

Refrigerator-Freezer

HRF-522I*6

HRF-522I*7

*= Colour code: S,T,CR,BB,W,N,GW, G,B,GR,X,F or M

Haier

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.

Legend

Warning – Important Safety information



General information and tips



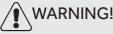
Environmental information



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





Risk of injury or suffocation!

Refrigerants, foaming agent 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.

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1- Safety information

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.
- ► 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 2.5 cm above and 5 cm 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.
- ► 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 use multi-plug adapters and extension cables.
- ► Ensure that the power cable is not trapped by the appliance. Do not step on the power cable.

1-Safety information



WARNING!

Installation

- ▶ Do not damage the refrigerant circuit.
- ► A shut-off valve must be installed between the hose and the domestic water connection in order to be able to interrupt the water supply if necessary.
- ► The shut-off valve must be easy accessible after installation.
- ▶ Install a pressure reducer when the water pressure in the hose exceeds 0.6 MPa.
- ► Make sure only the delivered hose set are used. Old hose-sets should not be reused.
- ► Only connect to drinking water supply.
- ► Make sure the hose joints and connections are firm and there is no leakage.

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.
- ► 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 appliance 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 appliance, to ovoid personal injury caused by falling or electric shock caused by contact with water.



WARNING!

Daily use

- ▶ 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 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. 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 5 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.

1-Safety information



WARNING!

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.
- ► Hold the plug, not the cable, when unplugging the appliance.
- ▶ 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.

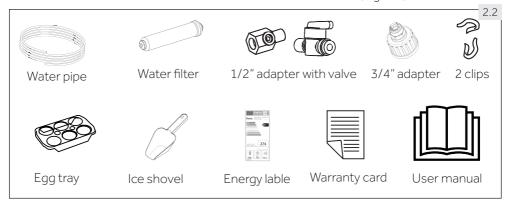
2.1 Intended use

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-breackfast and catering business. 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.

2.2 Accessories

Check the accessories and literature in accordance with this list (Fig. 2.2):



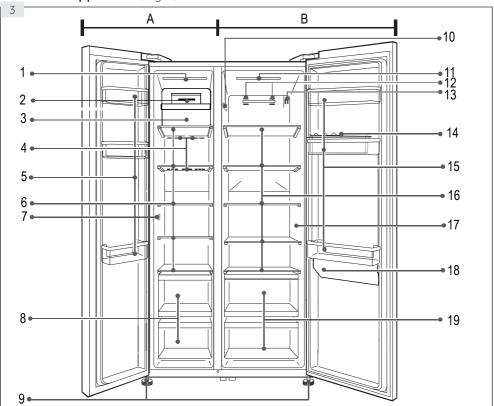
3- Product description



Notice

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

Pictures of appliances (Fig. 3)



A: Freezer compartment

- 1 Ceiling lamp
- 2 Ice maker
- 3 Ice container
- 4 Air duct.
- 5 Door rack/bottle holder
- 6 Shelf
- 7 Sensor
- 8 Drawer
- 9 Adjustable feet

B: Fridge compartment

- 10 Rating plate
- 11 Ceiling lamp
- 12 Air duct
- 13 Sensor
- 14 Egg tray
- 15 Door rack/bottle holder
- 16 Shelf
- 17 OK Sticker
- 18 Water tank
- 19 Drawer

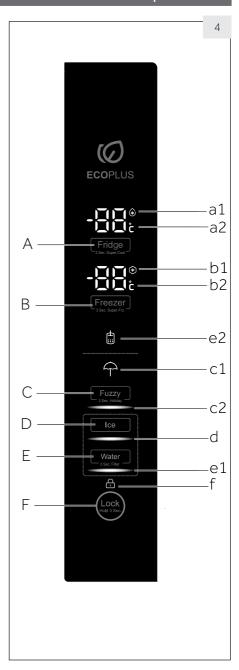
Control panel (Fig. 4)

Keys:

- A Fridge selector and "Super-Cool" function on/off
- B Freezer selector and "Super-Freeze" function on/off
- C "Fuzzy" mode and "Holiday" function on/off
- D Ice Maker function on/off
- E Cool Water function on/off and reset of "Change Filter" indicator
- F Panel lock selector

Indicators:

- a1 "Super-Cool" function
- a2 Temperature Fridge
- b1 Super-Freeze" function
- b2 Temperature Freezer
- c1 "Holiday" function
- c2 "Fuzzy" mode
- d Ice Maker function
- e1 Cool Water function
- e2 "Change Filter"
- f Panellock



5.1 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, as well as the interior and accessories with water and a mild detergent and dry it well with soft cloth.
- ► Clean the After the appliance has been levelled and cleaned, wait for at least 2 hours before connecting it to the power supply. See Section INSTALLATION.
- ► Precool the compartments at high settings before loading with food. The function Super Cool and Super 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 MANUAL ADJUSTING MODE.

5.2 Sensor keys

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

5.3 Switch on /off the appliance

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

When the appliance is powered on for the first time, freezer temperature is shining on the display "b2" until the temperature reaches -5° C or after 1 hour working. The temperatures displayed will shown the actual temperatures in the compartment.

Maybe the panel lock is active.

Empty the appliance before switching off. To switch off the appliance, pull the power cord out off the power socket.



Notice: Presettings

- ► The appliance is preset to the recommended temperature of 5°C (refrigerator) and 18°C (freezer). Under normal ambient condition you need not 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.

5.4 Standby-mode

The display screen turns off automatically 30 seconds after touching a key. The display will be automatically locked. It lights up automatically by touching any key or opening one of the doors.

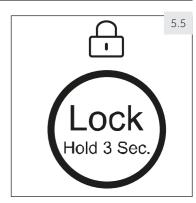
5.5 Lock/unlock panel



Notice: Panel lock

The control panel is automatically blocked against activation if 30 seconds no key is touched. For any settings the control panel must be unlocked.

- Touch key "F" for 3 seconds to block all panel elements against activation (Fig. 5.5). An acoustic signal sounds.
- ► The related indicator "f" is now displayed and the lightening of the panel is switched off. The icon flashes if a key will be touched, when the panel lock is activated. The change is not running.
- ► For unlocking touch again the key.



5.6 Door opening alarm

When one door is opened for more than 3 minutes, the door opening alarm will sound. The alarm can be silenced by closing the door. If the door is left open for more than 7 minutes, the light inside the compartment will automatically switch off.

5.7 Select the working mode

You may need to select one of the following two ways to set the appliance:

5.7.1 Fuzzy mode

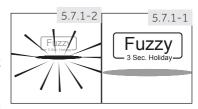
If you do not have any special requirements, we recommend that you use fuzzy mode:

In the Fuzzy mode, the appliance can automatically adjust the temperature setting according to the ambient temperature and temperature change in the appliance. This function is totally hand free.



- 2. Touch key "C" (Fuzzy) (Fig. 5.7.1-1).
- 3. Indicator "c2" illuminates and the function is activated (Fig. 5.7.1-2).

By repeating the above steps or selecting an other function this function can be switched off again.



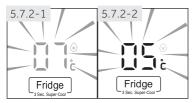
5.7.2 Manual adjusting mode

If you want to manually adjust the temperature of the appliance in order to store a particular food, you can set the temperature via a temperature adjusting key:



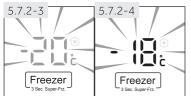
Notice: Conflict with other functions

The temperature cannot be adjusted, if any other function (Super Cool, Super Freeze, Hoilday or Fuzzy) is activated or the display is locked. The corresponding indicator will flash accompanying with a buzzer.



5.7.2.1 Adjust the temperature for fridge

- 1. Unlock the panel by touching key "F" if it is locked (Fig. 5.5).
- 2. Touch key "A" (Fridge) to select the fridge compartment. The actual temperature in the fridge compartment is displayed (Fig. 5.7.2-1).
- 3. Touch sequentially key "A" (Fridge) until the desired value of temperature is flashing (Fig. 5.7.2-2). A signal will sound at each key touch. The temperature increases in sequences of 1°C from a minimum of 1°C to a maximum of 9°C. The optimum temperature in the fridge is 5 °C. Colder temperatures mean unnecessary energy consumption.
- Touch any key except "A" (Fridge) to confirm, or the setting confirms automatically after 5 seconds. Displayed temperature stops flashing.



5.7.2.2 Adjust the temperature for freezer

- 1. Unlock the panel by touching key "F" if it is locked (Fig. 5.5).
- Touch key "B" (Freezer) to select the freezer compartment. The actual temperature in the freezer compartment is displayed (Fig. 5.7.2-3).
- 3. Touch sequentially key"B" (Freezer) until the desired value of temperature is flashing (Fig. 5.7.2-4). A signal will sound at each key press. The temperature increases in sequences of 1°C from -14°C to -24°C. The optimum temperature in the freezer is -18°C. Colder temperatures mean unnecessary energy consumption.
- 4. Touch any key except "B" (Freezer) to confirm, or the setting confirms automatically after 5 seconds. Displayed temperature stops flashing.



Notice: Influences on temperatures

The indoor temperatures are influenced by the following factors:

- Ambient temperature
- Frequency of door opening

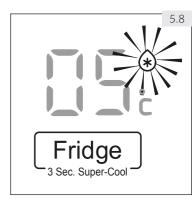
- ► Amount of stored foods
- ► Installation of the appliance

GB 5-Use

5.8 Super-Cool function

Switch on the Super-Cool function if larger quantity of food should be stored (for example after the purchase). The Super-Cool function accelerates the cooling of fresh food and protects the goods already stored from undesirable warming. The factory setting temperature is $0 \text{ to } +1^{\circ}\text{C}$.

- 1. Unlock the panel by touching key "F" if it is locked (Fig. 5.5).
- 2. Touch key "A" (Fridge) for 3 seconds. Indicator "a1" illuminates and the function is activated. (Fig. 5.8).
- 3. The same operation can exit super cool function.





Notice: Automatically switch off

This function will be automatically disabled after 3 hours.

5.9 Super-Freeze function

Fresh food should be frozen as quickly as possible to the core. This preserved the best nutritional value, appearance and taste. The Super-Freeze function accelerates the freezing of fresh food and protects the goods already stored from undesirable warming. If you need to freeze a large amount of food once, it is recommended to set the Super-Freeze function on ahead for 24h before the usage of frozen room. The factory setting temperature is -24 °C.

- 1. Unlock the panel by touching key "F" if it is locked (Fig. 5.5).
- Touch key "B" (Freezer) for 3 seconds Indicator "b1" illuminates and the function is activated. (Fig. 5.9).
- The same operation can exit Super -Freeze function

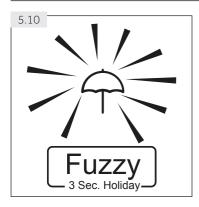




Notice: Automatically switch off

The Super-Freeze function will automatically switch off after 50 hours. The appliance is then operated at the previously set temperature.

5-Use



5.10 Holiday function

This function sets the fridge temperature permanently to 17° C.

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

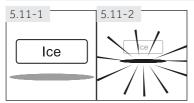
- 1. Unlock the panel by touching key "F" if it is locked (Fig. 5.5).
- 2. Touch key "C" (Fuzzy) for 3 seconds Fig. 5.10). Indicator "c1" illuminates .and the function is activated.

By repeating the above steps or selecting an other function this function can be switched off again.



WARNING!

During the holiday function no goods must be stored in the fridge compartment. The temperature of + 17 $^{\circ}$ C is too high for storing food.



5.11 Ice Maker function

This function allows to produce ice cubes which will be collected in the ice container.

The ice maker periodically receives an automatic flow of water which will be frozen into ice cubes and automatically fall into the ice container. Capacity of the ice maker depends on the ambient temperature, frequency of freezer door openings, and freezer compartment cooling temperature setting. Typical quantity of ice production per day is 1.5kg.

- 1. Take care the water supply valve is opened.
- 2. Unlock the panel by touching key "F" if it is locked (Fig. 5.5).
- 3. Touch key "D" (Ice) (Fig. 5.11-1).
- 4. Indicator "d" illuminates and the function is activated (Fig. 5.11-2).

By repeating the above steps this function can be switched off again.

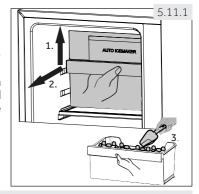


Notice: Ice Maker function

- ► The Ice Maker function will automatically switch off if the maximum ice level is reached.
- ► Make sure that you empty the ice maker container before turning off the ice maker function, as the ice will melt into water.
- ► When you don't need ice cubes for a long time, please empty the container and insert the cleaned container and close the water supply valve.

5.11.1 Getting ice cubes

- 1. Take care the Ice Maker function is activated.
- 2. Lift the ice container (1) and pull it out (2) (Fig. 5.11.1).
- 3. Remove the ice cubes from the ice container with ice spoon (3); separate ice cubes which are glued together in order to allow maximum use of ice container.
- 4. Put the ice container back to the freezer.





Notice: Getting ice cubes

- ▶ When the appliance is switched on for the first time and when you start the ice function while container is empty, it may take up to 24 hours to make your first batch of ice cubes.
- ► First production of ice cubes(20 pieces approx) should not be consumed after first use, after long non-use of Ice Maker function and after the filter change.
- ► Do not take the ice container out off the freezer longer than necessary as ice cubes may melt.
- ▶ Occasionally, in periods of infrequent ice use, cubes may stick together. This is normal.
- ▶ If ice cubes get stale, throw them away and clean the ice container.

5.12 Cool Water function

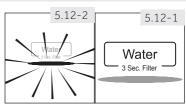
With this function the tank in the fridge door will be filled automatically with drinking water which is cooled to drinking temperature and can be tapped.

- 1. Take care the water supply valve is opened.
- 2. Unlock the panel by touching key "F" if it is locked (Fig. 5.5).
- 3. Touch key "E" (Water) (Fig. 5.12-1).
- 4. Indicator "e1" illuminates and the function is activated (Fig. 5.12-2) and water can be tapped.

By repeating the above steps this function can be switched off again.

5.12.1 Getting water from the dispenser

- 1. Take care the Cool Water function is activated.
- 2. Place a glass underneath the water outlet.
- 3. Make sure the glass is in line with the dispenser to prevent the water from splashing out.
- 4. Push it gently against the water dispenser lever with your glass. (Fig. 5.12.1)



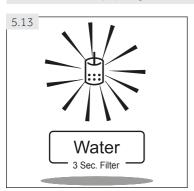


- 5. After filling the glass release the lever and held the glass still for a further 1 second as some more water may be spent.
- 6. Water in the tray should be removed in time, as it could overflow when the door opens and closes.



Notice: Water dispenser

- ► For the very first use it is necessary to press the water dispenser several times for 1 minute in order to clear the air in the line. Do not press for more than 1 minute to prevent overheating of the pad activator solenoid.
- ► The first 5 glass of water should not be consumed after initial start up or following a lengthy break in use.
- ► The first few glass of water you take out will be warmer than the next glasses. This is normal.
- ▶ If you like very cold water first put ice cubes from the freezer into the glass.
- ▶ Do not use a paper glass or one that is too tall to fit into the dispenser cavity.



5.13 Change filter indicator

Approximately each 6 months the "Change Filter" indicator light turns on (Fig. 5.13). This indicates that the water filter has to be changed. Refer to CARE AND CLEANING.

The filter in the water pipe filters absorbs impurities and makes water/ice clean and hygienic. After a long time of usage the ice cubes becomes smaller because the filter is blocked from the impurities.



Notice: Filter change

- ► For an impeccable quality of the ice cubes, it is very important to change the water filter regularly! If the water quality show signs of deterioration, either visually or in taste, the filter should be changed sooner- before the indicator light turns on.
- ► After installation of new filter the next production of ice cubes (20 pieces approx) should not consumed.

5.13.1 Reset the Change filter indicator

► Touch key "E" (Water) for 3 seconds (Fig. 8.5), the "Change Filter" indicator (e2) will turn off



Notice: Reset Change filter indicator

To prevent possible diseases, do not deactivate the Change Filter indicator without changing the filter!

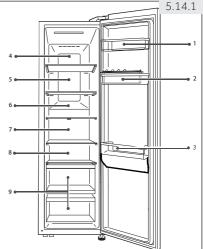
5.14 Tips on storing fresh food

$5.14.1\,Storing\,into\,the\,fridge\,compartment$

- ► Keep your fridge temperature below 5°C.
- ▶ Hot food must be cooled to room temperature before storing in the appliance.
- ► Foods stored in the fridge should be washed and dried before storing
- ► Food to be stored should be properly sealed to avoid odour or taste alterations.
- ▶ Do not store excessive quantities of food. Leave spaces between foods to allow cold air flowing around them, for a better and more homogeneous cooling.
- ► Foods eaten daily should be stored at the front of the shelf.
- ▶ 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.
- ▶ 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.
- ▶ The ageing process of fruit and vegetables such as courgettes, melons, papaya, banana, pineapple, etc. can be accelerated in the fridge. Therefore, it is not advisable to store them in the fridge. 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.
- Unpleasant odours inside the fridge are a sign that something has spilled and cleaning is required. See CARE AND CLEANING.

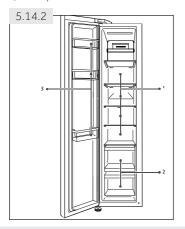
▶ Different foods should be placed in different areas according to their properties (Fig. 5.14.1):

- 1 Butter, cheese etc.
- 2 Eggs, canned food, spices etc.
- 3 Drinks and bottled foods.
- 4 Pickled foods, canned food, etc.
- 5/6 Meat products, snack foods, etc.
- 7 Pasta, canned food, milk, tofu, dairy etc.
- 8 Cooked meat, sausages, etc.
- 9 Fruits, vegetables, salad, etc



5.14.2 Storage into the freezer compartment

- ► Keep the freezer temperature at- 18°C.
- ▶ 24 hours before freezing switch on the Super-Freeze function; -for small quantities of food 4-6 hours are sufficient.
- ► Hot food must be cooled to room temperature before storing in the freezer compartment.
- ► Food cut into small portions will freeze faster and be easier to defrost and cook. The recommended weight for each portion is less than 2.5 kg
- ▶ 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.
- 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.
- ▶ **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.
- ▶ Do not exceed the food storage times recommended by the manufacturers. Only take the required amount of food out of the freezer.
- ▶ Different foods should be placed in different areas according to their properties (Fig. 5.14.2):



- 1 Less weighty items, such as ice cream, vegetables, bread etc.
- 2 Large/heavier portions of food, such as meats joints for roasting
- 3 Beverage without high alcohol and temporary storage of spirits with a high alcohol content, small parts like Pizza or herbs.



Notice: Storage

- ► Please keep the distance more than 10 mm between the food placed and the sensor to ensure the cooling effect.
- ▶ Please keep the lowest drawer when the appliance working in order to ensure the cooling effect.
- ▶ The food with ice (like ice cream etc.) should be stored inside the freezer compartment instead of on the bottle holder, for the temperature changes at bottle holder caused by door opening and closing may thaw the food.

- ► Consume defrosted food quickly. Defrosted food cannot be re-frozen unless it is first cooked, otherwise it may bless edible.
- ▶ 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.
- ► 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)
- When freezing fresh food, avoid bringing it in contact with already frozen food. Risk of thawing!
- ▶ Defreeze frozen food in the fridge. This way, you can use the frozen food to decrease the temperature in the compartment and save energy.

5.14.3 When storing commercially frozen foods, please follow these guidelines:

- ► Always follow manufacturers' guidelines for the length of time you should store food for. Do not exceed these guidelines!
- ► Try to keep the length of time between purchase and storage as short as possible to preserve food quality.
- ▶ Buy frozen foods, which have been stored at a temperature of -18 °C or below.
- ► 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.

6-Energy saving tips



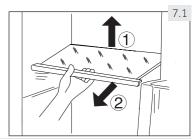
Energy saving tips

- ► 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 Super-Cool or Super-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.

7.1 Adjustable shelves

The height of the shelves can be adjusted to fit your storage needs.

- 1. To relocate a shelf, remove it first by uplifting its hind edge (1) and pulling it out (2) (Fig. 7.1).
- 2. 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





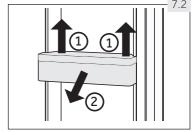
Notice: Shelves

Ensure that all ends of a shelf are level.

7.2 Removable door racks/bottle holder

The door racks/bottle holder can be removed for cleaning:

- 1. Place hands on each side of the rack/holder and lift it upwards (1) (Fig. 7.2).
- 2. Pull the door rack/bottle holder out (2).
- In order to insert the door rack/bottle holder, the above steps are carried out in reverse order.



7.3 Bottle holder-freezer compartment

The bottle holders of the freezer compartment are intended for temporary storage of spirits with a high alcohol content. Beverage without high alcohol should be cooled in the fridge.

Additionally you can store small parts in the bottle holders.



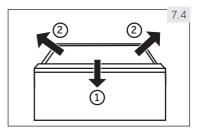
WARNING!

Bottles and cans may burst! Set a timer that will remind you to remove bottles/cans without high alcohol content..

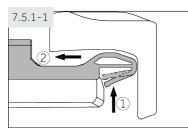
7.4 Removable drawer

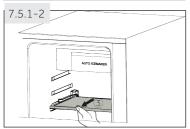
To remove the drawer out of the fridge or freezer compartment pull out to the maximum extent (1), lift and remove (2) (Fig. 7.4).

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



7-Equipment



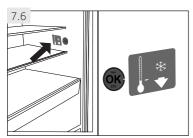


7.5 Ice container and water tank

Refer to section USE.

7.5.1 Removable shelf below the ice container

- 1. Press (1) the hook on the rear of the shelf upwards and then pull (2) the shelf forward, so the hook is released (Fig. 7.5.1-1).
- 2. Repeat step 1 on the other side of the shelf, and then pull it out (3) (Fig. 7.5.1-2).
- 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.



7.6 OPTIONAL: OK-temperature indicator

The OK-temperature indicator (Fig. 7.6) at the inner wall of the fridge, , can be used to determine temperatures below +4°C. Gradually reduce the temperature if the sign does not indicate "OK".



Notice: OK-sticker

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

7.7 The Light

The LED interior light comes on when the door is opened. The performance of the lights is not affected by any of the appliances other settings.

8- Care and cleaning



WARNING!

Disconnect the appliance from the power supply before cleaning.

8.1 General

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 special fridge 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 (Fig. 8.1).
- ► Rinse and dry with soft cloth.
- Clean the accessories only with warm water and neutral detergent.
- 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.



8.2 Cleaning the ice container

Clean the ice container periodically with warm water, especially if ice cubes get older and stale. Dry the container well before putting into the appliance in order to avoid ice cubes sticking to the walls.

8- Care and cleaning

8.3 Defrosting

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

8.4 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:: 12 V max 3 W.

8.5 Replacing the filter

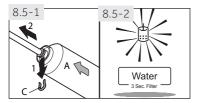
The water filter has to be changed approximately each 6 months, when the "Change Filter" indicator light will turn on (Fig. 5.13).

The filter set can be get via the CUSTOMER SERVICE.



WARNING!

- ▶ Before replacing the filter deactivate the appliance and disconnect the mains plug from the mains socket.
- ► Turn off water supply.



- Remove (1) the locking clip (C) on both sides of the filter (A) and disconnect both pipes (2) (Fig. 8.5-1).
- Install the new filter in correct position; the dart shows the direction of water flow. Repeat step 1 in reverse order.
- 3. Put the plug into the socket and open the water tab to flush the hoses.
- 4. Reset the "Change Filter" indicator: Touch key "E" (Water) for 3 seconds, indicator "e2" turns off (Fig. 8.5-2)...



WARNING!

- ▶ Ensure always that the connection is firm, dry and leack free!
- Take care the hose never to be crushed, kinked, or twisted

8- Care and cleaning

8.6 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 fridge:

- ▶ Turn off the water supply (some hours earlier before you switch off the appliance).
- ► Take out the food.
- ► Empty and clean the ice container.
- ► Empty the water tank by using the water dispenser several times.
- ▶ Unplug the power cord.
- ► Clean the appliance as described above.
- ▶ Keep the doors open to prevent the creation of bad odours inside.
- ▶ Provide a new filter to install before for next use.



Notice: Switch off

Turn the appliance off only if strictly necessary.

8.7 Moving the appliance

- 1. Remove all food and unplug the appliance.
- 2. Secure shelves and other moveable parts in the fridge and the freezer with adhesive tape.
- 3. Do not tilt the appliance 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 occuring 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, because 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.

9.1 Troubleshooting table

Problem	Possible Cause	Possible Solution
The compressor does not work.	Mains plug is not connected in the mains socket.	Connect the mains plug.
	• The appliance is in the defrosting cycle.	• This is normal for an automatic defrosting.
The appliance runs frequently or runs	• The indoor or outdoor temperature is too high.	• In this case, it is normal for the appliance to run longer.
for a too long period of time.	The appliance has been off power for a period of time.	 Normally, it takes 8 to 12 hours for the appliance to cool down com- pletely.
	A door of the appliance is not tightly closed.	 Close the door and ensure the appliance is located on a level ground and there is no food or container jarring the door.
	• The door has been opened too frequently or for too long.	 Do not open the door too frequently.
	The temperature setting for the freezer compartment is too low.	Set the temperature higher until a satisfactory refrigerator tempera- ture is obtained. It takes 24 hours for the refrigerator temperature to become stable.
	• The door gasket is dirty, worn, cracked or mismatched.	• Clean the door gasket or replace them by the customer service.
	• The required air circulation is not guaranteed.	Ensure adequate ventilation.
The inside of the fridge is dirty and/ or smells.	• The inside of the fridge needs cleaning.	Clean the inside of the fridge.
	• Food of strong odour is stored in the fridge.	Wrap the food thoroughly.
It is too cold inside the appli-	The temperature is set too low.	Reset the temperature.
ance.	The Super-Cool / Super-Freeze function is activated or is running too long.	Switch off the Super-Cool / Super-Freeze function.

Problem	Possible Cause	Possible Solution
It is not cold enough inside the appliance.	The temperature is set too high.	Reset the temperature.
	Too warm goods has been stored.	Always cool down goods before storing them.
	• Too much food has been stored at one time.	Always store small quantities of food.
	• The goods are too close to each other.	• Leave a gap between several foods allowing air flowing.
	• A door of the appliance is not tightly closed.	Close the door.
	• The door has been opened too frequently or for too long.	• Do not open the door too frequently.
Moisture formation on the in-	The climate is too warm and too damp.	Increase the temperature.
side of the fridge compartment.	• A door of the appliance is not tightly closed.	Close the door.
	• The door has been opened too frequently or for too long.	• Do not open the door too frequently.
	Food containers or liquids are left open.	 Let hot foods cool to room tem- perature and cover foods and li- quids.
Moisture accumulates on the fridges outside surface or between the doors.	The climate is too warm and too damp.	This is normal in damp climate and will change when the humidity de- creases.
	The door is not closed tightly. The cold air in the appliance and the warm air outside it condensates.	Ensure that the door is tightly shut.
Strong ice and frost in the freez-	The goods were not adequately packaged.	Always pack the goods well.
er compartment.	• A door/drawer of the appliance is not tightly closed.	Close the door/drawer.
	• The door has been opened too frequently or for too long.	• Do not open the door too frequently.
	• The door gasket is dirty, worn, cracked or mismatched.	• Clean the door gasket or replace them by new ones.
	Something on the inside prevents the door to close properly.	Reposition the shelves, door racks, or internal containers to al- low the door to close.
The appliance makes abnormal sounds.	• The appliance is not located on level ground.	Adjust the feet to level the appliance.
	The appliance touches some object around it.	• Remove objects around the appliance.
A slight sound is to be heard simi- lar to that of flow- ing water.	This is normal.	• -

Problem	Possible Cause	Possible Solution
You will hear an alarm beep.	• The 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	• Mains plug is not connected in the mains socket.	Connect the mains plug.
does not work.	The power supply is not intact.	Check the electrical supply to the room. Call the local electricity company!
	The LED-lamp is out of order.	• Please call the service for changing the lamp.
The sides of the cabinet get warm.	This is normal.	• -
You will get no	• Water tap is closed.	Check water tap.
water from the	• Inlet hose is kinked.	Check inlet hose.
water dispenser	• Water pressure is less than 0.15 MPa	Check water pressure
of floice cubes	Filter is blocked	Change the filter
	Cool Water/Ice Maker function is not activated	Activate Cool Water/Ice Maker function
	• Environmental conditions are not sufficient	• Ambient temperature must be minimum 0°C
	Keep in mind that it may take up to 12 h	hours to produce the first ice cubes.
Only small ice	Filter must be changed.	Change the filter
cubes will be produced.	• Water pressure is less than 0.15 MPa	Check water pressure
The ice cubes smell and taste unpleasant.	• Ice Maker function in not often in use.	Ice can take the smell and odour
	• Unpacked food is stored in the freezer compartment.	of other substances. Deposit the ice cubes.
You will hear sounds like flowing of wa- ter or ice cubes dropping	This is normal when ice or water function is activated	• -
Water flows out of the appliance	Water pressure is too high.Water hose is damaged.	Interrupt the power supply, close the water tab and call the Cus- tomer Service

9.2 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 fridge compartment.
- ► An inspection of the goods is required immediately after the interruption.
- As temperature in the fridge 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.



Notice: Memory function during power interruption

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

10.1 Unpacking

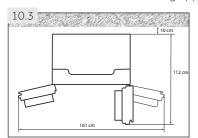


WARNING!

- ▶ 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 including the transparent protective film.

10.2 Environmental conditions

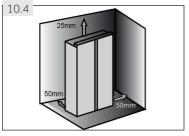
The room temperature should always be between 10° C and 43° C, since it can influence the temperature inside the appliance and its energy consumption. Do not install the appliance near other heat-emitting appliances (ovens, fridges) without isolation.



10.3 Space requirement

Required space when door is opened (Fig. 10.3):

Appliance width:161 cm Appliance depth: 112 cm



10.4 Ventilaton cross-section

To achieve sufficient ventilation of the appliance for safety reasons, the information of the required ventilation cross sections must be observed (Fig. 10.4)..

10.5 Fresh Water Connection

Follow the installation instructions below (Fig. 10.5).



WARNING!

- ▶ It is recommended to have the appliance installed by a qualified technician.
- ▶ Take care that the mains plug is disconnected from the mains socket.
- ► Take care the water supply is blocked.
- ► A shut-off valve which must be easy accessible after installation must be installed between the hose and the domestic water connection in order to be able to interrupt the water supply if necessary.
- ► Only connect to cold water supply.
- ▶ Use only the supplied hose set for the connection.



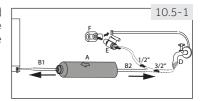
WARNING!

- ▶ 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 0.6 MPa.
- ▶ Before connection, check whether the water is clean and clear.

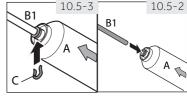


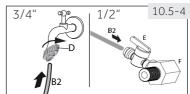
Notice: Water connection

- ▶ Pressure of the 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.
- 1. Cut the pipe into two pieces with the required length to connect the filter (A) with the appliance (B1) and the water tap (B2) (Fig. 10.5-1). Make sure to get a square cut by using a sharp knife.



- 2. Insert pipe (B1) approx. 12 mm deep into the mounting fixture of the water filter (A) (Fig. 10.5-2). Take care to install the filter in the correct direction. The dart shows the direction of water flow.
- 3. Secure the pipe with a locking clip (C) according to Fig. 10.5-3.
- 4. Repeat step 2 and 3 with the pipe (B2) on the other side of the filter
- 5. Connect the end of pipe (B2) to one of the adapters "D" or "E **and** F" which suits to the water main (Fig. 10.5-4).



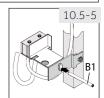


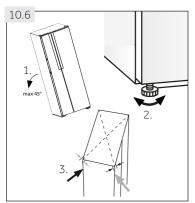
- 6. Connect the end of B1 to the valve assembly at the back of appliance (Fig. 10.5-5).
- 7. Open the water tab to check if the system is leack free and flush the pipe.



WARNING!

- ► Ensure always that the connections are firm, dry and leack free!
- ► Take care the hose never to be crushed, kinked, or twisted

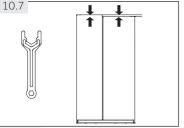




10.5 Aligning the appliance

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

- 1 Tilt the appliance slightly backwards (Fig. 10.6).
- Set the feet to the desired level Make sure the distance to the wall on the hinge sides is at least 5 cm.
- 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.

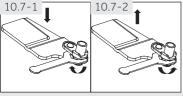




10.7 Fine tuning of the doors

If the doors are still not in one level after levelling the doors by the feet, this mismatch can be remedied by turning the hinge lifting shaft at the right bottom corner of refrigerating door with a spanner (Fig. 10.7)

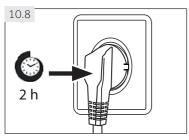
- Clockwise turn lifting shaft with spanner to lower door height (Fig. 10.7-1).
- Antic lock wise turn lifting shaft with spanner to lift door height Fig. 10.7-2).





WARNING!

Do not adjust the hinge lifting shaft excessively to a height which might cause the shaft to leave its original locked position. (Adjustable height range: 3 mm)



10.8 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 (Fig. 10.8) so that the oil runs back into the capsule.

10.9 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).

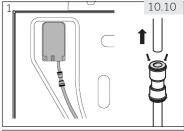
10.10 Removing and installing the doors

In the event that you need to remove the appliance doors, please follow the door removal and installation instructions below (Fig. 10.10).

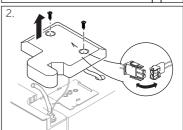


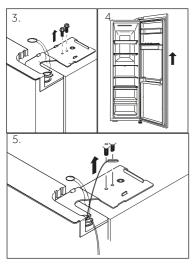
WARNING!

- Before any operation, deactivate the appliance and disconnect the mains plug from the mains socket.
- ▶ Block the water supply.
- ► The appliance is heavy. Always handle with at least two persons.
- ▶ Do not tilt the appliance more than 45° or place it horizontally on the ground
- 1. Release the water coupler on the upper left corner at the back of appliance: press and hold in the collar as shown and remove the water.



2. Undo the hinge cover screw and remove the cover. Release the cable connector.





- 3. Undo the screws holding the upper hinge in position and then remove the hinge.
- 4. Lift the freezer compartment door to remove it.

- Refit the door by reversing the removal steps. Ensure that the grounding cable will be fixed by the screw.
- 6. Refit the water coupler on the back of appliance; see step 1.



Notice: Fridge door

The pictures show the removing of the freezer compartment door. For the fridge door please use the corresponding parts on the other site.

11.1 Product fiche according to regulation EU No. 1060/2010

Trade mark	Haier	
Modelidentifier	HRF-522I*6	HRF-522I*7
Category of the model	Refrigerator-freezer	
Energy efficiency class	A+	A++
Annual energy consumption (kWh/year) 1)	350	332
Storage volume cooling (L)	331	
Storage volume freezing (L) ****	165	
Star rating	* ***	
Temperature of other compartments > 14°C	Non applicable	
Frostfree system	Yes	
Temperature rise time (h)	5	
Freezing capacity (kg/24h)	12	
Climate class This appliance is intended to be used at an ambient temperature between 10 °C and 43°C.	SN-N-ST-T	
Airborne acoustical noise emissions (db(A) re 1pW)	42	
Construction type	Freestanding	

* Color code

11.2 Additional technical data

Net storage volume (L)	557
Total storage volume (L)	500
Voltage / Frequency	220-240V ~/ 50Hz
Input power (W)	200
Main fuse (A)	15
Coolant	R600a
Water pressure in MPa	0.15-0.6
Dimensions (H/W/D in mm)	1790/908/655

11.3 Standards and directives (€

This product meets the requirements of all applicable EC directives with the corresponding harmonised standards, which provide for CE marking.

 $^{^{1)}}$ based on standard test results for 24 hours. Actual energy consumption will depend on how the appliance is used and where it is located.

12- Customer service

We recommend our Haier Customer Service and the use of original spare parts. If you have a problem with your appliance, please first check section TROUBLESHOOTING.

If you cannot find a solution there, please contact

- ▶ your local dealer or
- ▶ the Service & Support area at www.haier.com where you can find telephone numbers and FAQs and where you can activate the service claim.

To contact our Service, ensure that you have the following data available. The information can be found on the rating plate.

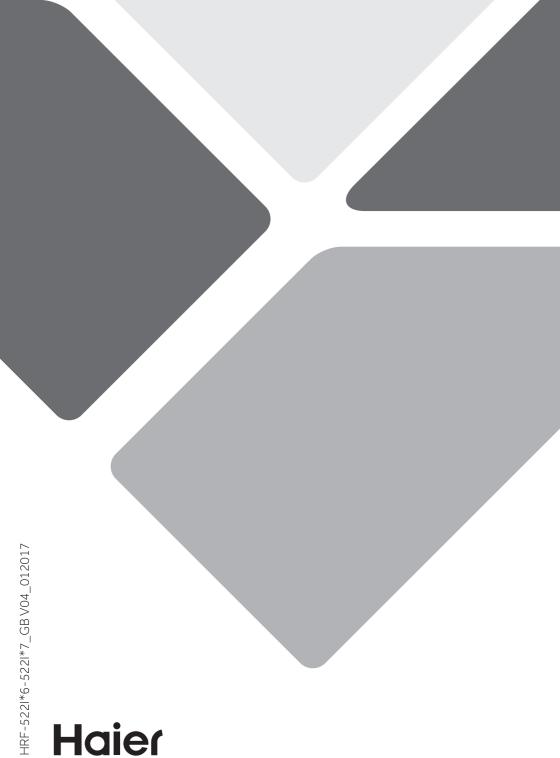
Model	Serial No.	
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Also check the Warranty Card supplied with the product in case of warranty.

For general business enquiries please find below our addresses in Europe:

European Haier addresses			
Country*	Postal address	Country*	Postal address
Italy	Haier Europe Trading SRL Via De Cristoforis, 12 21100 Verese ITALY	France	Haier France SAS 3-5 rue des Graviers 92200 Neuilly sur Seine FRANCE
Spain Portugal	Haier Iberia SL Pg. Garcia Faria, 49-51 08019 Barcelona SPAIN	Belgium-FR Belgium-NL Netherlands Luxembourg	Haier Benelux SA Anderlecht Route de Lennik 451 BELGIUM
Germany Austria	Haier Deutschland GmbH Hewlett-Packard-Str. 4 D-61352 Bad Homburg GERMANY	Poland Czechia Hungary Greece Romania Russia	Haier Poland Sp. zo.o.
United Kingdom	Haier Appliances UK Co.Ltd. One Crown Square Church Street East Woking, Surrey, GU21 6HR UK		Al. Jerozolimskie 181B 02-222 Warszawa POLAND

^{*}For more information please refer to www.haier.com



Haier