

Haier

User Manual



Refrigerator-Freezer
HRF330TG
HRF330TW
HRF330TS

Contents

<u>4 Intended use</u>	•	
<u>5 Safety information</u>	•	
		<u>Before first use</u> 5
		<u>Installation</u> 5
		<u>Daily use</u> 6
<u>9 Installation</u>	•	
<u>14 Product description</u>	•	
<u>15 Use</u>	•	
		<u>Before first use</u> 15
		<u>Temperature control</u> 16
<u>21 Energy tips</u>	•	
<u>22 Care and cleaning</u>	•	
<u>24 Technical data</u>	•	
<u>25 Troubleshooting</u>	•	

Thank you

Thank you for purchasing a Haier Product.

Please read these instructions carefully before using this appliance. The instructions contain important information which will help you get the best out of the appliance and ensure safe and proper installation, use and maintenance.

Keep this manual in a convenient place so you can always refer to it for the safe and proper use of the appliance.

If you sell the appliance, give it away, or leave it behind when you move house, make sure you also pass this manual so that the new owner can become familiar with the appliance and safety warnings.



WARNING – Important Safety information



NOTICE-General information and tips



Environmental information



Disposal

Help protect the environment and human health. Put the packaging in applicable containers to recycle it. Help to recycle waste of electrical and electronic appliances. Do not dispose appliances marked with this symbol with the household waste. Return the product to your local recycling facility or contact your municipal office.



WARNING!

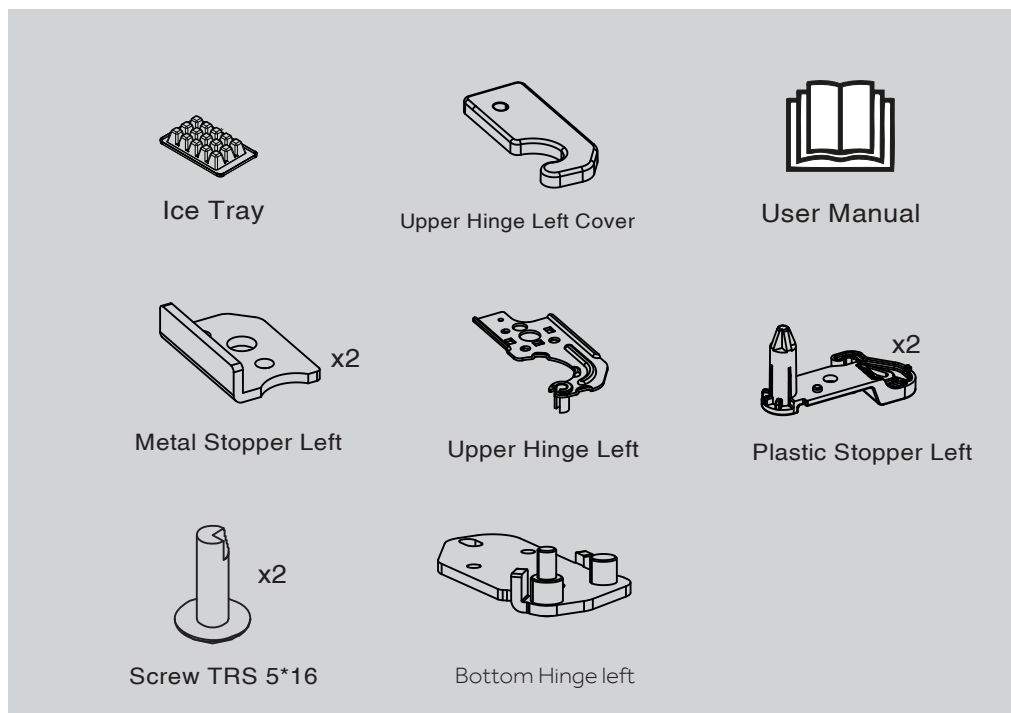
Risk of injury or suffocation!

Refrigerants and gases must be disposed of professionally. Ensure that the tubing of the refrigerant circuit is not damaged before being properly disposed of. Disconnect the appliance from the mains supply. Cut off the mains cable and dispose of it. Remove the trays and drawers as well as the door catch and seals, to prevent children and pets to get closed in the appliance.

Intended use

Accessories

Check the accessories and literature in accordance with this list:



Intended use

This appliance is intended to be used in household and similar applications such as

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

Before switching on the appliance for the first time read the following safety guidance:



WARNING!

Before first use

- ▶ Make sure there is no transport damage.
- ▶ Remove all packaging and keep out of children's reach
- ▶ Wait at least two hours before installing the appliance in order to ensure the refrigerant circuit is fully efficient.
- ▶ Handle the appliance always with at least two persons because it is heavy.

Installation

- ▶ The appliance should be placed in a well-ventilated place. Ensure a space of at least 10 cm above and around the appliance.
- ▶ Never place the appliance in a damp area or location where it might be splashed with water. Clean and dry water splashes and stains with a soft clean cloth.
- ▶ Do not install the appliance in direct sunlight or in the near of heat sources (e.g. stoves, heaters).
- ▶ Install and level the appliance in an area suitable for its size and use.
- ▶ Keep ventilation openings in the appliance or in the in-built structure clear of obstruction.
- ▶ Make sure that the electrical information on the rating plate agrees with the power supply. If it does not, contact an electrician.
- ▶ The appliance is operated by a 220-240 VAC/50 Hz power supply. Abnormal voltage fluctuation may cause the appliance to fail to start, or damage to the temperature control or compressor, or there may be an abnormal noise when operating. In such case, an automatic regulator shall be mounted.
- ▶ Do not use multi-plug adapters and extension cables
- ▶ Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- ▶ Ensure that the power cable is not trapped by the refrigerator. Do not step on the power cable.

Safety information



WARNING!

- ▶ Use a separate earthed socket for the power supply which is easy accessible. The appliance must be earthed. Only for UK: The appliance's power cable is fitted with 3-cord (grounding) plug that fits a standard 3-cord (grounded) socket. Never cut off or dismount the third pin (grounding). After the appliance is installed, the plug should be accessible.
- ▶ Do not damage the refrigerant circuit.

Daily use

- ▶ This appliance can be used by children aged from 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 concerning use of the appliance in a safe way and understand the hazards involved.
- ▶ Children aged from 3 to 8 years are allowed to load and unload, but not allowed to clean or install the refrigerating appliances.
- ▶ Keep away children under 3 years of age from the appliance unless they are constantly supervised.
- ▶ Children shall not play with the appliance.
- ▶ If cool gas or other inflammable gas is leaking in the vicinity of the appliance, turn off the valve of the leaking gas, open the doors and windows and do not unplug a plug in the power cable of the refrigerator or any other appliance.
- ▶ Notice that the appliance is set for operation at a specific ambient range between 10 and 43°C. The appliance may not work properly if it is left for a long period at a temperature above or below the indicated range.
- ▶ Do not place unstable articles (heavy objects, containers filled with water) on top of the refrigerator, to avoid personal injury caused by falling or electric shock caused by contact with water
- ▶ Do not pull on the door shelves. The door may be pulled slant, the bottle rack, may be pulled away, or the appliance may topple.
- ▶ Open and close the doors only with the handles. The gap between the doors and between the doors and the cabinet is very narrow. Do not extend your hands in these areas to avoid pinching your fingers. Open or close the refrigerator doors only when there are no children standing within the range of door movement.



WARNING!

- ▶ Do not store or use inflammable, explosive or corrosive materials in the appliance or in the vicinity.
- ▶ Do not store medicines, bacteria or chemical agents in the appliance. This appliance is a household appliance. It is not recommended to store materials that require strict temperatures.
- ▶ Never store liquids in bottles or cans (besides high percentage spirits) especially carbonated beverages in the freezer, as these will burst during freezing.
- ▶ Check the condition of food if a warming in the freezer has taken place.
- ▶ Do not set unnecessarily low temperature in the refrigerator compartment. Minus temperatures may occur at high settings. Attention: Bottles can burst
- ▶ Do not touch frozen goods with wet hands (wear gloves). Especially do not eat ice lollies immediately after removal from the freezer compartment. There is the risk to freeze or the formation of frost blisters. FIRST aid: keep immediately under running cold water. Do not pull away!
- ▶ Do not touch the inside surface of the freezer storage compartment when in operation, especially with wet hands, as your hands may freeze onto the surface.
- ▶ Unplug the appliance in the event of a power interruption or before cleaning. Allow at least 7 minutes before restarting the appliance, as frequent starting may damage the compressor.
- ▶ Do not use electrical devices inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
Maintenance / cleaning
- ▶ Make sure children are supervised if they carry out cleaning and maintenance.
- ▶ Disconnect the appliance from the electrical supply before undertaking any routine maintenance. Allow at least 5 minutes before restarting the appliance, as frequent starting may damage the compressor.

Safety information



WARNING!

- ▶ Hold the plug, not the cable, when unplugging the appliance.
- ▶ Do not clean the appliance with hard brushes, wire brushes, detergent powder, petrol, amyl acetate, acetone and similar organic solutions, acid or alkaline solutions. Please clean with special refrigerator detergent to avoid damage.
- ▶ Do not scrape off frost and ice with sharp objects. Do not use sprays, electric heaters like heater, hair dryer, steam cleaners or other sources of heat in order to avoid damage to the plastic parts.
- ▶ Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- ▶ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- ▶ Do not try to repair, disassemble or modify the appliance by yourself. In case of repair please contact our customer service.
- ▶ Eliminate the dust on the back of the unit at least once in the year to avoid hazard by fire, as well as increased energy consumption.
- ▶ Do not spray or flush the appliance during cleaning.
- ▶ Do not use water spray or steam to clean the appliance.
- ▶ Do not clean the cold glass shelves with hot water. Sudden temperature change may cause the glass to break.

Refrigerant gas information



WARNING!

The appliance contains the flammable refrigerant ISOBUTANE (R600a). Make sure the refrigerant circuit is not damaged during transportation or installation. Leaking refrigerant may cause eye injuries or ignite. If a damage has occurred, keep away open fire sources, thoroughly ventilate the room, do not plug or unplug the power cords of the appliance or any other appliance. Inform the customer service. In case of eyes get into contact with the refrigerant, rinse immediately it under running water and call immediately the eye specialist.



WARNING: Risk of fire/flammable material

The symbol indicates there is a risk of fire since flammable materials are used. Take care to avoid causing a fire by igniting flammable material.

Unpacking



WARNING!

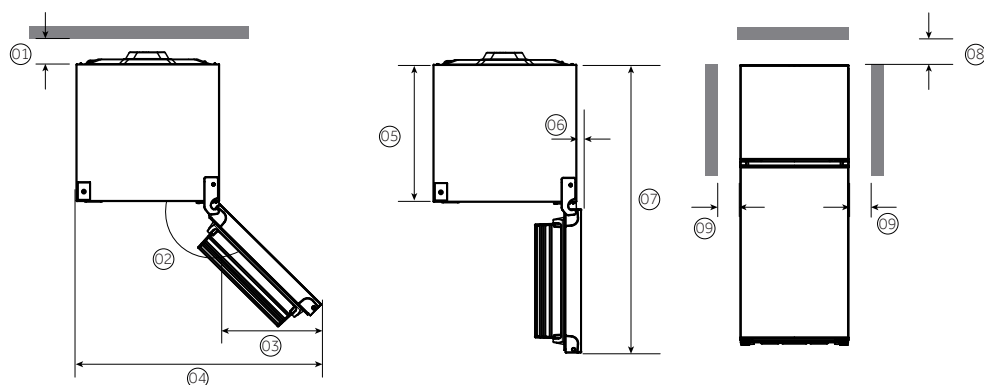
- ▶ The appliance is heavy. Always handle with at least two persons.
- ▶ Keep all packaging materials out of children's reach and dispose them in an environmentally friendly manner.
- ▶ Take the appliance out of the packaging in an environmentally friendly manner.
- ▶ Remove all packaging materials.

Environmental conditions

The room temperature should always be between 10°C and 43°C, since it can influence the temperature inside the appliance and its energy consumption. Do not install the appliance near other heat-emitting appliances (ovens, refrigerators) without isolation.

Space requirement

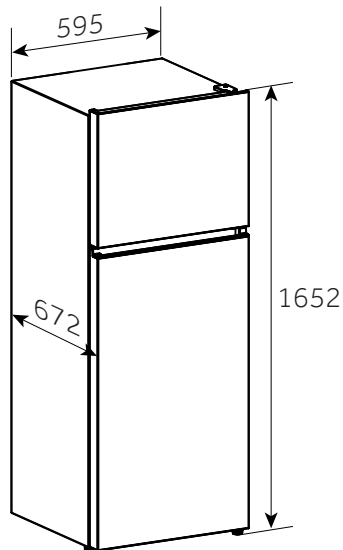
Required space when door is opened. (Without cabinet door panel)



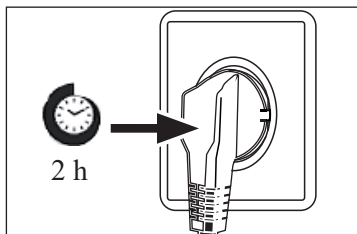
No.	Dimension (mm)
01	75 (Recommended)
02	135
03	423
04	1011
05	570
06	20
07	1195
08	50
09	50

Installation

Production Dimension



Refrigerator Size(W*D*H): 595x672x1652(mm)



Waiting time

It is recommended to leave the refrigerator unplugged for at least 2 hours after delivery. This will allow the refrigerator to stand upright and unplugged for a few hours, which the oil enough time to drain back into the compressor, ensuring it's properly lubricated when you first turn it on.

Electrical connection

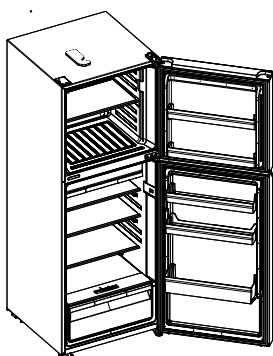
Before each connection check if:

- ▶ power supply, socket and fusing are appropriate to the rating plate.
- ▶ the power socket is earthed and no multi-plug or extension.
- ▶ the power plug to a properly installed household socket.

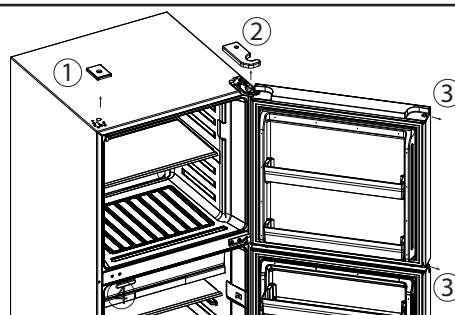


WARNING!

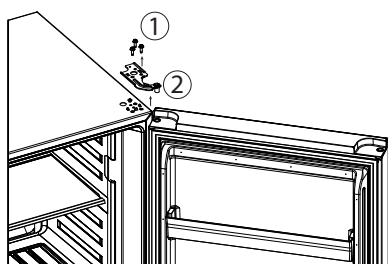
To avoid risks a damaged power cord must be replaced by the customer service (see warranty card).

DOOR REVERSIBILITY

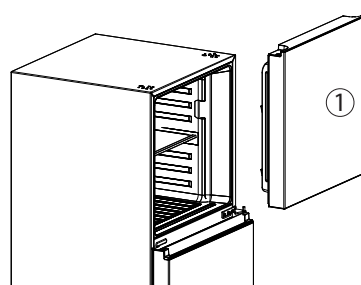
1. Prepare necessary tools such as a ratchet wrench, Phillips screwdriver, or stun gun. Unplug the power and empty the refrigerator.



2. Remove the decorative cover (1) and hinge cover (2) on the top of the product; remove the small hole plugs (3) on the left side of the refrigerator door and freezer door; remove the decorative cover (4) on the center beam.

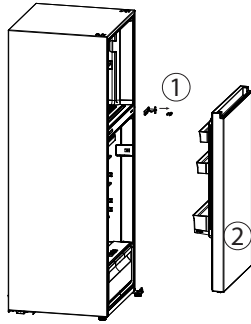


3. Use a ratchet wrench or a Phillips screwdriver to remove the upper hinge fixing screws (1) and remove the upper hinge (2).

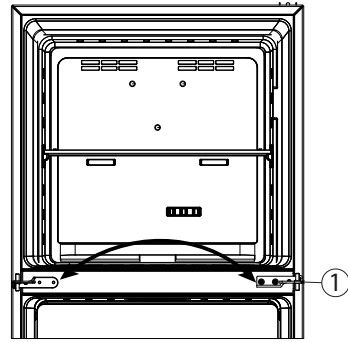


4. Remove the freezer door (1).

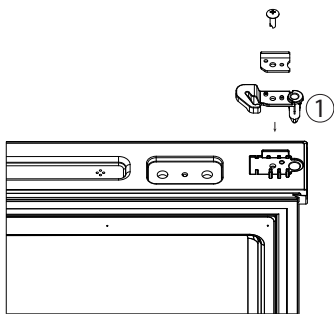
Installation



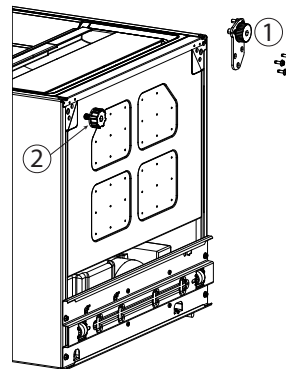
5. Use the same method to remove the middle hinge ① and the refrigerator door ②



6. Rotate the removed middle hinge ① 180° and install it on the left side of the box.

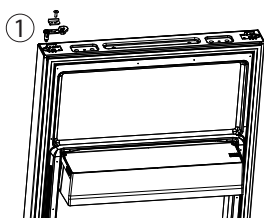


7. To prevent scratches, it is recommended to remove the door stopper ① on the right side of the bottom of the freezer door and refrigerator door and keep it together with the upper and lower hinges on the right side for future use.

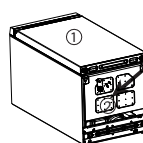


8. Remove the lower right hinge ① and left foot ② at the bottom of the product, keep the lower right hinge for use, and install the left foot to the right side.

WARNING: STAND THE PRODUCT UPRIGHT FOR AT LEAST 12 HOURS AFTER LAYING DOWN.



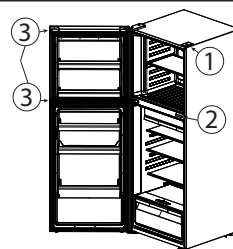
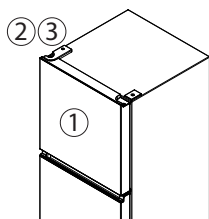
Remove the adjustable bottom foot of the lower right hinge in step 8 and install it onto the lower left hinge that came with the accessory door swap kit.



WARNING: STAND THE PRODUCT UPRIGHT FOR AT LEAST 12 HOURS AFTER LAYING DOWN.

9. Install the left door stopper① in the accessory bag on the left side of the freezer door and the refrigerator door according to the sequence shown in the figure.

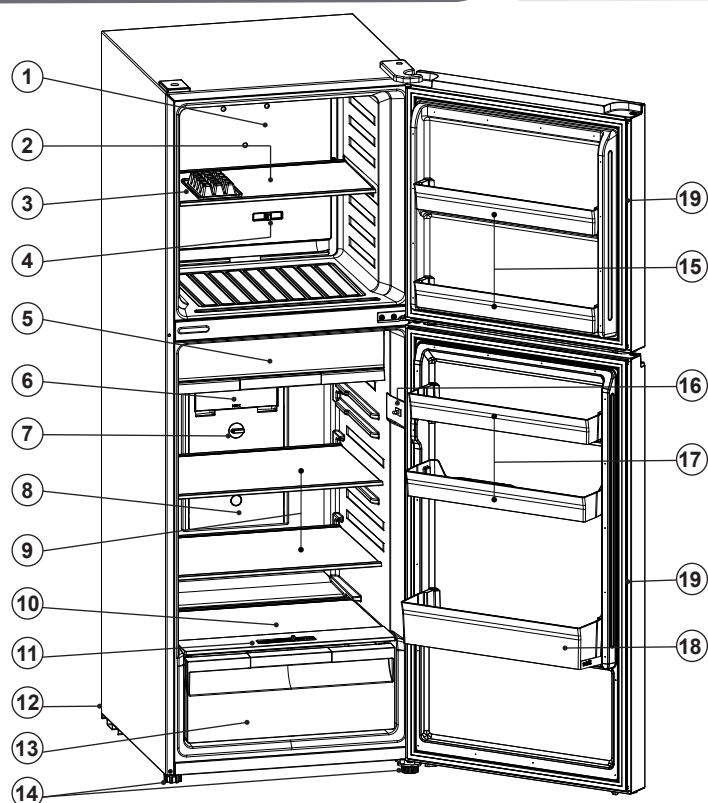
10. Install the refrigerated door① to the cabinet along the middle hinge axis, install the lower left hinge② in the accessory bag to the left side of the cabinet, and adjust the side of the door to be flush with the side of the cabinet.



11. Hang the freezer door① back on the left middle hinge, and adjust the door side and the cabinet side to be flush. Install the upper left hinge② and upper left hinge cover③ in the accessory bag to the left side of the countertop with screws.

12. Install the decorative cover on the top of the product①, center beam decorative cover②, freezer door axis hole plug③, and refrigerator door axis hole plug symmetrically to their original positions.

Product description



NOTE: Due to technical changes and different model, some of the illustrations in this manual may differ from your model.

- | | |
|-------------------------------------|--|
| 1. FREEZER PARTITION | 11. HUMIDITY CONTROL |
| 2. FREEZER GLASS TRAY | 12. DRAIN TRAY |
| 3. ICE CUBE TRAY | 13. CRISPER BOX |
| 4. FREEZER TEMPERATURE CONTROL | 14. LEVELING FEET |
| 5. CHILLER TRAY | 15. FREEZER RACK |
| 6. LED LIGHT | 16. DOOR SWITCH |
| 7. REFRIGERATOR TEMPERATURE CONTROL | 17. REFRIGERATOR RACK |
| 8. REFRIGERATOR PARTITION | 18. BOTTLE RACK |
| 10. CRISPER GLASS TRAY | 19. FREEZER - REFRIGERATOR DOOR GASKET |

Before first use

- ▶ Remove all packaging materials, keep them out of children's reach and dispose them in an environmentally friendly manner.
- ▶ Clean the inside and outside of the appliance with water and a mild detergent before putting any food in it.
- ▶ After the appliance has been levelled and cleaned, wait for at least 2-5 hours before connecting it to the power supply.
See Section INSTALLATION.
- ▶ Precool the compartments at high settings before loading with food.
- ▶ The refrigerator temperature and freezer temperature are automatically set to 4°C and -18°C respectively. These are the recommended settings. If desired, you can change these temperatures manually. Please see ADJUST THE TEMPERATURE.



NOTICE!

When the appliance is switched on after disconnection from the main power supply, it may take up to 12 hours for the correct temperatures to be reached. Empty the appliance before switching off. To switch off the appliance, pull the power cord out off the power socket.

Adjust the temperature

The internal refrigerator & freezer temperatures are influenced by the following factors:

Ambient temperature

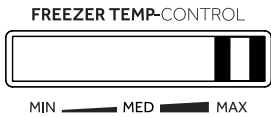
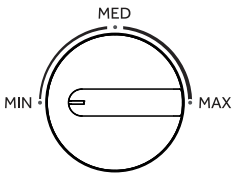
Frequency of door opening

Amount of stored foods

Installation of the appliance

TEMPERATURE CONTROL

The refrigerator compartment and freezer compartment can be set to refrigerate at the desired temperature. Once set, they maintain the desired temperature all year round, irrespective of outside temperature changes.

Freezer compartment	Knob control	Goal
	MAX	- To freeze foods quickly - To make ice quickly
	MED	- For normal use.
	MIN	- When minimal freezing is required.
Refrigerator compartment	Knob control	Goal
	MAX	- For food storage at colder temperature. - When the ambient temperature is high.
	MED	- For normal use.
	MIN	- For minor cooling.

■ Freezer compartment

1. For normal use, adjust the slide control to the "MED" position.
2. For the freezing of homemade foods or to make ice cubes quickly, set the temperature control knob of freezer compartment to the "MAX" position. (Afterwards, be sure to set the temperature control back to its normal position).

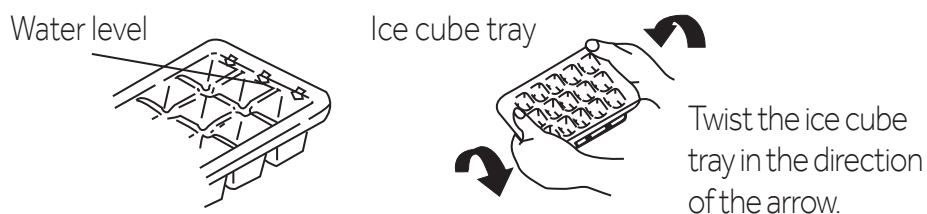
■ Refrigerator compartment

For daily use, adjust the temperature control at the "MED" position. To store foods at a lower or higher temperature, turn the temperature control to the "MIN" or "MAX" position.

To cool foods quickly, turn the temperature control to the "MAX" position. (Afterwards, be sure to set the temperature control back to its normal position).

MAKING ICE CUBES

1. Pour water into the ice cube tray to the water level mark, and then place the tray in the freezer compartment
2. When the ice is ready, use your hands to twist the ice cube tray so that the ice can easily be removed.
3. Store the ice in a bag or other storage container to best preserve and so you can make more ice with the tray.



FOOD STORAGE

1. Store foods such as fish and meats which require quick refrigeration towards the rear of the product.
2. Leave spaces among foodstuffs to help air circulation.
3. Foodstuffs which are easily dried should be well wrapped with waxed paper, aluminum foil or plastic film.
4. Wrap fish and smoked meats in moisture-vapor-proof material to prevent transfer of odors.
5. Pre-cool hot foods, wrap them with plastic film or put them in the airtight compartment.
6. Wipe the water on the surface of the bottles before storing them.
7. Do not store beverages and other items in glass bottles or pressurised containers. Items expand when frozen and glass can crack or explode.
8. Do not put vegetables which are likely to freeze towards the rear of the shelves.
9. If planning to keep fresh fish and meats for a long period, wrap them in freezer paper and store in the freezer compartment.

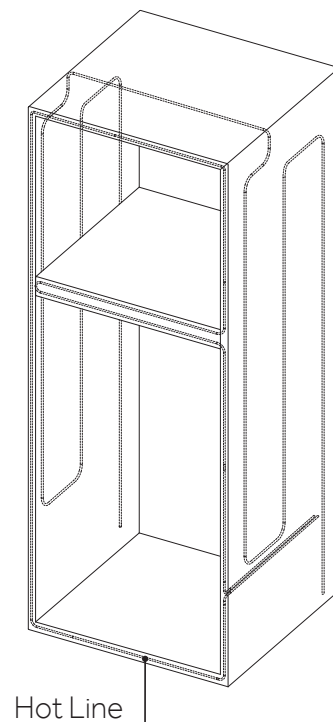
HOW TO DEFROST

Defrost will automatically operate, no manual adjustments are required. The defrosted water will drain into the evaporation tray and will automatically evaporate due to the compressor's temperature. The evaporation tray should be cleaned monthly for best results.

HOT LINE

As shown, the dotted line represents the pipe built into the refrigerator which prevents dew from developing by releasing heat. When compressor is running, the area along the hot line may feel warm but this has no effect on the storage compartment temperature.

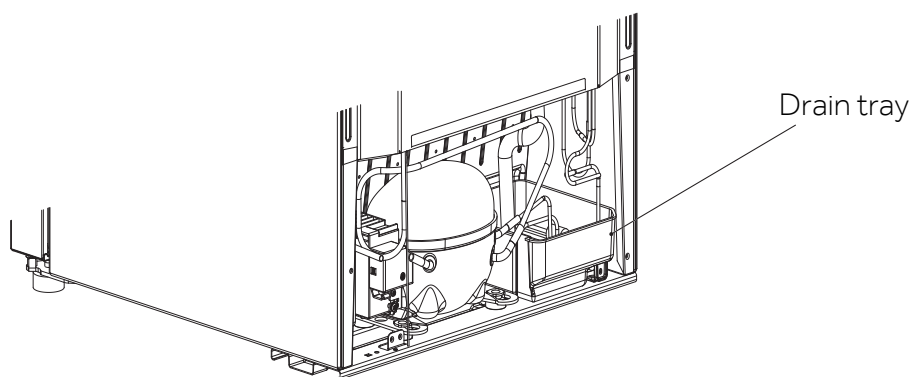
Note: Moisture develops on the cabinet. If hot days continue for some time or product is not installed in an appropriate place, condensation may develop. This is normal. Wipe off with a dry cloth.

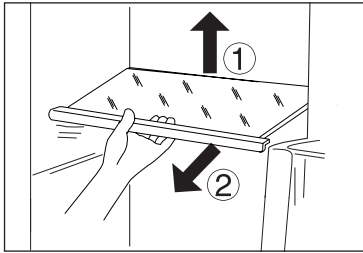
**THE COOLING METHOD**

1. This refrigerator uses indirect cooling method.
2. The cool air from the freezer will flow by fan and will cool all interior compartments of the refrigerator.
3. Frost accumulation will not impact the cooling temperature of the freezer.

CLEANING THE DRAIN TRAY

We recommend regularly cleaning the evaporation tray to maintain efficiency.





Adjustable shelves

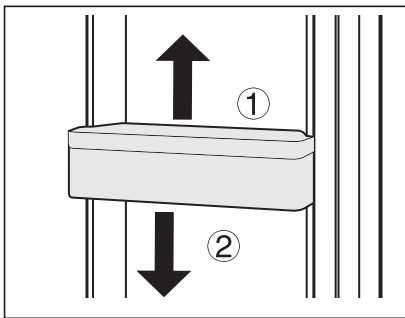
1. The height of the shelves can be adjusted to fit your storage needs.
2. To relocate a shelf, remove it first by lifting from the rear and pulling outwards.
3. To reinstall it, locate the lugs on both sides and push it to the most rearward position until the rear of the shelf is fixed



NOTICE!

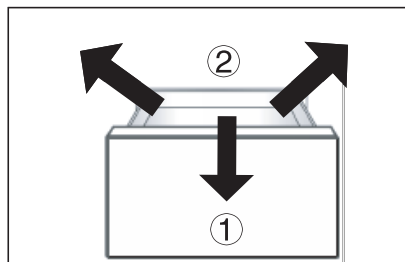
Ensure that all ends of a shelf are level.

Removable door racks/bottle holder



1. The door racks can be removed for cleaning:
2. Place hands on each side of the rack, lift upwards and pull out.
3. In order to insert the door rack, the above steps are carried out in reverse order.

Removable drawer



1. To remove the drawer, pull out to the maximum extent, lift and remove.
- In order to insert the drawer, the above steps are carried out in reverse order.

The Light

The LED interior light turns on when the door is opened. The light is not affected by any of the products other settings.



Energy saving tips

- ▶ Do not install the appliance in direct sunlight or in the near of heat sources (e.g. stoves, heaters).
- ▶ Avoid unnecessarily low temperatures in the appliance. The energy consumption increases the lower the temperature in the appliance is set.
- ▶ Allow warm food to cool down before placing it in the appliance.
- ▶ Open the appliance door as little and as briefly as possible.
- ▶ Do not overfill the appliance to avoid obstructing the air flow.
- ▶ Avoid air within the food packaging.
- ▶ Keep door seals clean so that the door always closes correctly.
- ▶ Defrost frozen food in the fridge storage compartment.

Care and cleaning



WARNING!

Disconnect the appliance from the power supply before cleaning.

Cleaning

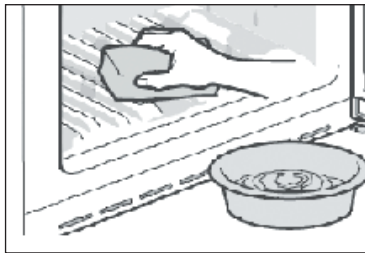
Clean the appliance when only little or no food is stored.

The appliance should be cleaned every four weeks for good maintenance and to prevent bad stored food odors.



WARNING!

- ▶ Do not clean the appliance with hard brushes, wire brushes, detergent powder, petrol, amyl acetate, acetone and similar organic solutions, acid or alkaline solutions. Please clean with gentle detergent to avoid damage.
- ▶ Do not spray the appliance during cleaning.
- ▶ Do not use steam to clean the appliance.
- ▶ Do not clean the cold glass shelves with hot water. Sudden temperature change may cause the glass to break.
- ▶ Do not touch the inside surface of the freezer storage compartment, to avoid risk of injury.
- ▶ If food has been taken out of the product for a long time during cleaning, check it is still safe to restore.



- ▶ Always keep the door gasket clean.
- ▶ Clean the interior surfaces and parts with a soft cloth/sponge and warm water with gentle detergent. (you may add neutral detergent into the warm water).

- ▶ 1. If there is liquid spilled, remove all the contaminated parts, directly rinse with water, dry and place it back into the fridge.
- ▶ 2. If there is spilled cream, please remove all the contaminated parts, put into the warm water about 40 °C, then rinse with water, dry and place it back into the fridge.
- ▶ 3. If anything gets stuck between the shelves or drawers, use a small soft bristled brush to help release it.

- ▶ Rinse and dry with soft cloth.
- ▶ Do not clean any of the parts of the appliance in a dishwasher.
- ▶ Allow at least 5 minutes before restarting the appliance as frequent starting may damage the compressor.

Defrosting

Defrost will automatically operate, no manual adjustments are required.

Replacing the LED-lamps



WARNING!

Do not replace the LED lamp yourself, it must only be replaced by either the manufacturer or the authorised service agent.

LED-lamp specifications:

Refrigerator compartment: 12 V max 2 W

Non-use for a longer period

If the appliance is not used for an extended period of time:

Take out the food.

Unplug the power cord.

Clean the appliance as described above.

Keep the doors open to prevent the creation of bad odours inside.



NOTICE!

Turn the appliance off only if strictly necessary.

Move the appliance upright wherever possible. If the appliance does need to be transported lying down, allow it to stand upright for 12 hours before turning it on. Failure to do so can allow oil from the compressor to block the refrigerant gas lines leading to product failure.



WARNING!

- ▶ Do not lift the appliance by its handles.
- ▶ Never place the appliance horizontally on the ground.

Technical data

Trade Mark	HAIER		
Model	HRF330TG	HRF330TW	HRF330TS
Category of the model	Refrigerator-freezer		
Voltage/frequency	220-240V ~/ 50Hz		
Energy Star	4.5Star		
Frost-free system	Yes		
Product Classification	5T		
Total storage volume(L)	311	311	311
Fresh food compartment Volume(L)	222	222	222
Freezer compartment Volume(L)	89	89	89
Climate class	T		
Refrigerant	R600a 54g		
Insulation blowing gas	Cyclopentane		
Dimension (DxWxH)	672x595x1652 mm		
Protection class	I		

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
1. The compressor does not work.	- The mains plug is not connected. - The appliance is in the defrost cycle.	- Connect the appliance to the mains power. - No action required during automatic defrosting.
2. It is not cold enough inside the appliance.	- Temperature setting is too high. - Warm items have been placed inside. - Too much food is stored. - Items are packed too closely. - The door or drawer is not properly closed. - The door or drawer has been opened too frequently or left open too long.	- Lower the temperature setting. - Allow food to cool before storing. - Avoid overloading. - Leave space between items to allow airflow. - Ensure the door or drawer is closed securely. - Minimise the frequency and duration of openings.
3. It is too cold inside the appliance.	Temperature setting is too low.	Increase the temperature setting.
4. Moisture formation on the inside of the refrigerator compartment.	- High ambient temperature and humidity. - Door or drawer is not sealed properly. - Door or drawer has been opened too frequently or left open too long. - Uncovered food or liquids are present.	- Increase the temperature slightly. - Ensure the door or drawer is sealed properly. - Reduce door openings. - Cool food before storing and cover all containers.
5. Moisture accumulates on the refrigerators outside surface or between the doors/drawer and drawer.	- High humidity in the surrounding environment. - Warm air is entering due to improper sealing.	- This may occur in humid conditions and should reduce as humidity drops. - Ensure the door or drawer is tightly closed.
6. Strong ice and frost in the freezer compartment.	- Items are not properly packaged. - Door or drawer is not tightly closed. - Door or drawer has been opened too frequently or for too long. - Gasket is dirty, worn, or misaligned. - Internal components are obstructing closure.	- Package items appropriately. - Ensure the door or drawer is closed fully. - Reduce the frequency and duration of door openings. - Clean or replace the gasket if necessary. - Adjust internal components to allow full closure.
7. The sides of the cabinet and door strip get warm.	This is normal.	
8. The appliance makes abnormal sounds.	- The appliance is not level. - It is in contact with nearby objects.	- Level the appliance using the adjustable feet. - Remove objects in contact with the appliance.
9. A slight sound is to be heard similar to that of flowing water.	The fridge storage compartment door is open.	Close the door or silence the alarm manually.
10. You will hear a faint hum.	The anti-condensation system is working.	This prevents condensation and is normal.
11. The interior lighting or cooling system does not work.	- The mains plug is not connected. - Power supply is interrupted. - LED lamp is faulty.	- Connect the appliance to the mains power. - Check the power supply or contact an electrician. - Contact service to replace the LED lamp.



Haier