L Direct-Cool Single Door Refrigerator, model HED-182ML-N. Please read these instructions thoroughly before installation and use, and retain them for future reference.

2. SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury when using your refrigerator, follow these basic precautions:

- Ensure the refrigerator is properly grounded.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- 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.
- Unplug the refrigerator before cleaning or performing any maintenance.
- Keep ventilation openings clear of obstruction.
- 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.

3. PRODUCT OVERVIEW AND FEATURES

Your Haier HED-182ML-N refrigerator is designed for efficient cooling and convenient storage. Key features include:

- **Capacity:** 175 Litres total (161 L fresh food, 14 L freezer).
- **Energy Rating:** 2 Star for energy efficiency.
- **Direct Cool Technology:** Provides effective cooling.
- **Diamond Edge Freezing Technology:** Ensures fast freezing with longer cooling retention.
- **Stabilizer Free Operation:** Designed to withstand voltage fluctuations from 135V to 290V.
- **Auto Connect Home Inverter:** Automatically connects to your home inverter for uninterrupted cooling during power

outages.

- **Anti Bacterial Gasket:** Restricts bacterial growth and is easy to remove and clean.
- **Toughened Glass Shelves:** Durable shelves capable of holding heavy items.
- **LED Light:** For enhanced visibility inside the refrigerator.
- **External Body Handle:** Provides easy access to the refrigerator door.
- **Clean Back:** Designed for easy cleaning and to prevent rodent access.
- **Large Vegetable Crisper:** Dedicated space for fresh produce.
- **Big Bottle Guard:** Accommodates large bottles in the door.
- **Lock & Key:** For securing the refrigerator contents.



Figure 3.1: Interior layout of the refrigerator, highlighting key components and storage areas.



Figure 3.2: Key features including durable toughened glass shelves, Diamond Edge Freezing for rapid ice formation, and the removable anti-bacterial door gasket.

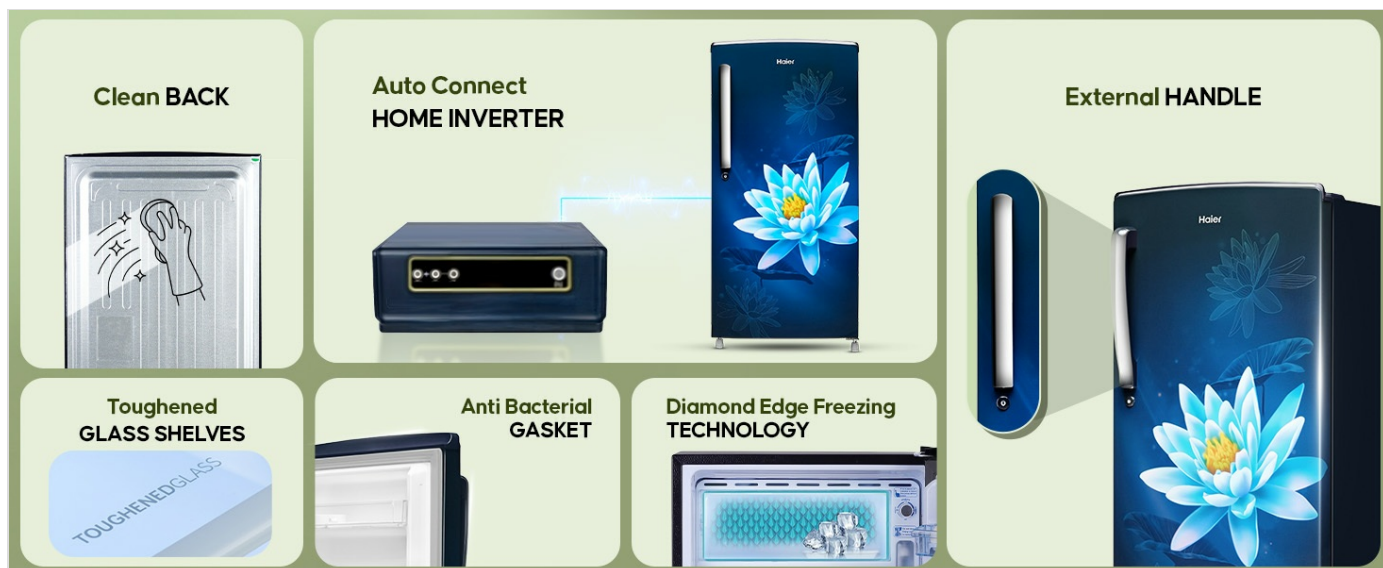


Figure 3.3: Features demonstrating stabilizer-free operation within a wide voltage range and automatic inverter connectivity for continuous power.

4. SETUP AND INSTALLATION

4.1 Unpacking

Carefully remove all packaging materials, including foam and adhesive tape. Inspect the refrigerator for any damage. Keep packaging materials out of reach of children.

4.2 Placement

- Place the refrigerator on a firm, level surface to prevent vibrations and noise.
- Ensure adequate ventilation. Maintain a minimum distance of 10 cm (4 inches) from the back wall and 5 cm (2 inches) from the sides to allow for proper air circulation.
- Avoid direct sunlight and heat sources (e.g., stoves, radiators) to optimize cooling efficiency.
- Do not install in areas with high humidity.

4.3 Initial Cleaning

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

4.4 Power Connection

After placing the refrigerator, wait for at least 2-4 hours before plugging it into a power outlet. This allows the refrigerant to settle. Connect the refrigerator to a dedicated, properly grounded electrical outlet. The appliance supports stabilizer-free operation within 135V-290V.

4.5 Door Reversal (Optional)

The door hinge is factory-set for right-hand opening. If you wish to reverse the door opening direction, please contact authorized service personnel.

5. OPERATING INSTRUCTIONS

5.1 Temperature Control

The temperature inside the refrigerator is controlled by a thermostat dial, usually located inside the fresh food compartment. Turn the dial to adjust the cooling level. A higher number typically indicates colder temperatures. Start with a medium setting and adjust

as needed based on ambient temperature and food load.

5.2 Manual Defrosting

As a direct-cool refrigerator, frost will accumulate in the freezer compartment. Manual defrosting is required when the frost layer reaches approximately 5mm (0.2 inches) thick.

1. Unplug the refrigerator 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 remove frost, 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 a few hours before returning food items.



Figure 5.1: The freezer compartment featuring Diamond Edge Freezing Technology for efficient ice formation.

5.3 Food Storage Guidelines

- Store cooked foods and dairy products on upper shelves.
- Raw meat and fish should be stored on the lowest shelf, in sealed containers, to prevent dripping onto other foods.
- Fruits and vegetables should be stored in the vegetable crisper drawer.
- Ensure all food is covered or sealed to prevent odor transfer and maintain freshness.
- Avoid placing hot food directly into the refrigerator; allow it to cool down first.

6. MAINTENANCE

6.1 Cleaning the Interior

Clean the interior regularly with a solution of mild detergent and warm water. For stubborn stains, use a baking soda solution. Rinse with clean water and dry thoroughly. The anti-bacterial gasket can be easily removed for cleaning.

6.2 Cleaning the Exterior

Wipe the exterior surfaces with a soft cloth dampened with mild detergent. For the back of the refrigerator, the "Clean Back" design minimizes dust accumulation and allows for easier cleaning. Avoid abrasive cleaners or solvents.



Figure 6.1: Overview of features including the easy-to-clean back panel and the removable anti-bacterial gasket.

6.3 Power Saving Tips

- Do not open the door frequently or leave it open for extended periods.
- Ensure the door gasket is clean and seals properly.
- Avoid overfilling the refrigerator, as this can obstruct air circulation.
- Defrost regularly to prevent excessive ice buildup.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Refrigerator does not operate.	No power, plug loose, fuse blown.	Check power supply, plug firmly, check fuse/circuit breaker.
Refrigerator is not cold enough.	Door not closed properly, frequent door opening, thermostat set too warm, excessive food load, poor ventilation.	Ensure door is sealed, reduce door openings, adjust thermostat to colder setting, do not overload, ensure proper clearance around unit.
Excessive frost buildup.	Door left open, warm food placed inside, high humidity.	Ensure door is closed, allow food to cool before storing, perform manual defrost.
Unusual noises.	Refrigerator not level, objects touching the back, normal operating sounds.	Adjust leveling feet, move objects away from the unit. Gurgling or humming sounds are normal.

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

8. SPECIFICATIONS

Feature	Detail
Brand	Haier

Feature	Detail
Model	HED-182ML-N
Capacity	175 Litres
Fresh Food Capacity	161 Litres
Freezer Capacity	14 Litres
Energy Rating	2 Star
Annual Energy Consumption	192 Kilowatt Hours Per Year
Defrost System	Manual
Installation Type	Freestanding
Colour	Marine Lotus
Voltage	230 Volts
Dimensions (WxHxD)	53.3 cm x 111.3 cm x 57 cm
Item Weight	31 kg
Shelf Type	Toughened Glass
Special Features	Anti Bacterial Gasket, Auto Connect to Home Inverter, Diamond Edge Freezing Technology, External Body Handle, Lock & Key, Stabilizer Free Operation (135v-290v)
Included Components	1 Refrigerator Unit, Egg Tray, Ice Tray, Keys



Figure 8.1: Visual representation of refrigerator dimensions and the annual energy consumption label.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Your Haier refrigerator comes with a **1-year comprehensive warranty** on the product and a **10-year warranty** on the compressor. The warranty period begins from the date of purchase. To avail warranty services, please retain your purchase invoice.

9.2 Customer Support

For any queries, service requests, or technical assistance, please contact Haier customer support. You can find contact details on the official Haier website or your warranty card. The user manual can also be accessed from the brand's website.

For more information, visit the official [Haier Store on Amazon](#).