

Haier

User Manual

Refrigerator-Freezer

HRF590YHC

HRF590YHS

HRF590YPC

HRF590YPS

HRF590YZC



<u>4 Safety information</u>	•	<u>Before first use</u>	<u>6</u>
		<u>Installation</u>	<u>6</u>
		<u>Daily use</u>	<u>7</u>
<u>9 Intended use</u>	•		
	•		
	•		
<u>13 Control panel</u>	•	<u>Adjust the temperature for fridge</u>	<u>17</u>
		<u>Adjust the temperature for freezer</u>	<u>18</u>
		<u>Super-Cool function</u>	<u>19</u>
		<u>Super-Frz. function</u>	<u>19</u>
		<u>ECO function</u>	<u>20</u>
		<u>Wi-Fi mode</u>	<u>22</u>
<u>37 Equipment</u>	•		
<u>39 Energy saving tips</u>	•		
<u>40 Care and cleaning</u>	•		
<u>43 Troubleshooting</u>	•		
<u>47 Installation</u>	•		
<u>54 Technical data</u>	•		

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.

Accessories

Check the accessories and literature in accordance with this list:



wrench



Warranty
card



User manual



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 house hold waste. Return the product to your local recycling facility or contact your municipal office.



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.



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 in the appliance.

Disposal

- Do not damage the refrigerant circuit.
- The flammable refrigerant gas must be safely removed by a qualified service technician.
- The thermal insulation foam in this appliance contains flammable insulation which can emit gases. Any exposed foam may be highly flammable and must be carefully treated during disposal.

WARNING: Risk of child entrapment. Before you throw away your old refrigerator or freezer, the doors and panels should be removed and the racks left in place so that children may not easily climb inside.

Check the water supply (for Ice and Water models only)

- Ensure that there is a separate water supply connection for the appliance.

Your appliance must be installed by a qualified appliance installer as incorrect plumbing can lead to water leaks.

Haier is not liable for damage (including water damage) caused by faulty installation or plumbing.

The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

Avoid contact with the moving parts of the ice maker ejector mechanism, and do not place your fingers on the automatic ice-making mechanism while the appliance is in operation.

It is hazardous for anyone other than an Authorised service Person to service this appliance. In Queensland - the authorized Service Person MUST hold a Gas Work Authorisation for hydrocarbon refrigerants, to carry out Servicing or repairs which involve the removal of covers.

- Connect to potable water supply only.

The water connection to your Ice and water appliance must be installed by a qualified plumber or Fisher & Paykel trained and supported service technician and comply with all state and local laws.

Installation and use MUST comply with all state and local plumbing codes. Check with your local public works department for plumbing codes. You must follow their guidelines as you install the water filtration system.

Your water filtration system can withstand up to 120psi (827kPa) of water pressure.

If a pressure limiting valve is supplied, ensure that it is installed before installing the water filtration system. DO NOT install if water pressure exceeds 120psi (827kPa).



R600a

This appliance contains flammable refrigerant isobutane (R600a).

Before switching on the appliance for the first time read the following safety hints!



WARNING!

Before first use

- ▶ Make sure there is no transport damage.
- ▶ 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 near 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.
- ▶ Use a separate earthed socket for the power supply which is easily accessible. The appliance must be earthed.
- ▶ Do not damage the refrigerant circuit.



WARNING!

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 children under 3 years of age away from the appliance unless they are constantly supervised.
- ▶ Children shall not play with the appliance.
- ▶ If cool gas or other flammable 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 out of alignment, 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.
- ▶ 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. Minor 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.



WARNING!

Daily use

- ▶ 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.
- Should be a heading
- ▶ 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.
- ▶ 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, hair dryers, 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.
- ▶ Remove the dust on the back of the unit at least once a 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

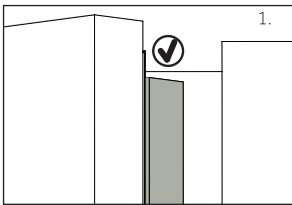
- ▶ The appliance contains the flammable refrigerant ISOBUTANE (R600a). Make sure the refrigerant circuit is not damaged during transportation or installation. Leaking refrigerant may cause eye injuries or ignite. If a damage has occurred, keep away open fire sources, thoroughly ventilate the room, do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

Intended use

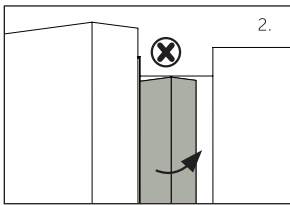
This appliance is intended for cooling and freezing food. It has been designed exclusively for use in household and similar applications such as staff kitchen areas in shops, offices and other working environments; farm houses and by clients in hotels, motels and other residential type environments as well as in bed-and-breakfast and catering businesses. It is not intended for commercial or industrial use. Changes or modifications to the device are not allowed. Unintended use may cause hazards and loss of warranty claims.



CAUTION!



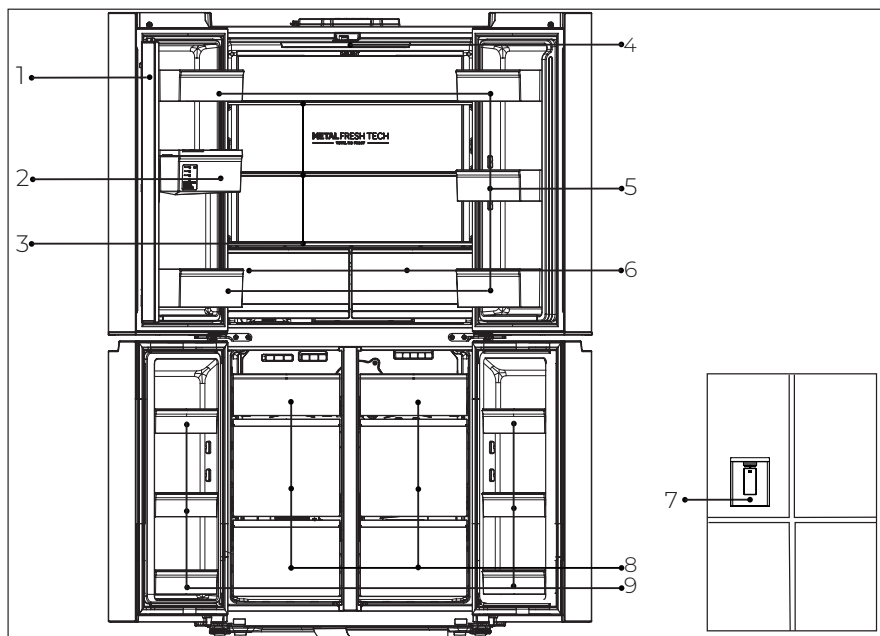
When you close the door, the vertical door strip on the left door should be bent inside (1).



If you try to close the left door and the vertical door strip is unbent (2), you should bend it firstly, otherwise the door strip will hit the fixing shaft or right door. Thus a damage to the door slip or a leak will occur.

There is a heating thread inside the frame. The temperature of the surface will rise a little, which is normal and won't affect the function of appliance.

HRF590YHS/HRF590YHC



A: Refrigerator compartment

B: Freezer compartment

1 Flapper

8 Freezer drawers

2 Water tank

9 Door shelves

3 Glass shelves

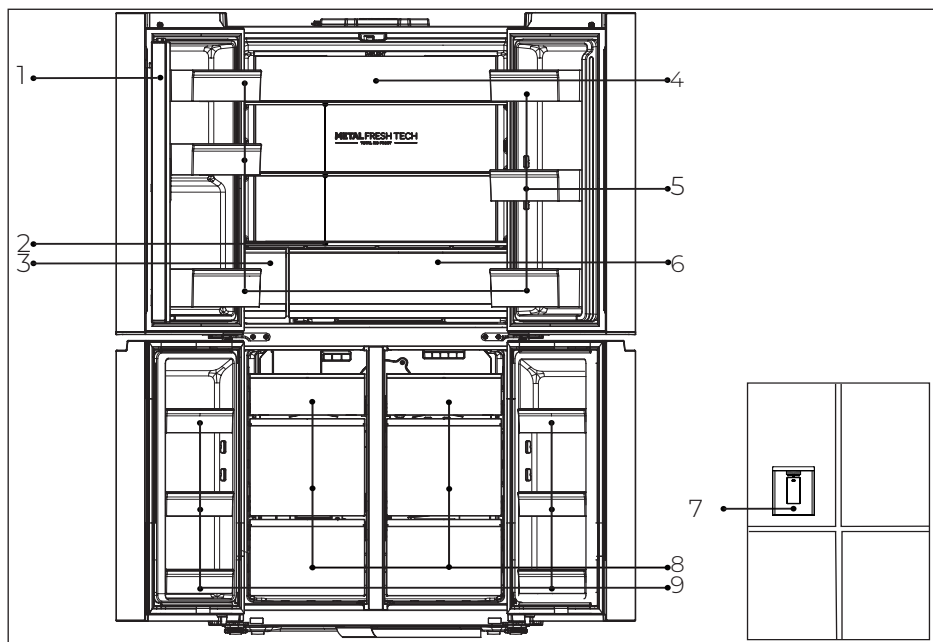
4 Light

5 Door shelves

6 Refrigerator drawers

7 Dispenser

HRF590YPS/HRF590YPC



A: Refrigerator compartment

1 Flapper

2 Glass shelves

3 Waterway module

4 Fridge compartment light

5 Door shelves

6 Refrigerator drawers

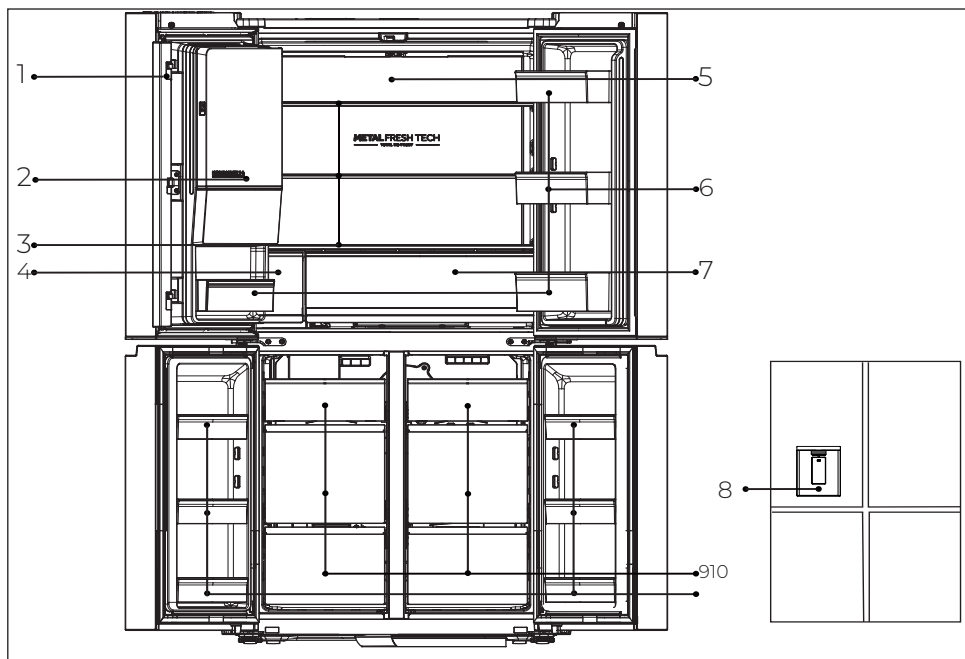
7 Dispenser

B: Freezer compartment

8 Freezer drawers

9 Door shelves

HRF590YZC



A: Refrigerator compartment

B: Freezer compartment

1 Flapper

8 Freezer drawers

2 Ice maker

9 Door shelves

3 Glass shelves

4 Waterway module

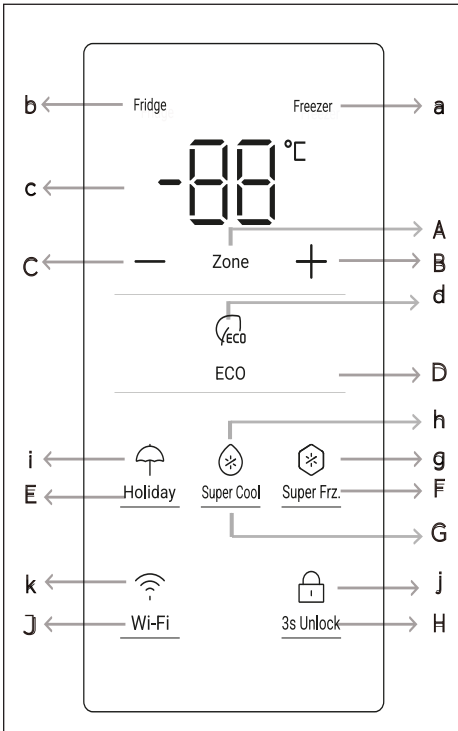
5 Fridge compartment light

6 Door shelves

7 Refrigerator drawers

8 Dispenser

HRF590YHS/HRF590YHC



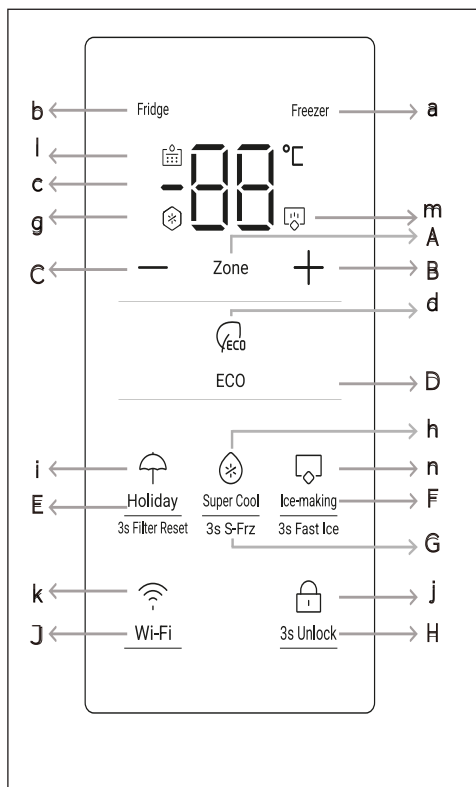
Keys:

- A Fridge & Freezer temperature mode switchover selector
- B Raise the temperature function selector
- C Reduce temperature function selector
- D ECO function selector
- E Holiday function selector
- F Super Frz. function selector
- G Super Cool function selector
- H Panel lock/unlock function selector
- J Wi-Fi function selector

Indicators:

- a Freezer indicator
- b Fridge indicator
- c Temperature display function
- d ECO function
- g Super Frz. function
- h Super Cool function
- i Holiday function
- j Lock/unlock function
- k Wi-Fi function

HRF590YPS/HRF590YPC



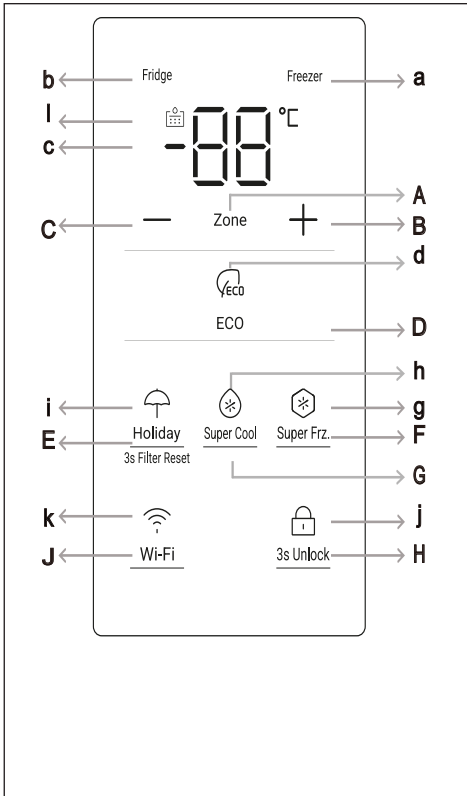
Keys:

- A Fridge & Freezer temperature mode switchover selector
- B Raise the temperature function selector
- C Reduce temperature function selector
- D ECO function selector
- E Holiday function selector
- F Ice Maker function selector
- G Super Cool/Super Frz. function selector
- H Panel lock/unlock function selector
- J Wi-Fi function selector

Indicators:

- a Freezer indicator
- b Fridge indicator
- c Temperature display function
- d ECO function
- g Super Frz. function
- h Super Cool function
- i Holiday function
- j Lock/unlock function
- k Wi-Fi function
- l Filter replacement reminder function
- m Fast ice making function
- n Ice-making function

HRF590YZC

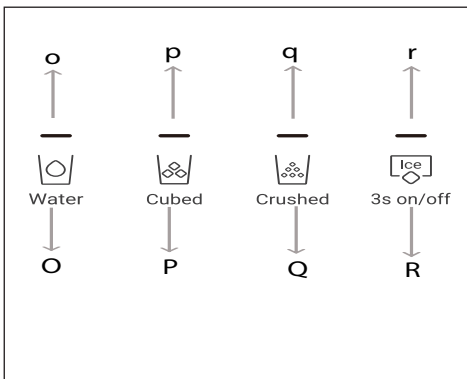


Keys:

- A Fridge & Freezer temperature mode switchover selector
- B Raise the temperature function selector
- C Reduce temperature function selector
- D ECO function selector
- E Holiday function selector
- F Super Frz. function selector
- G Super Cool function selector
- H Panel lock/unlock function selector
- J Wi-Fi function selector
- O Water Dispense function selector
- P Cubed ice function selector
- Q Crushed ice function selector
- R Ice maker mode selector

Indicators:

- a Freezer indicator
- b Fridge indicator
- c Temperature display function
- d ECO function
- g Super Frz. function
- h Super Cool function
- i Holiday function
- j Lock/unlock function
- k Wi-Fi function
- l Filter replacement reminder function
- o Water intake function
- p Cubed ice function
- q Crushed ice function
- r Ice maker mode



Before first use

- ▶ Remove all the packaging, especially the white EPS foam on both sides of the refrigeration duct and keep out of children's reach. dispose of 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.
- ▶ Pre-cool the compartments at high settings before loading with food. The function Power- Freeze helps to cool down the compartments quickly.
- ▶ The refrigerator temperature and freezer temperature are automatically set to 5 °C and -18 °C respectively. These are the recommended settings. If desired, you can change these temperatures manually. Please see ADJUST THE TEMPERATURE.

Sensor keys

The buttons on the control panel are sensor keys, which already respond when lightly touched with the finger.

Switch on /off the appliance

The appliance is in operation as soon as it is connected to the power supply.

The fridge temperature and freezer temperature are automatically set to 5° C and -18° C respectively.

Maybe the panel lock is activating.



NOTICE

The appliance is preset to the recommended temperature of 5 °C (Refrigerator) and -18 °C (Freezer) . Under normal ambient conditions you do not need to set a temperature.

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 of the power socket.

Lock/unlock panel

Automatic lock: When the fridge doors are closed and there is no key operation within 30 seconds, the display screen will be automatically extinguished and locked.

Manual lock: When the display screen is unlocked, press the key "H" (Panel lock selector) and hold for 3 seconds, the buzzer rings once, the indicator "j" (Panel lock) illuminates, and the display is locked. Under Lock state, long press key 'H' for 3 seconds, the buzzer rings once, the indicator "j" (panel locked) has gone out, the panel lock will be unlocked.



Manual adjusting mode

If you want to manually adjust the temperature of the appliance, you can set the temperature via a temperature adjust button (refer to ADJUST THE TEMPERATURE)

Door alarm

Door alarm will trigger when the door remains open for an extended period or not closed properly, as a reminder.

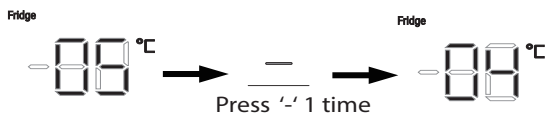
Adjust the temperature

The indoor temperatures are influenced by the following factors:

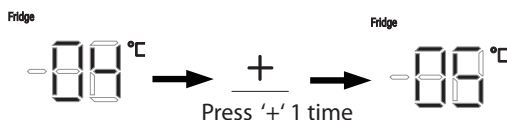
Ambient temperature, Frequency of door opening, Amount of stored foods, Installation of the appliance

Adjust the temperature for fridge

1. When the display screen is unlocked, press the button "A". The buzzer rings once, The indicator "b" flashes, and the appliance enters temperature setting mode.
2. Press the button "C" every time, the buzzer rings once, the set temperature of the fridge will be reduced by 1°C. The fridge temperature will display in the sequence of "9°C > 8°C > 7°C > 6°C > 5°C > 4°C > 3°C > 2°C > 1°C".



3. Press the button "B" every time, the buzzer rings once, the set temperature of the fridge will be increased by 1°C. The fridge temperature will display in the sequence of "1°C>2°C>3°C>4°C >4°C >5°C>6°C >7°C>8°C>9°C".



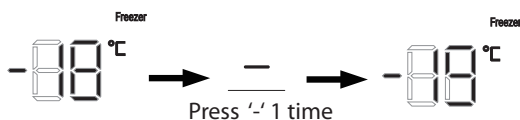
NOTICE

After setting the temperature, if there is no operation within 5 seconds, the system will automatically save the selected temperature.

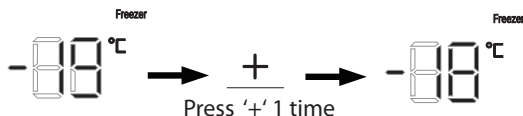
Adjust the freezer temperature

1. When the display screen is unlocked, press the button "A". The buzzer rings once, The indicator "a" flashes, and then here comes the temperature setting mode of the freezer.

2. Press the button "C" everytime, the buzzer rings once, the set temperature of the freezer will be reduced by 1°C. The freezer temperature will display in the sequence of "-14°C >-15°C >-16°C >-17°C >-18°C>-19°C>-20°C >-21°C >-22°C >-23°C >-24°C".



3. Press the button "B" every time, the buzzer rings once, the set temperature of the freezer will be increased by 1°C. The freezer temperature will display in the sequence of "-24°C >-23°C >-22°C>-21°C>-20°C >-19°C >-18°C>-17°C >-16°C >-15°C >-14°C".

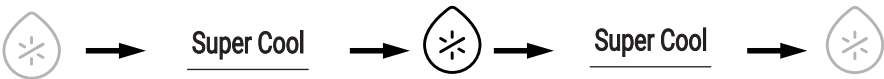


NOTICE

After setting the temperature, if there is no operation within 5 seconds, the system will be automatically determined and save the set temperature.

Super-Cool function

1. When the display screen is unlocked, Press and hold the button "G" , the buzzer rings once, the indicator "h" illuminates, and then the Super-Cool function will be turned on.
2. When the indicator "h" illuminates, Press and hold the button "G" , the buzzer rings once, the indicator "h" goes off, and then the Super-Cool function will be turned off.
3. After the Super-Cool function is turned on, the refrigerator will automatically turn off the function when it reaches the set condition. If you want to exit manually, you can press the button "G" to turn it off.



NOTICE

1. Under Super-cool state, the fridge temperature cannot be adjusted. If either button "C" (Temperature adjustment button "-") or button "B" (Temperature adjustment button "+") is pressed to adjust the temperature of fridge, the indicator "h" will flash with a prompt sound to indicate that this operation cannot be carried out.
2. In the state of Super-cool function, the ECO function cannot be turned on at the same time due to different control modes. When you choose one function that conflicts with another function, the original function will automatically exit.
3. The appliance quits "Super Cool function" after entering "Super Cool function" for 6 hours or pressing button "G" when the icon "h" (Super Cool function) is bright or turn it off from the App.

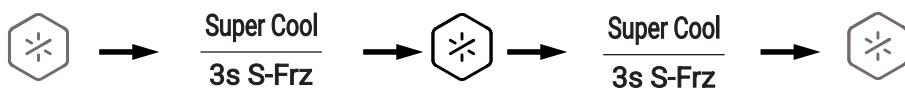
Super-Frz. function (Only for HRF590YHS/HRF590YHC/HRF590YZC)

1. When the display screen is unlocked, Press and hold the button "F" , the buzzer rings once, the indicator "g" illuminates, and then the Super-Frz. function will be turned on.
2. When the indicator "g" illuminates, Press and hold the button "F" , the buzzer rings once, the indicator "g" goes off, and then the Super-Frz. function will be turned off.
3. After the Super-Frz. function is turned on, the refrigerator will automatically turn off the function when it reaches the set condition. If you want to exit manually, you can press the button "F" to turn it off.



Super-Frz. function (Only for HRF590YPS/HRF590YPC)

1. When the display screen is unlocked, Press and hold the button "G" for 3 seconds, the buzzer rings once, the indicator "g" illuminates, and then the Super-Frz. function will be turned on.
2. When the indicator "g" illuminates, Press and hold the button "G" for 3 seconds, the buzzer rings once, the indicator "g" goes off, and then the Super-Frz. function will be turned off.
3. After the Super-Frz. function is turned on, the refrigerator will automatically turn off the function when it reaches the set condition. If you want to exit manually, you can press the button "G" to turn it off.



NOTICE

1. Under Super-Frz. state, the freezer temperature cannot be adjusted. If either button "C" (Temperature adjustment button "-") or button "B" (Temperature adjustment button "+") is pressed to adjust the temperature of freezer, the indicator "g" will flash with a prompt sound to indicate that this operation cannot be carried out.
2. Super-Frz. function is designed to keep nutritional value of frozen food, it will be freeze food in the shortest time. At this time, the freezing speed of the freezer is improved, food can be frozen quickly, the nutrition of food is effectively kept, and the storage becomes quiet. If you need to freeze a large amount of food once, it is recommended to set the Super Freeze function on ahead for 24 hours before the usage of freezer compartment.
3. In the state of Super-Frz. function, the ECO function cannot be turned on at the same time due to different control modes. When you choose one function that conflicts with another function, the original function will automatically exit.
4. The appliance quits "Super Freeze function" after entering "Super Freeze function" for 50 hours or pressing button "F" (HRF590YHS/HRF590YHC/HRF590YZC) or "G" (HRF590YPS/HRF590YPC) when the icon "g" (Super Freeze function) is HRF590YPS/HRF590YPC bright or turn it off from the App.

ECO function

The Eco Mode can be activated to optimize the performance of the appliance, whereas obtaining the best food storage. If you do not have any special requirements, we recommend that you use Eco Mode function.

This mode the fridge temperature is 5°C, the freezer temperature is -18°C.

1. When the display screen is unlocked, press the button "D", the buzzer rings once, the indicator "d" illuminates, and then the ECO function will be turned on.
2. When the indicator "d" illuminates, press the button "D", the buzzer rings once, the indicator "d" goes off, and then the ECO function will be turned off.
3. By repeating the above steps or selecting another function or turning off from the App, this function can be switched off again. The previously set cooling levels are restored.



Holiday function

The Holiday function can be used to reduce the energy consumption of the appliance, when it is not used regularly. When the function is on, the fridge is turned off, whereas the freezer will keep working normally. The function sets the fridge temperature permanently to 17°C.

This allows to keep the door of the empty refrigerator closed without causing an odour or mold-during a long absence (e.g. during holiday). The freezer compartment is free for your setting.

1. When the display screen is unlocked, press the button "E", the buzzer rings once, the indicator "i" illuminates, and then the Holiday function will be turned on.
2. When the indicator "i" illuminates, press the button "E", the buzzer rings once, the indicator "i" goes off, and then the Holiday function will be turned off.



NOTICE

1. During the Holiday function, no food should be stored in the fridge compartment. The temperature of 17°C is too high for storing food.
2. For the HRF590YZC, when activating the Holiday function, please promptly remove the ice from the ice storage compartment inside the door to prevent the ice from melting and flowing out. When the Holiday mode is activated, the ice maker function is turned off.

Wi-Fi function

Your appliance can be connected to your home wireless network and operated remotely using the app.

Under the display screen is unlocked, press the button "J", the buzzer rings once, the indicator "k" illuminates and flashes, Wi-Fi mode is activated. When the indicator "k" illuminates, press the button "J" for 3 seconds, the buzzer rings once, the indicator "k" goes off, and then the Wi-Fi function turns off.

Getting started

Ensure your home WiFi network is turned on. You will be given step by step guidance on your mobile device. It may take up to 10 minutes to connect your appliance.

On your mobile device:

1. Download the app from www.haierconnect.com
2. Register and create an account.
3. Add your appliance and set up the WiFi connection.



Ice maker function (Only for HRF590YPS/HRF590YPC)

1. When the display screen is unlocked, press the button "F", the buzzer rings once, the indicator "n" illuminates, and then the Ice maker function will be turned on.
2. When the indicator "n" illuminates, press the button "F", the buzzer rings once, the indicator "n" goes off, and then the Ice maker function will be turned off.





NOTICE

1. The ice maker is off by default when the refrigerator is powered on for the first time.
2. The ice maker will automatically dispense ice into the ice storage bin and it will stop when it detects the bin is full. The longer the ice-making function operates, the more ice it will produce.
3. The ice storage capacity of the ice box can be automatically confirmed by the ice detector. (In order to correctly determine the ice storage capacity, do not place the ice cubes flatly) After the storage reaches a certain amount, stop ice-making. Please confirm the amount of ice stored in the ice box. If there is too much ice, it will not be able to make ice, or it may affect the normal opening and closing of the drawer.
4. If you are just beginning to use the ice maker, or it has not been used to make ice in a long time, you should discard the first several ice cubes, so that impurities in the water can get run out.
5. After stable operation of the refrigerator, the ice making time is approximately 125 minutes per time.
6. The ice release time may vary depending on the actual usage status of the refrigerator. When the following situations occur, the ice making time may be extended:
 - ①. Before the refrigerator is used for the first time and runs stably, it needs to wait for each room to cool down sufficiently before the automatic water filling and ice making process, so it takes about 24 hours or more to make ice cubes.
 - ②. When using the ice making function for the first time or for a long time without using it again, the first ice making may take more than 5 hours;
 - ③. When the refrigerator door is opened and closed multiple times, or when a large amount of food is put in at once;
 - ④. When the ice making process encounters defrosting of the refrigerator.
 - ⑤. When the room temperature is low or high, such as in winter or summer.
 - ⑥. When the surrounding environment of the refrigerator affects heat dissipation.

Fast Ice maker function (Only for HRF590YPS/HRF590YPC)

1. When the display screen is unlocked, Press and hold the "F" button for 3 seconds. the buzzer rings once, the indicator "m" illuminates, and then the Fast Ice-making function will be turned on.
2. When the indicator "m" illuminates, Press and hold the "F" button for 3 seconds, the buzzer rings once, the indicator "m" goes off, then the Fast Ice-making function will be turned off, and the Ice-making function will be turned on.



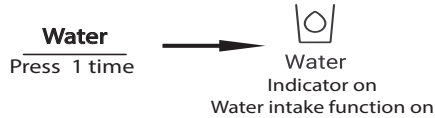
NOTICE

1. After the Fast Ice-making function is turned on, If you press the button "F" once, both the Fast ice-making function and the Ice-making function will be turned off.
2. After stable operation of the refrigerator, the shortest rapid ice making time is about 60 minutes per time for the cubed ice maker.
3. The first ice making time is relatively long, and then operate according to the shortest ice making time mentioned above. (This ice making time is tested at an ambient temperature of 25 °C without opening or closing the door.).
4. After about 6 hours of fast ice making, it will automatically exit to the normal ice making state.
5. The ice release time may vary depending on the actual usage status of the refrigerator, When the following situations occur, the ice making time may be extended:
 - ①. Before the refrigerator is used for the first time and runs stably, it needs to wait for each room to cool down sufficiently before the automatic water filling and ice making process, so it takes about 24 hours or more to make ice cubes.
 - ②. When using the ice making function for the first time or for a long time without using it again, the first ice making may take more than 5 hours;
 - ③. When the refrigerator door is opened and closed multiple times, or when a large amount of food is put in at once;
 - ④. When the ice making process encounters defrosting of the refrigerator.
 - ⑤. When the room temperature is low or high, such as in winter or summer.
 - ⑥. When the surrounding environment of the refrigerator affects heat dissipation.

Water intake function(Only for HRF590YZC)

Press the button “O” (Water Dispense function selector) to change the dispense mode to Water.

The indicator “o” (Water Dispense function) will illuminate



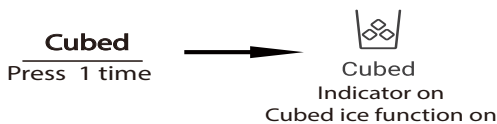
NOTICE

1. When the indicator 'o' (Water Dispense function) is illuminated, Press the Dispenser
2. When the water intake time reaches 75s, the refrigerator will beep and continue to dispense water until the time reaches 90s, the water will be cut off and the water valve will enter the 30s protection time, and then water intake can be carried out again.
3. When the cumulative water intake time reaches 3min within 5min, the water valve enters the 120s protection time, and then water intake can be carried out again.

Cubed ice function(Only for HRF590YZC)

Press the button “P” (Cubed ice function selector) to change the dispense mode to Cubed Ice.

The indicator “p” (Cubed ice function) will illuminate.



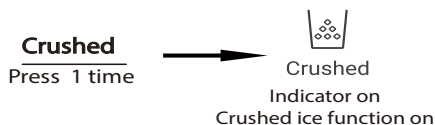
NOTICE

1. When the indicator 'p' (Cubed Ice function) is illuminated, press the Dispenser Paddle to dispense Cubed Ice.
2. Cubed Ice will be off when you first turn on the refrigerator.
3. When you stop pressing the Dispenser Paddle the Ice will stop.
4. After 50 seconds of Dispensing Cubed Ice an alarm will sound. After 1 minute of Dispensing
5. Cubed Ice it will automatically stop dispensing.
6. The Cubed Ice function will not work when the refrigerator left door is open.

Crushed ice function(Only for HRF590YZC)

Press the button “Q” (Crushed ice function selector) to change the dispense mode to Crushed Ice.

The indicator “q” (Crushed ice function) will illuminate.



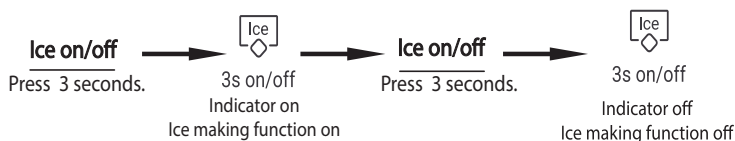
NOTICE

1. When the indicator 'q' (Crushed Ice function) is illuminated, Press the Dispenser Paddle to dispense Crushed Ice.
2. Paddled Ice will be off when you first turn on the refrigerator.
3. Crushed Ice will be off when you first turn on the refrigerator.
4. When you stop pressing the Dispenser Paddle the Ice will stop.
5. After 50 seconds of Dispensing Cubed Ice an alarm will sound. After 1 minute of Crushed Ice it will automatically stop dispensing.

Ice maker mode(Only for HRF590YZC)

1. Press and hold the 'R' (Ice Maker mode selector) button for 3 seconds. the buzzer rings once, the indicator 'r' (Ice Maker mode)" illuminates, and then the Ice maker function will be turned on.

2. When the indicator 'r' illuminates, Press and hold the 'R' button for 3 seconds, the buzzer rings once, the indicator 'r' goes off, then Ice maker function will be turned off.



NOTICE

1. The ice maker is off by default when the refrigerator is powered on for the first time. If you want to use the Ice maker function, please turn it on manually.
2. Ice production will automatically stop when the ice storage bin is full.
3. If ice cubes remain in the storage bin for an extended period, they may clump together and become difficult to separate. In such cases, empty the ice storage bin and produce a new batch of ice.
4. You may occasionally hear some “crunching” sounds, but these are just normal sounds that are emitted during ice making, so do not worry.
5. When the ice maker mode is turned off, Ice on/off flashes when the user takes Cubed ice or Crushed ice, prompting the user that the ice maker function is off.

Filter reset function (Only for HRF590YPS /HRF590YPC/HRF590YZC)

When the refrigerator operates for six months, the reminder indicator “I” (Filter Reset function) will light up to remind users to replace with a new filter. When filter is replaced, hold the button “E” (Filter Reset function selector) for 3 seconds to cancel the reminder, the timing will reset with buzzer ringing.



NOTICE

The normal service life of filter is six months. It is recommended to replace the filter every six months.

To replace the water filter, lift open the water filter cover lid, turn the filter counter clockwise for quarter of a turn to remove the used filter, replace with new filter. Make sure the filter is properly fitted with correct orientation.

Using the water dispenser

Press the dispenser paddle with a glass or other container to dispense water.

Only for HRF590YHC/YHS



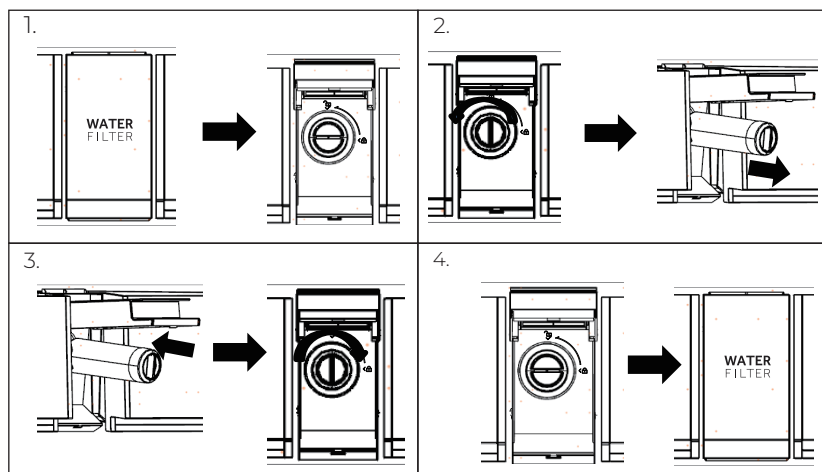
NOTICE

1. When the water intake time reaches 180s, the refrigerator will beep and the water will be cut off and the water valve will enter the 200s protection time, and then water intake can be carried out again.

2. When the cumulative water intake time reaches 4min within 5min, the water valve enters the 200s protection time, and then water intake can be carried out again.

Replacing the water filter(Only for HRF590YPC/HRF590YPS/HRF590YZC)

1. Up lift the water filter cover.
2. Remove the disposable water filter.
3. Replace with a new water filter. Insert the new filter into the filter head and rotate it clockwise until the arrow on the new filter lines up with the arrow on the filter head. Swing the filter back into the compartment.
4. Close the water filter cover.



5. Press and hold the "3Sec.Filter Reset" button for 3 seconds.
6. Dispense water for approximately 5 minutes to remove trapped air and contaminants.



CAUTION!

- ▶ Failure to replace filters when required or using non Haier authorised water filters can cause the filter cartridge to leak and result in property damage.

Water Filter

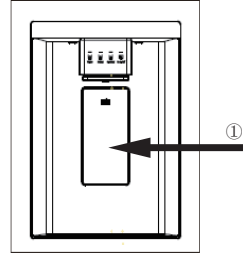
Model: Haier HRXWF

- ▶ System certified by IAPMO R&T against NSF/ANSI Standards 42, 53, 401 and P473 for the reduction of claims specified on the performance data sheet and at iapm.org.
- ▶ Actual performance may vary with local water conditions.

Using the ice and water dispenser(Only for HRF590YZC)

Press the dispenser selection button until the light above the indicator that you want illuminates.

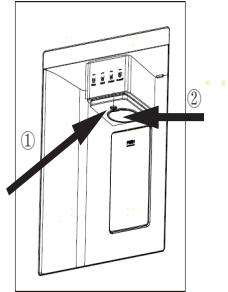
Press the dispenser paddle ① with a glass or other container to dispense cubed ice, water or crushed ice



Cleaning the dispenser

Cleaning the ice and water outlet

Wipe the water outlet ① or ice outlet ② frequently with a clean cloth as it may get dirty easily.



NOTICE

Lint from a cloth may adhere to the outlets.

Cleaning the dispenser tray

Wipe the entire area with a damp cloth. The dispenser tray may become wet easily due to spilled ice or water.

Automatic ice maker

Wip Automatic ice maker This feature is only available on some models. This feature may vary depending on model purchased.

Before using the in-door ice maker

This feature is only available on some models.

1. The ice maker is off by default when the refrigerator is powered on for the first time. If you want to use the Ice maker function, please turn it on manually.
2. If the ice bin is completely filled with ice, ice production will stop.
3. Sound of ice dropping into the ice bin is normal.
4. If ice cubes are stored in the ice bin for a long period of time, they may clump together and may not be separated easily. In such a case, empty the ice bin and allow fresh ice to be made.



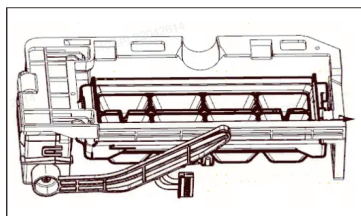
CAUTION

1. The first ice and water dispensed may include particles or odour from the water supply line or the water tank.
2. If discolored ice is dispensed, check the water tank and the water supply for a possible source. Do not use the ice or water until the problem is corrected.
3. Do not touch the ice outlet or the automatic ice maker with your hand or a tool.
4. Dispense ice into a glass before filling it with water or other beverages. Splashing will occur if ice is dispensed into a glass that already contains liquid.
5. Never use a glass that is exceptionally narrow or deep. Ice may jam in the ice passage, affecting the performance of the appliance.
6. Keep the glass at a proper distance from the ice outlet. A glass held too close to the outlet may prevent ice from dispensing.
7. Dispose of the ice inside the ice bin if you go on vacation or if an extended power outage occurs. Water from melting ice may drop from the dispenser onto the floor.
8. When taking ice, it is normal for the motor to make noise.
9. It is normal for the faucet to drip 2-3 drops occasionally after water intake.
10. After taking crushed ice, ice chips may stick to the ice channel, melt into water droplets and drip, which is a normal phenomenon.

In-door ice maker

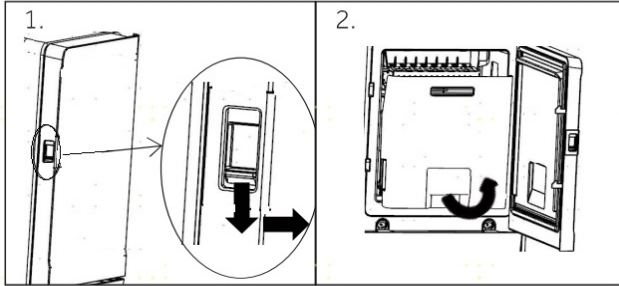
(Only for HRF590YZC)

The automatic ice maker can automatically make 100-190 cubes, within a 24-hour period if conditions are favorable. This amount may vary according to the environment, ambient temperature around the appliance, frequency of the door being opened, amount of food stored in the appliance, etc.



Removing/Refitting the ice storage bin(Only for HRF590YZC)

The ice dispensing chute may become blocked with frost if only crushed ice is used. Remove the frost that accumulates by removing the ice storage bin and clearing the passage with rubber spatula. Dispensing cubed ice periodically can also help prevent frost buildup. (following pictures is merely for illustration purposes)



1. Gently pull the handle to open the ice compartment.
2. To remove the ice storage bin, grip the front handle, slightly lift the lower part, and slowly pull out the bin as shown.
3. Refit the ice storage bin in the reverse sequence of their removal.



CAUTION

1. Do not touch the automatic ice maker's mechanical parts with your hand or any mechanical implement. Doing so may cause serious injury or damage to the appliance.
2. Do not disassemble, repair or alter the automatic ice maker. These tasks should only be done by a service technician.
3. Keep children away from the dispenser.
4. When refitting the ice storage bin, ensure that it is placed correctly.



CAUTION

Do not put this ice storage bin in water or sprinkle it! If you need to clean this ice storage bin. Please wipe it with wet soft cloth.

Application Guidelines/Water Supply Parameters

Service Flow: 0.5 gpm (1.89 lpm)

Water Supply: Potable Water

Water Pressure: 25-120 psi (172-827 kPa)

Water Temperature: 33°F-100°F (0.6°C-38°C)

Capacity: 170 gallons (643.5 liter)

Turn on/off the water dispenser blue light (only for HRF590YPC/HRF590YPS/HRF590YZC)

1. The water dispenser blue lights are turned on by default when the device is powered on.
2. When the display screen is unlocked, Press and hold the "A" button for 3 seconds, the buzzer rings once, water dispenser blue light will be turned off.
3. When the water dispenser blue light is in the off state, Press and hold the "A" button for 3 seconds, the buzzer rings once, water dispenser blue light will be turned on.

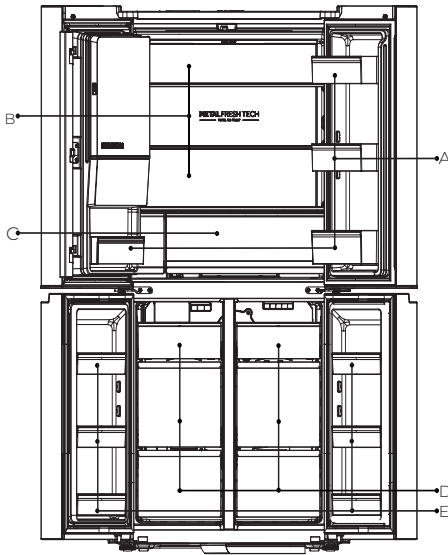
Tips on storing fresh food Storing into the refrigerator compartment

1. Keep your fridge temperature below 5°C.
2. Hot food must be cooled to room temperature before storing in the appliance.
3. Foods stored in the refrigerator should be washed and dried before storing.
4. Food to be stored should be properly sealed to avoid odour or taste alterations.
5. Do not store excessive quantities of food. Leave spaces between foods to allow air flowing around them, for a better and more.
6. Foods eaten daily should be stored at the front of the shelf.
7. Leave a gap between foods and the inner walls, allowing air flowing. In special way don't store foods against the rear wall: foods could freeze against rear wall. Avoid direct contact of food (especially oily or acidic food) with the inner liner as oil/acid can erode the inner liner. Clean away oily/acid dirt whenever it is found.
8. Defreeze frozen food in the fridge storage compartment. This way, you can use the frozen food to decrease the temperature in the compartment and save energy.
9. The ageing process of fruit and vegetables such as courgettes, melons, papaya, banana, pineapple, etc. can be accelerated in the refrigerator. Therefore, it is not advisable to store them in the refrigerator. However, the ripening of strongly green fruits can be promoted for a certain period. Onions, garlic, ginger and other root vegetables should also be stored at room temperature.
10. Unpleasant odours inside the fridge are a sign that something has spilled cleaning is required. See CARE AND CLEANING.
11. Different foods should be placed in different areas according to their properties.



NOTICE

Please keep the distance more than 10 mm between the food placed and air duct or sensors to ensure the cooling effect.



A. pickled foods, canned goods; eggs, cans, seasonings; beverages and various bottled foods.

B. Foods that require refrigeration for storage, such as seasonings, milk, beer, juice, etc.

C. Fruits, vegetables, etc.

D. meat, seafood, etc.

E. ice cream, etc.

Storage into the freezer compartment

1. Keep the freezer temperature at -18°C .
2. 24 hours before freezing switch on the Super-Frz. function; for small quantities of food 4-6 hours are sufficient.
3. Hot food must be cooled to room temperature before storing in the freezer compartment.
4. Food cut into small portions will freeze faster and be easier to defrost and cool. The recommended weight for each portion is less than 2.5 kg.
5. It is better to pack food before putting it into the freezer. The outside of the packaging must be dry to avoid bags sticking together. Packaging materials should be odour-free, airtight, non-poisonous and nontoxic.
6. In order to avoid expiration of storage periods, please note the freezing date, time limit and name of the food on the packaging according to the storage periods of different foods.

1. **WARNING!** Acid, alkali and salt etc. could erode the internal surface of the freezer. Do not place the food having these substances (e.g. sea fish) directly on the internal surface. Salt water in the freezer should be cleaned up immediately.
2. Do not exceed the food storage times recommended by the manufacturers. Only take the required amount of food out of the freezer.
3. Consume defrosted food quickly. Defrosted food cannot be re-frozen unless it is first cooked, otherwise it may be less edible.
4. Do not load excessive quantities of fresh food in the freezer compartment. Refer to the freezing capacity of the freezer - See TECHNICAL DATA or data at the type plate.
5. Food can be stored in the freezer at a temperature of at least -18°C for 2 to 12 months, depending on its properties (e.g., meat: 3-12 months, vegetables: 6-12 months)
6. When freezing fresh food, avoid bringing it in contact with already frozen or thawing!

When storing commercially frozen foods, please follow these guidelines:

1. Always follow manufacturers' guidelines for the length of time you should store food for. Do not exceed these guidelines!
2. Try to keep the length of time between purchase and storage as short as possible to preserve food quality.
3. Buy frozen foods, which have been stored at a temperature of 18 °C or below.
4. Avoid buying food which has ice or frost on the packaging - This indicates that the products might have been partially defrosted and refrozen at some point - temperature rises affect the quality of food.



NOTICE

1. Ensure the ice collection tray is free of foreign objects (e.g., food, ice scoops).
2. Verify that the water temperature in the reservoir does not exceed 60°C.
3. Use only potable water. Do not pour leftover bottled water, juice, tea, or other liquids into the water tank.
4. When using well water or dechlorinated water (e.g., alkaline ionized water, filtered water), increase the frequency of cleaning and maintenance to prevent scale buildup.

Ice Maker (only for HRF590YPC/HRF590YPS)

1. Press control panel button “F” to turn on the ice maker function.
2. Once your Ice maker is turned on the first bin of ice may be discoloured. This is not harmful and normal during the flushing process. Discard the first full bin of ice made. Your Ice maker is now ready for use.



NOTICE

1. The ice maker will typically begin producing ice approximately 24 hours after the initial installation of the unit.
2. Ice production will automatically stop when the ice storage bin is full.
3. If ice cubes remain in the storage bin for an extended period, they may clump together and become difficult to separate. In such cases, empty the ice storage bin and produce a new batch of ice.
4. You may occasionally hear some “crunching” sounds, but these are just normal sounds that are emitted during ice making, so do not worry.
5. The capacity of the ice storage drawer is approximately 5 L.

How the Ice maker Works

The ice making capacity is 1.0kg/24 hours (this figure is the test result in lab under the 32°C ambient temperature condition). During the daily use of the appliance, due to the different ambient temperature, the ice making capacity may differ a little. Do not store ice cubes, which are produced during the first batch of cubes following appliance start up, or after a prolonged break. Discard these cubes.

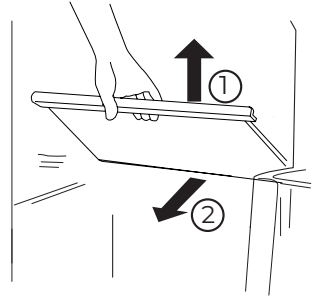
To allow the ice cube tray to fill to maximum capacity, you will need to rearrange the ice cubes periodically.

Some ice cubes may stick together when dropped into the storage box, you will need to separate these to allow maximum use of the icebox.

If the cubed ice becomes smaller, this may suggest that the filter is blocked from the impurities.

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 uplifting its front edge ① and pulling it out ②.
3. To reinstall it, put it on the lugs on both sides and push it to the most rearward position until the rear of the shelf is fixed inside the slots in the sides.



NOTICE

Ensure that all ends of a shelf are level.

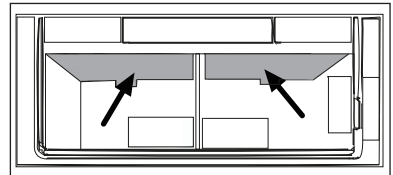
ACTIVEFRESH ZONE drawer

1. In this compartment the humidity level is higher than fridge compartment. It is controlled automatically by the system and is suitable to store fruits, vegetables, salads etc.



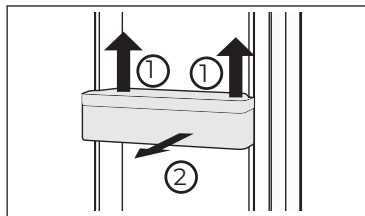
NOTICE

1. Do not remove the plastic cover inside the two zones.
2. They maintain the humidity.
3. Cold-sensitive fruits like pineapple, avocado, bananas,
4. grapefruits are not recommended to be stored in these two drawers.



Removable door racks/bottle holder

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



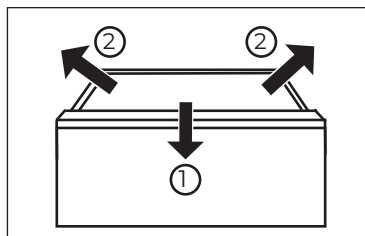
NOTICE

When the appliance is switched on, it may take up to 12 hours for the correct temperatures to be reached.

Removable drawer

To remove the drawer out, pull out to the maximum extent ①, lift and remove ②.

In order to insert the drawer, the above steps are carried out in reverse order.



The Light

The LED interior light comes on when the door is opened and it will automatically go off if the door is left open for more than 7 minutes. The performance of the lights is not affected by any of the appliances other settings.

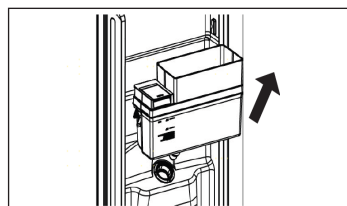


Energy saving tips

- ▶ Make sure the appliance is properly ventilated (see INSTALLATION).
- ▶ Do not install the appliance in direct sunlight or in the near of heat sources (e.g. stoves, heaters).
- ▶ Avoid unnecessarily low temperature in the appliance. The energy consumption increases the lower the temperature in the appliance is set.
- ▶ Functions like POWER- FREEZE consume more energy.
- ▶ 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.
- ▶ Defreeze frozen food in the fridge storage compartment.
- ▶ The most energy-saving configuration requires the appliance keep drawers, food box and shelves on factory-fresh condition, and food should be placed as far as possible without blocking the air outlet of the duct.

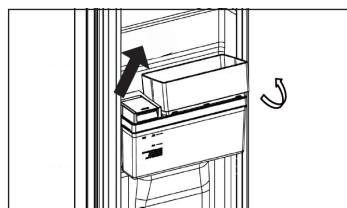
Disassembly of the water kettle assembly(Only for HRF590YHC HRF590YHS)

Pull the water kettle out in a general direction towards the upper left (in the direction indicated by the arrow).



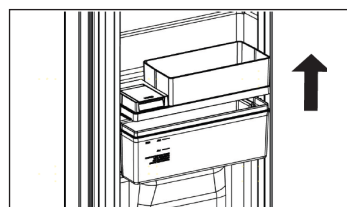
Disassembly of the water kettle's bottle holder

Press down on the lid of the water kettle, lift the bottle base inward, pull the outer edge of the bottle base outwards, then pull the whole thing outwards.



Disassembly of the water kettle lid

Lift the spout cover and the bottle base upwards (in the direction indicated by the arrow)





WARNING!

Disconnect the appliance from the power supply before cleaning.

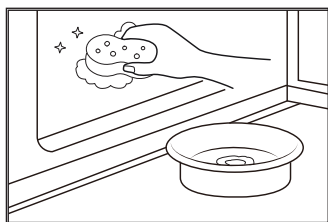
Cleaning

1. Clean the appliance when only little or no food is stored.
2. 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 special refrigerator detergent to avoid damage.
- ▶ 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.
- ▶ Do not touch the inside surface of the freezer storage compartment, especially with wet hands, as your hands may freeze onto the surface.
- ▶ In case of heating check the condition of frozen goods.



- ▶ Always keep the door gasket clean.
- ▶ Clean the inside and housing of the appliance with a sponge dampened in warm water and neutral detergent.
- ▶ 1. Please scrub the interior and exterior of the refrigerator, including door sealing, door rack, glass shelves, boxes and so on, with a soft towel or sponge dipped in warm water (you may add neutral detergent into the warm water).
- ▶ 2. If there is liquid spilled, remove all the contaminated parts, directly rinse with the flow water, dry and place it back into the fridge.
- ▶ 3. If there is spilled cream (such as the cream, melting ice cream), please remove all the contaminated parts, put into the warm water with about 40 °C for some time, then rinse with the flow water, dry and place it back into the fridge.
- ▶ 4. In case some small part or component gets stuck inside of the fridge (between shelves or drawers), use small soft brush to release it. If you could not reach the part, please contact Haier service.
- ▶ 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

The defrosting of the refrigerator and the freezer compartment are done automatically; no manual operation is needed.



NOTICE

Regarding Replacement:

The water filter should be replaced approximately every every six months. If the filter is damaged, it must be replaced immediately. If you need to replace the filter, please contact the store where you made the purchase for assistance.

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.

The lamps adopts LED as its light source, featuring low energy consumption and long service life. If there is any abnormality, please contact the customer service . See CUSTOMER SERVICE.

Parameters of the lamps:

For HRF590YHC/HRF590YHS:

Refrigerator compartment:12 V max 4.5 W

For HRF590YPC/HRF590YPS/HRF590YZC

Refrigerator compartment:12 V max 15 W

Non-use for a longer period

If the appliance is not used for an extended period of time, and you will not use the Holiday-function for the refrigerator:

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.

Moving the appliance

1. Remove all food and unplug the appliance.
2. Secure shelves and other movable parts in the fridge and the freezer with adhesive tape.
3. Do not tilt the refrigerator more than 45° to avoid damaging the refrigerating system.



WARNING!

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

Many occurring problems could be solved by yourself without specific expertise. In case of a problem please check all shown possibilities and follow below instructions before you contact an after sales service. See CUSTOMER SERVICE.



WARNING!

- ▶ Before maintenance, deactivate the appliance and disconnect the mains plug from the mains socket.
- ▶ Electrical equipment should be serviced only by qualified electrical experts, be cause improper repairs can cause considerable consequential damages.
- ▶ A damaged supply should only be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Problem	Possible Cause	Possible Solution
The compressor does not work.	• Mains plug is not connect ed in the mains socket. • The appliance is in the defrosting cycle	• Connect the mains plug. • This is normal for an automatic defrosting
The appliance runs frequently or runs for a too long period of time.	• The indoor or outdoor temperature is too high. • The appliance has been off power for a period of time. • A door of the appliance is not tightly closed. • The door has been opened too frequently or for too long. • The temperature setting for the freezer compart ment is too low. • The door gasket is dirty, worn, cracked or mis matched. • The required air circulation is not guaranteed.	• In this case, it is normal for the appliance to run longer. • Normally, it takes 8 to 12 hours for the appliance to cool down completely. • Close the door/drawer and ensure the appliance is located on a level ground and there is no food or container jarring the door. • Do not open the door/drawer too frequently. • Set the temperature higher until a satisfactory refrigerator temperature is obtained. It takes 24 hours for the refriger ator temperature to become stable. • Clean the door/drawer gasket or replace them by the cus tomer service. • Ensure adequate ventilation.
The inside of the refrigerator is dirty and/or smells.	• The inside of the refrigera tor needs cleaning. • Food of strong odour is stored in the refrigerator.	• Clean the inside of the re frig-erator. • Wrap the food thoroughly..

Problem	Possible Cause	Possible Solution
It is not cold enough inside the appliance.	• The temperature is set too high. • Too warm goods has been stored. • Too much food has been stored at one time. • The goods are too close to each other. • A door/drawer of the appliance is not tightly closed. • The door/drawer has been opened too frequently or for too long.	• Reset the temperature. • Always cool down goods before storing them. • Always store small quantities of food. • Leave a gap between several foods allowing air flowing. • Close the door/drawer. • Do not open the door/drawer too frequently.
It is too cold inside the appliance.	• The temperature is set too low. • The Super-Frz./Super-Coolfunction is activated or is running too long.	• Reset the temperature. • Switch off the Super-Frz./Super-Cool function
Moisture formation on the inside of the refrigerator compartment.	• The climate is too warm and too damp. • A door/drawer of the appliance is not tightly closed. • The door/drawer has been opened too frequently or for too long. • Food containers or liquids are left open.	• Increase the temperature. • Close the door/drawer. • Do not open the door/drawer too frequently. • Let hot foods cool to room temperature and cover foods and liquids.
Moisture accumulates on the refrigerators outside surface or between the doors/door and drawer.	• The climate is too warm and too damp. • The door is not closed tightly. The cold air in the appliance and the warm air outside it condensates.	• This is normal in damp climate and will change when the humidity decreases. • Ensure that the door/drawer is tightly shut.

Problem	Possible Cause	Possible Solution
Strong ice and frost in the freezer compartment.	• The goods were not adequately packaged. • A door/drawer of the appliance is not tightly closed. • The door/drawer has been opened too frequently or for too long. • The door/drawer gasket is dirty, worn, cracked or mismatched. • Something on the inside prevents the door/drawer to close properly.	• Always pack the goods well. • Close the door/drawer. • Do not open the door/drawer too frequently. • Clean the door/drawer gasket or replace them by new ones. • Reposition the shelves, door racks, or internal containers to allow the door/drawer to close.
The sides of the cabinet and door strip get warm.		• This is normal.
The appliance makes abnormal sounds.	• The appliance is not located on level ground. • The appliance touches some object around it.	• Adjust the feet to level the appliance. • Remove objects around the appliance.
A slight sound is to be heard similar to that of flowing water.		• This is normal.
You will hear an alarm beep.	• The fridge storage compartment door is open.	• Close the door.
You will hear a faint hum.	• The anti-condensation system is working	• This prevents condensation and is normal
The interior lighting or cooling system does not work.	• Mains plug is not connected in the mains socket. • The power supply is not intact. • The LED-lamp is out of order.	• Connect the mains plug. • Check the electrical supply to the room. Call the local electricity company! • Please call the service for changing the lamp.

Power interruption

In the event of a power cut, food should remain safely cold for about 5 hours. Follow these tips during a prolonged power interruption, especially in summer:

- ▶ Open the door/drawer as few times as possible.
- ▶ Do not put additional food into the appliance during a power interruption.
- ▶ If prior notice of a power interruption is given and the interruption duration is longer than 5 hours, make some ice and put it in a container in the top of the refrigerator compartment.
- ▶ An inspection of the goods is required immediately after the interruption.
- ▶ As temperature in the refrigerator will rise during a power interruption or other failure, the storage period and edible quality of food will be reduced. Any food that defrosts should be either consumed, or cooked and refrozen (where suitable) soon afterwards in order to prevent health risks.

Memory function during power interruption

After restoration of power the appliance continues with the settings that were set before the power failure.

Unpacking



WARNING!

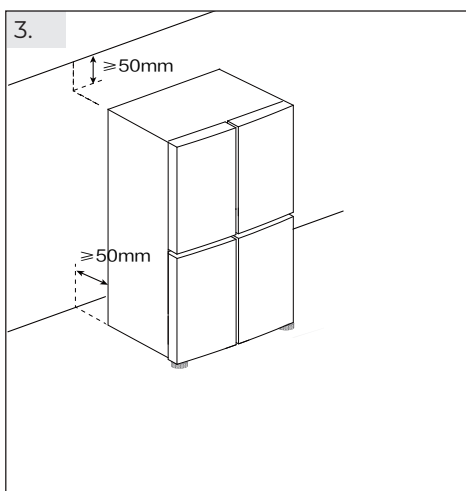
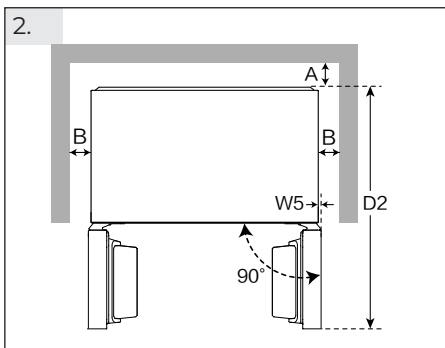
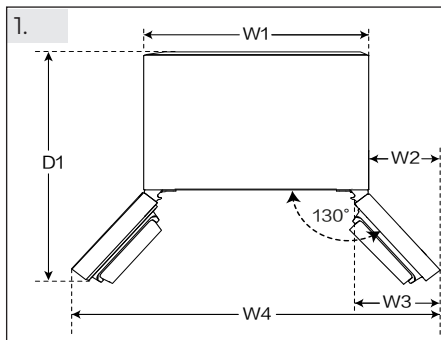
- ▶ The appliance is heavy. Always handle with at least two persons.
- ▶ Keep all packaging materials out of children's reach and dispose them in an environmentally friendly manner.
- ▶ Take the appliance out of the packaging.
- ▶ Remove all packaging materials.

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 recommendation

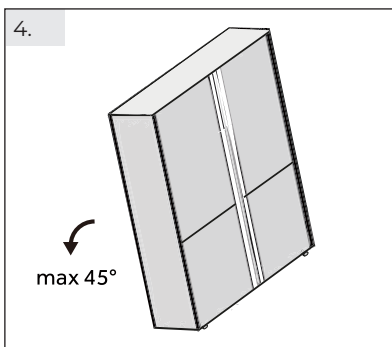
Recommended space when door is opened (Fig. 1.2.)



(Unit : mm)	Model#	
Width	W1	830
	W2	289
	W3	346
	W4	1407
	W5	51
	W	830
	D1	1031
	D2	1065
	D3	1031
	D	620
Distance to back wall	A	50
Distance to lateral walls	B	35
Distance to ceiling	C	50

Ventilaton cross-section

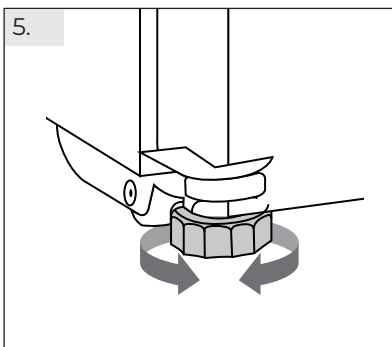
To achieve sufficient ventilation of the appliance for safety reasons, the information of the required ventilation cross sections must be observed.



Aligning the appliance (Fig.4.5.6.)

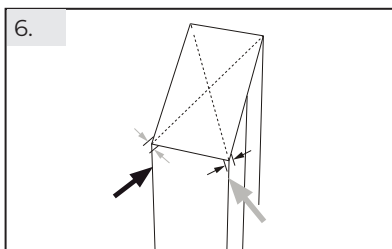
The appliance should be placed on a flat and solid surface.

4. Tilt the refrigerator slightly backwards.



5. Set the feet to the desired level.

Make sure the distance to the wall on the hinge side is at least 100 mm for the door to open properly.

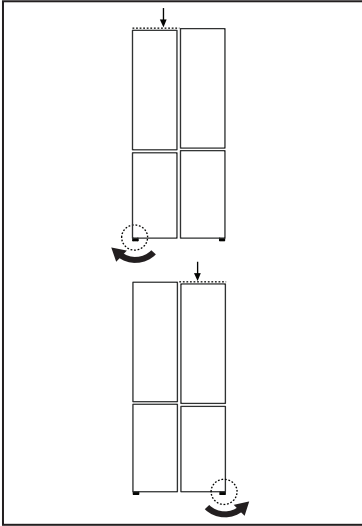


6. The stability can be checked by alternately bumping on the diagonals. The slightly swaying should be the same in both directions. Otherwise the frame can warp; possible leaking door seals are the result. A low tendency to the rear facilitates the closing of the doors.



NOTICE

For a free standing appliance: this refrigerating appliance is not intended to be used as a built-in appliance

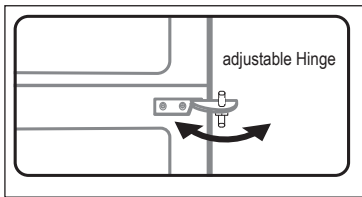


Fine tuning of the doors

If the doors are not in one level, this mismatch can be remedied by following:

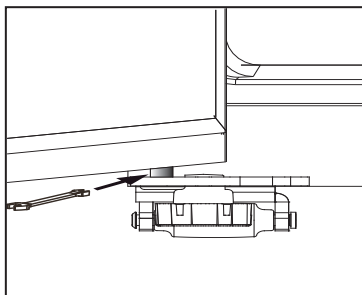
Using adjustable foot

Rotate the adjustable foot according to the direction of arrow to turn up or down the foot.



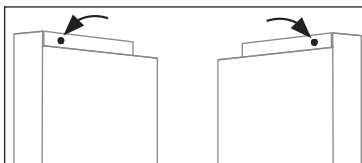
Door position adjustment

- When the two doors are not at the same height, adjustable hinges can be fine tuned with the accompanying wrench to level the two doors. Please do not install it brutally to prevent scratches or bumps on the door trim.



Using spacers

- Open the freeze door and lift it.
- Carefully adjust the nut of the middle hinge using a wrench. Do not scratch or bruise the door.



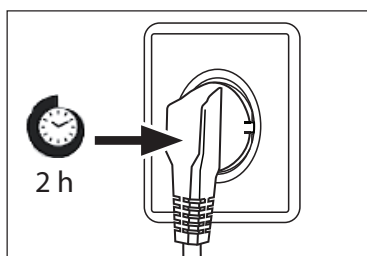
Using adjustment knob

- If the door of Refrigerator Compartment isn't level, you can rotate the adjustable knob on the upper part of the door to make fine adjustments.



NOTICE

In the future use of refrigerator, doors uneven phenomenon may occur to the weight of stored food. Then please adjust according to the above methods.



Waiting time

To the maintenance-free lubrication oil is located in the capsule of the compressor. This oil can get through the closed pipe system during slanting transport. Before connecting the appliance to the power supply you have to wait at least 2 hours so that the oil runs back into the capsule.

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 and socket are strictly according.

Connect the 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).

Ice and Water

Your Ice and Water and Automatic ice refrigerator must be installed by a qualified plumber or Haier trained and supported service technician as incorrect plumbing can lead to water leaks.

Haier appliances does not accept responsibility for damage (including water damage) caused by faulty installation or plumbing.



WARNING!

Only connect to drinking water supply. The water filter only filters impurities in the water and makes ice clean and hygienic. It cannot sterilize or destroy germs or other harmful substances.

Too high water pressure in the hose can damage the appliance. install a pressure reducer when the water pressure in the hose exceeds 0.6MPa.

Before connection, check whether the water is clean and clear.

Ensure always that the connections are firm, dry and leak free!

Take care the hose never to be crushed, kinked, or twisted.



NOTICE

Pressure of cold water has to be 0.15-0.6 MPa.

The maximum permitted length of water hose is 8 metres. Longer hoses will affect the ice cubes and cold water content.

Ambient temperature has to be 0°C minimum.

Keep the water hose away from heat sources.affect the ice cubes and cold water content.

Ambient temperature has to be 0°C minimum.

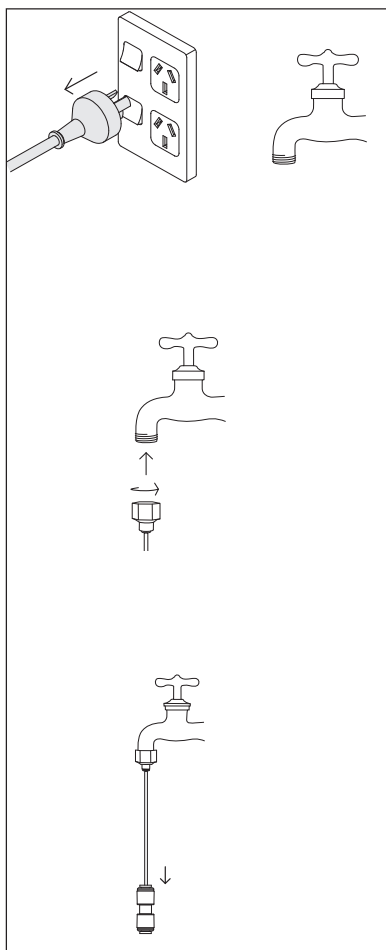
Keep the water hose away from heat sources.



NOTICE

Take care when connecting the water during installation. Correct installation helps prevent leaks or damage.

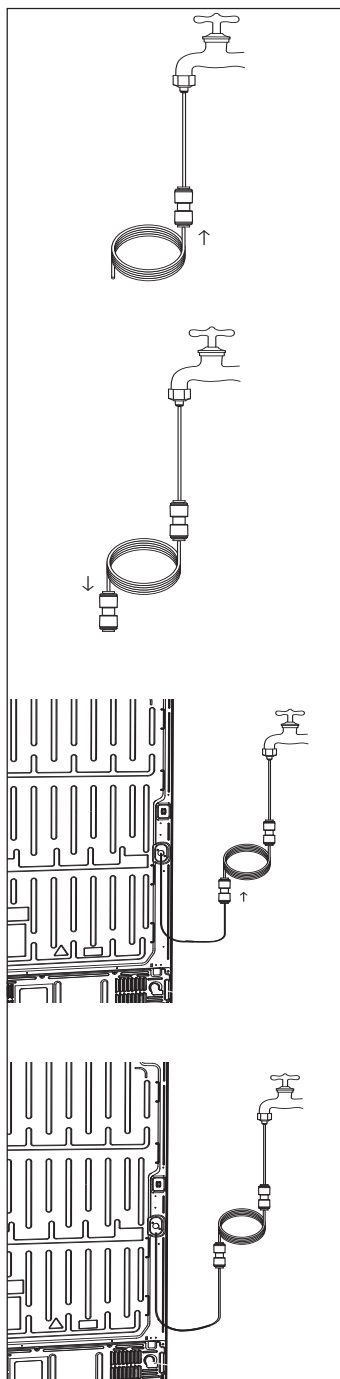
- Turn off the water supply before connecting the hose.
- Ensure all hoses and fittings are aligned and securely tightened.
- Ensure the hoses are not kinked, twisted or damaged.



1. Ensure the refrigerator is not plugged into a power supply. Locate the isolation tap for cold water connection (tee and tap fitting not supplied) and the water filter kit.

2. Fasten the tap adaptor with short tube to the isolation tap. Tighten by hand and tighten one additional turn with a spanner. Take care not to over tighten.

3. Insert the end of tap adaptor short tube into one end of the first hose connector as far as possible.



4. Insert one end of the water hose into the other end of hose connector as far as possible.

5. Insert the other end of the water hose into one end of the second hose connector as far as possible.

6. Connect the other end of the second hose connector to the hose attached to the back of the product.

Push the hose as far as possible into the connector.

7. Check the connections, turn on the water supply and check for leaks.

Trademark	Haier		
Model No.	HRF590YHC/S	HRF590YPC/S	HRF590YZC
Category of the model	Refrigerator-freezer		
Voltage/frequency	220V-240V~/50Hz		
Energy Star	5 Star		4 Star
Frost-free system	Yes		
Product group	5B		
Total volume(L)	574	573	550
Fresh food compartment Volume(L)	339	338	306
Freezer compartment Volume(L)	235	235	234
Ice-making compartment Volume(L)	/	/	10
Climate class	T		
Refrigerant	R600a 62g		R600a 65g
Insulation blowing gas	HC-C601		
Dimension (DxWxH)	738x830x1790mm		
Protection class	I		

CERTIFICATE OF QUALITY

DESIGNATION: REFRIGERATOR

Q.C.PASSED

CHECKER No.

QC01

Haier



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2026 Version A