

Intended Use

Intended use

- This appliance is intended for cooling and freezing food. It has been designed exclusively for use in dry-interior house holds. 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.

Accessories

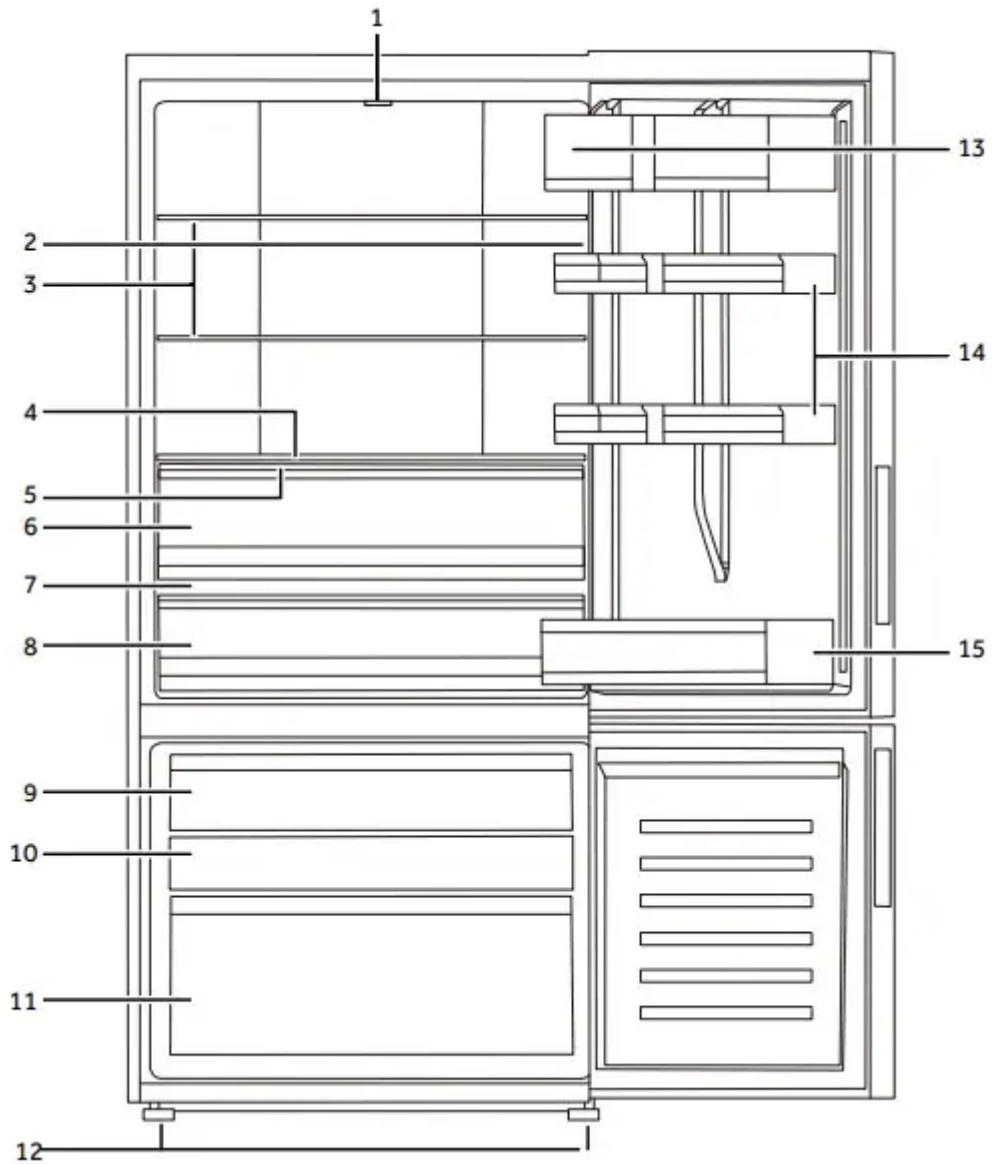
Check the accessories and literature in accordance with this list:



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

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

Product Description

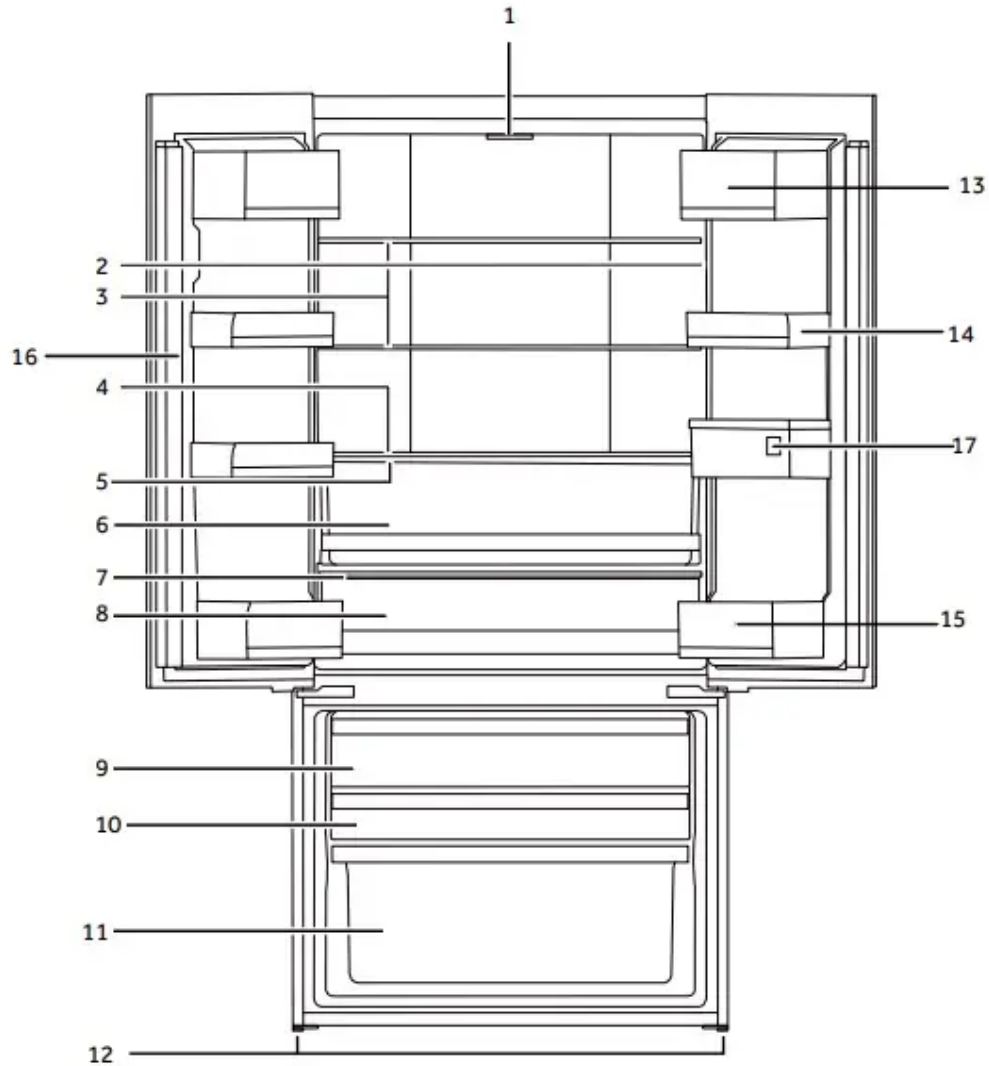


(HRF520BW HRF520BS)

1. Refrigerator LED lamp
2. Rating plate
3. Glass shelves
4. Fresh storage box cover
5. HCS (Humidity Control System)
6. Fresh storage box
7. My Zone glass cover
8. My Zone box
9. Upper freezer storage drawer



- 10. Middle freezer storage drawer
- 11. Lower freezer storage drawer
- 12. Adjustable feet
- 13. Upper door dairy bin
- 14. Middle door shelves
- 15. Bottom door shelf



HRF520FHS

- 1. Refrigerator LED lamp
- 2. Rating plate
- 3. Glass shelves
- 4. Fresh storage box cover
- 5. HCS (Humidity Control System)
- 6. Fresh storage box
- 7. My Zone glass cover

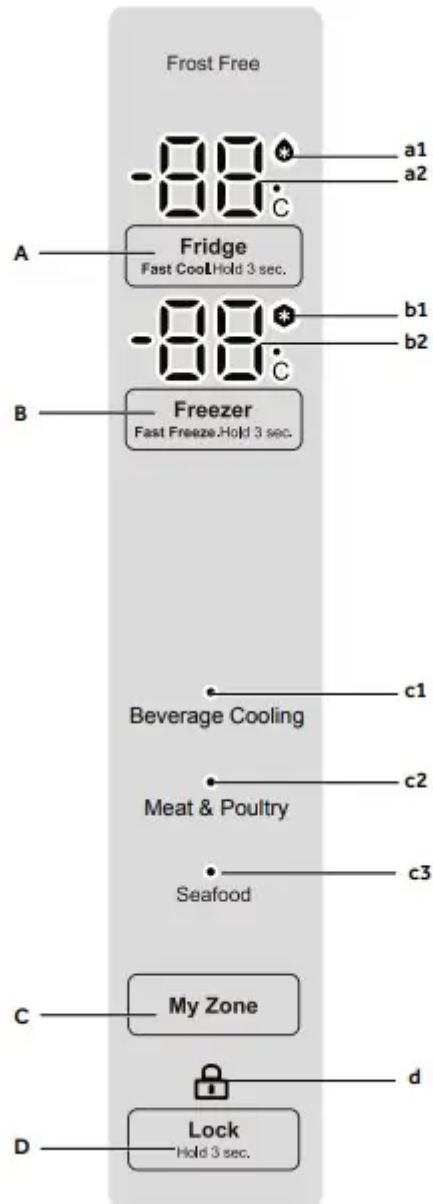
8. My Zone box
9. Upper freezer storage drawer
10. Middle freezer storage drawer
11. Lower freezer storage drawer
12. Adjustable feet
13. Upper door dairy bin
14. Middle door shelves
15. Bottom gallon door shelf
16. Door flapper
17. Water Tank

Use

Before first use

- Remove all packaging materials, keep them out of children`s reach and dispose them in an environmentally friendly manner.
- Clean the inside and outside of the appliance with water and a mild detergent before putting any food in it.
- After the appliance has been levelled and cleaned, wait for at least 2 hours before connecting it to the power supply. See INSTALLATION.
- Precool the compartments at high settings before loading with food. The function Super Cool and Super Freeze help to cool down the compartments quickly.
- The refrigerator temperature and freezer temperature are automatically set to 3°C and -18°C respectively. These are the recommended settings. If desired, you can change these temperatures manually. Please see FUNCTIONS.

Control panel



Buttons:

- A. Fridge selector
- B. Freezer selector
- C. My Zone selector
- D. Panel lock selector

Indicators:

- a1. Super Cool function
- a2. Temperature fridge
- b1. Super Freeze function

- b2. Temperature freezer
- c1. Beverage Cooling function
- c2. Meat & Poultry function
- c3. Seafood function
- d. Panel lock

Sensor keys

- The buttons on the control panel are sensor keys, which 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.
- When the appliance is powered on for the first time, indicator “b2” is shining on the display until the temperature reaches -5°C or after 1 hour working. The temperatures displayed in “a2” and “b2” will show the actual temperatures in the compartment.
- Empty the appliance before switching off. To switch off the appliance, pull the power cord out off the power socket.

Standby-mode

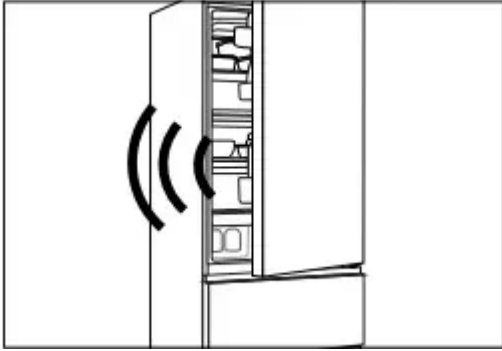
- The display screen turns off automatically 30 seconds after pressing a key. The display will be automatically locked. It lights up automatically when pressing any key or opening the door (alarm does not light up the display screen).

Lock/unlock panel



- Touch button “D” for 3 seconds to block all panel elements against activation. The related indicator “d” is now displayed.
- To unlock, press button “D” again.

Door/drawer opening alarm



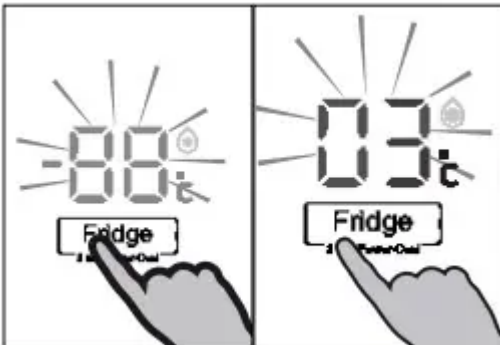
- When the refrigerator door or the freezer drawer is opened for more than 3 minutes, the door/drawer opening alarm will sound. The alarm can be silenced by either closing the door/drawer. If the door/drawer is left open for more than 7 minutes, the light inside the refrigerator/under the refrigerator door and control panel illumination will automatically switch off.

Adjust the temperature

The internal fridge/freezer temperatures are influenced by the following factors:

- ambient temperature;
- frequency of door opening;
- amount of stored foods;
- installation of the appliance;

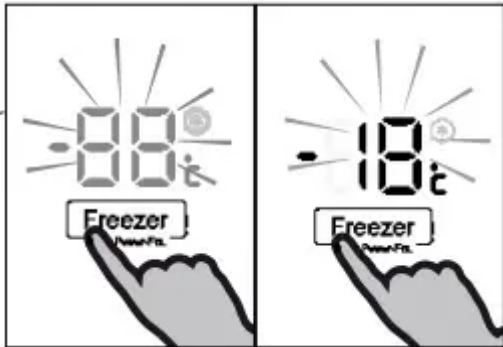
Adjust the temperature for fridge



1. Unlock the panel if it is locked.
2. Press button "A" (Fridge) to select the fridge compartment. Indicator "a2" is flashing.
3. Press button "A" to set the refrigerator temperature. The temperature increases in sequences of 1°C from a minimum of 2°C to a maximum of 8°C, switching to 2°C again when pressing further. The optimum temperature in the refrigerator is 5°C. Colder temperatures mean unnecessary energy consumption.

4. Press any key except "A" to confirm, or the setting confirms automatically after 5 seconds. Indicator "a2" stops flashing

Adjust the temperature for freezer



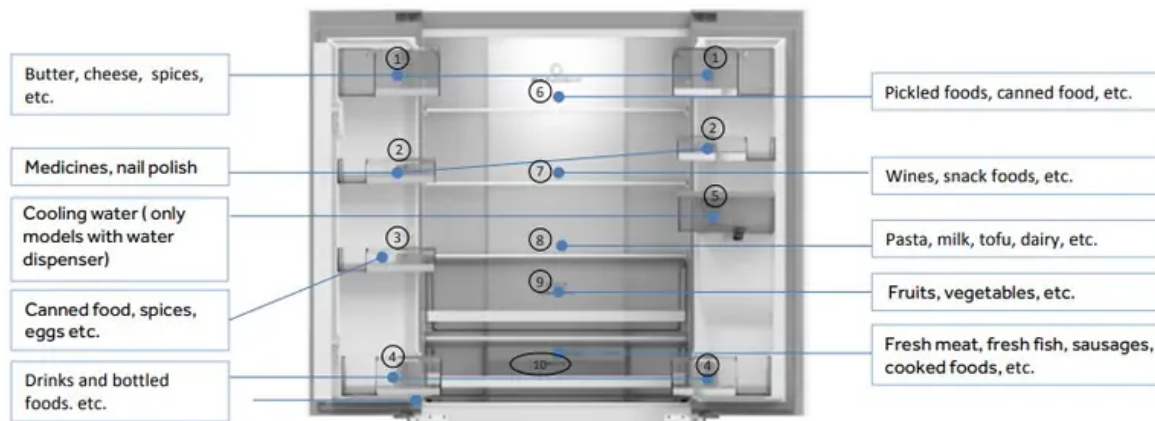
1. Unlock the panel if it is locked.
2. Press button "B" (Freezer) to select the freezer compartment. Indicator "b2" is flashing.
3. Press button "B" (Freezer) to set the freezer temperature. The temperature increases in sequences of 1°C from a minimum of -14°C to a maximum of -24°C, switching to -14°C again when pressing further. The optimum temperature in the freezer is -18°C. Colder temperatures mean unnecessary energy consumption.
4. Press any key except "B" (Freezer) to confirm, or the setting confirms automatically after 5 seconds. Indicator "b2" stops flashing.

Tips on storing fresh food

Storing in the refrigerator 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 refrigerator 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 flow. 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 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
- 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:

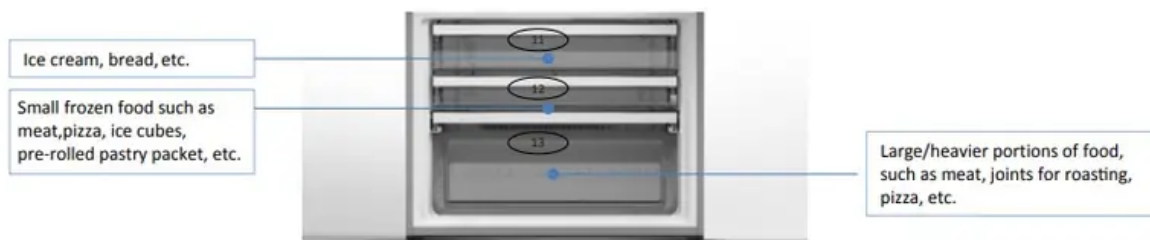


Storage in the freezer compartment

- 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 2.5Kg
- 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 food with these substances (eg. seafood) directly on internal surfaces. 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.
- Consume defrosted food quickly. Defrosted food cannot be re-frozen unless it is first cooked, otherwise it may be less edible.

- Do not load excessive quantities of fresh food in the freezer compartment. Refer to the freezing capacity of the freezer (see TECHNICAL DATA).
- Food can be stored in the freezer at a temperature of at least -18°C for 2 to 12 months, depending on its properties (eg. 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 fridge compartment and save energy.

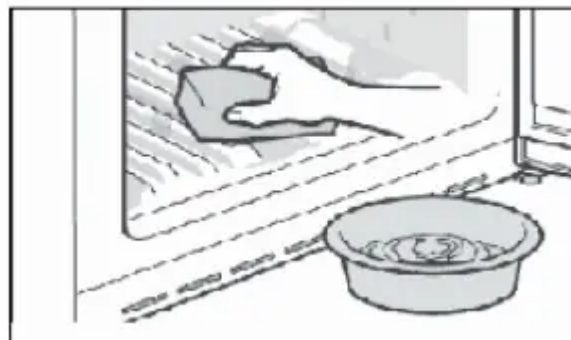
Different foods should be placed in different areas according to their properties:



Care and Cleaning

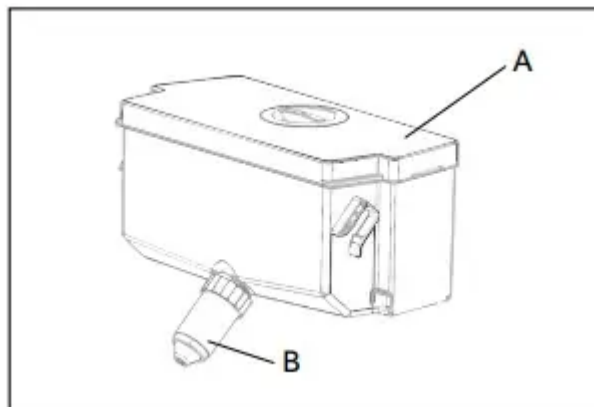
Cleaning

Clean the appliance when only little or no food is stored. The appliance should be cleaned every four weeks for good maintenance and to prevent bad stored food odors.



- Always keep the door gasket clean.
- Clean the inside and housing of the appliance with a sponge dampened in warm water and neutral detergent.
- 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.

Cleaning the water tank (only models with water dispenser)



1. Take the water tank out of the appliance
2. Remove the cover (A).
3. Unscrew the dispenser cock (B).
4. Clean the tank and dispenser cock with warm water and liquid dishwashing detergent. Make sure all soap is rinsed off
5. Mount the dispenser cock, close the cover and replace the tank inside the appliance.

Defrosting

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

Replacing the LED lamps

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

Parameters of the lamp:

Model	Refrigerator compartment		Freezer compartment	
	Voltage	max Power	Voltage	max Power
HRF520BW	12V	2W	-	-
HRF520BS				
HRF520BHS				
HRF520FS				
HRF520FHS				

Non-use for a longer period

If the appliance is not used for an extended period of time, and the Holiday function for the refrigerator is not being used:

- Take out the food.

- Unplug the power cord.
- Clean the appliance as described above.
- Keep the door and freezer drawers/door open to prevent the creation of bad odours inside.

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 refrigerator more than 45° to avoid damaging the refrigerating system.

Troubleshooting

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 power supply should only be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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 for too long a period of time.

- The indoor or outdoor temperature is too high.
 - In this case, it is normal for the appliance to run longer.
- The appliance has been powered off for a period of time.
 - Normally, it takes 8 to 12 hours for the appliance to cool down completely
- A door/drawer of the appliance is not tightly closed
 - Close the door/drawer and ensure the appliance is located on level ground and there is no food or container holding door ajar

- The door/drawer has been opened too frequently or for too long.
 - Do not open the door/drawer too frequently
- The temperature setting for the freezer compartment is too low.
 - Set the temperature higher until a satisfactory refrigerator temperature is obtained. It takes 24 hours for the refrigerator temperature to become stable.
- The door/drawer gasket is dirty, worn, cracked or mismatched.
 - Clean the door/drawer gasket or replace them through customer service
- The required air circulation is not guaranteed.
 - Ensure adequate ventilation.

The inside of the refrigerator is dirty and/ or smells

- The inside of the refrigerator needs cleaning.
 - Clean the inside of the refrigerator
- Food of strong odour is stored in the refrigerator.
 - Wrap the food thoroughly.

It is not cold enough inside the appliance.

- The temperature is set too high.
 - Reset the temperature.
- The temperature of the food stored is too warm.
 - 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 flow
- A door/drawer of the appliance is not tightly closed.
 - Close the door/drawer.
- The door/drawer has been opened too frequently or for too long.
 - Do not open the door/drawer too frequently

It is too cold inside the appliance.

- The temperature is set too low.
 - Reset the temperature.

- The Super Freeze/Super Cool function is activated or is running too long.
 - Switch off the Super Freeze/ Super Cool function.

Moisture formation on the inside of the refrigerator compartment.

- The climate is too warm and too damp.
 - Increase the temperature.
- A door/drawer of the appliance is not tightly closed.
 - Close the door/drawer.
- The door/drawer has been opened too frequently or for too long.
 - Do not open the door/drawer too frequently.
- Food containers or liquids are left open.
 - Let hot foods cool to room temperature and cover foods and liquids.

Moisture accumulates on the refrigerator outside surface or between the doors/door and drawer

- The climate is too warm and too damp.
 - This is normal in damp climate and will change when the humidity decreases
- The door/drawer is not closed tightly. The cold air in the appliance and the warm air outside it condensates.
 - Ensure that the door/drawer is tightly shut

Strong ice and frost in the freezer compartment.

- The goods were not adequately packaged.
 - Always pack the goods well.
- A door/drawer of the appliance is not tightly closed.
 - Close the door/drawer.
- The door/drawer has been opened too frequently or for too long.
 - Do not open the door/drawer too frequently.
- The door/drawer gasket is dirty, worn, cracked or mismatched.
 - Clean the door/drawer gasket or replace them with new ones.
- Something on the inside prevents the door/drawer to close properly
 - Reposition the shelves, door racks, or internal containers to allow the door/drawer 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 heard similar to that of flowing water.

- -
 - This is normal.

You hear an alarm beep.

- The fridge storage compartment door is open.
 - Close the door or silence the alarm manually.
- The temperature in the freezer is too high.
 - The alarm is normal when it is first started due to relatively higher temperature.
You can silence the alarm manually (see USE).

You 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.
 - Connect the mains plug.
- 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 customer service to change the lamp.

Power interruption

In the event of a power cut, food should remain safely cold for about 16 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 16 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.

Installation

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.

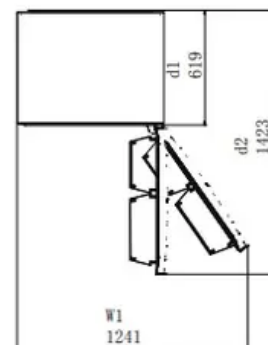
Door reversibility

Before the appliance is permanently installed, check the correct position of the door hinge. If necessary see door reversibility below.

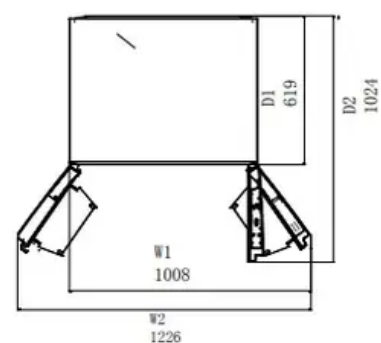
Space requirement

Required space when door is opened:

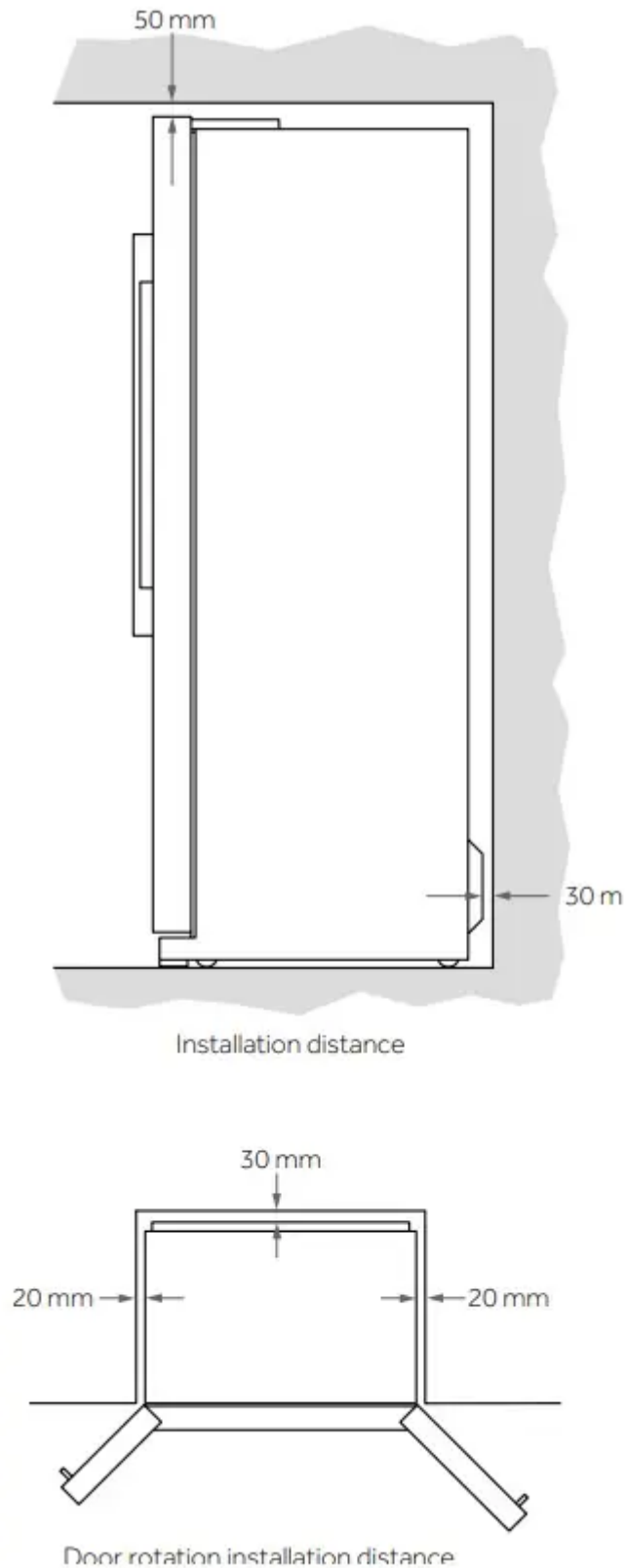
Model	Appliance width in mm		Appliance depth in mm	
	W1	W2	D1	D2
HRF520BW HRF520BS HRF520BHS	1241	–	619	1423



Model	Appliance width in mm		Appliance depth in mm	
	W1	W2	D1	D2
HRF520FS HRF520FHS	1008	1226	619	1024



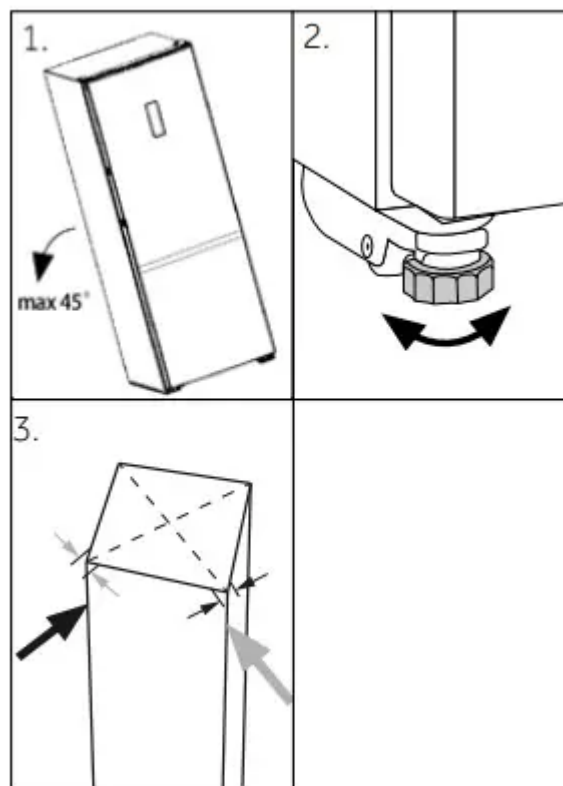
Positioning your appliance



- This appliance should be installed in a room that is dry and well ventilated. To provide adequate ventilation, make sure the refrigerator is at least 20mm clear on all sides from kitchen cabinetry, and 30mm from the back wall. Any units placed above the appliance must be clear by 50mm to allow sufficient ventilation.

- If locating the refrigerator close to a corner, sufficient spacing must be left for opening the doors and removing the shelves.
- This appliance should be at least 100mm from any electric or gas cooker. If this is not possible, make sure that appropriate insulation is used (eg insulated wall).
- Avoid exposing the appliance to direct sunlight, and sources of heat (such as radiators, heaters or cookers).
- Locating this appliance in a cold environment (such as a shed, outhouse or garage) may compromise its performance. A consistent room temperature of 10°C or above is recommended to ensure optimum performance and food care.

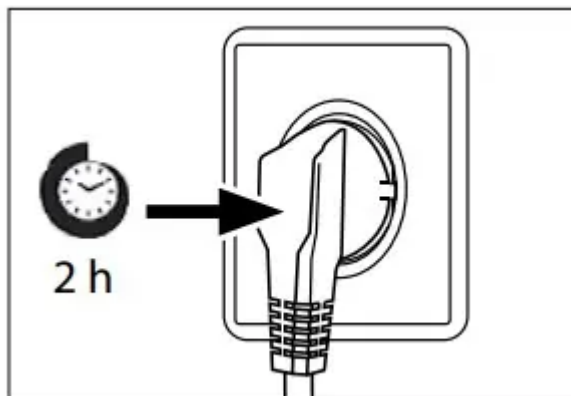
Aligning the appliance



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

1. Tilt the appliance slightly backwards.
2. Set the feet to the desired level. Make sure the distance to the wall on the hinge side is at least 100mm for the door to open properly.
3. 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 lowering of the rear feet facilitates the door.

Waiting time



- Maintenance-free lubrication oil is located in the capsule of the compressor. This oil may get through closed pipe system during transportation. Before connecting the appliance to the power supply you have to wait 2 hours so that the oil runs back into the capsule.

Electrical connection

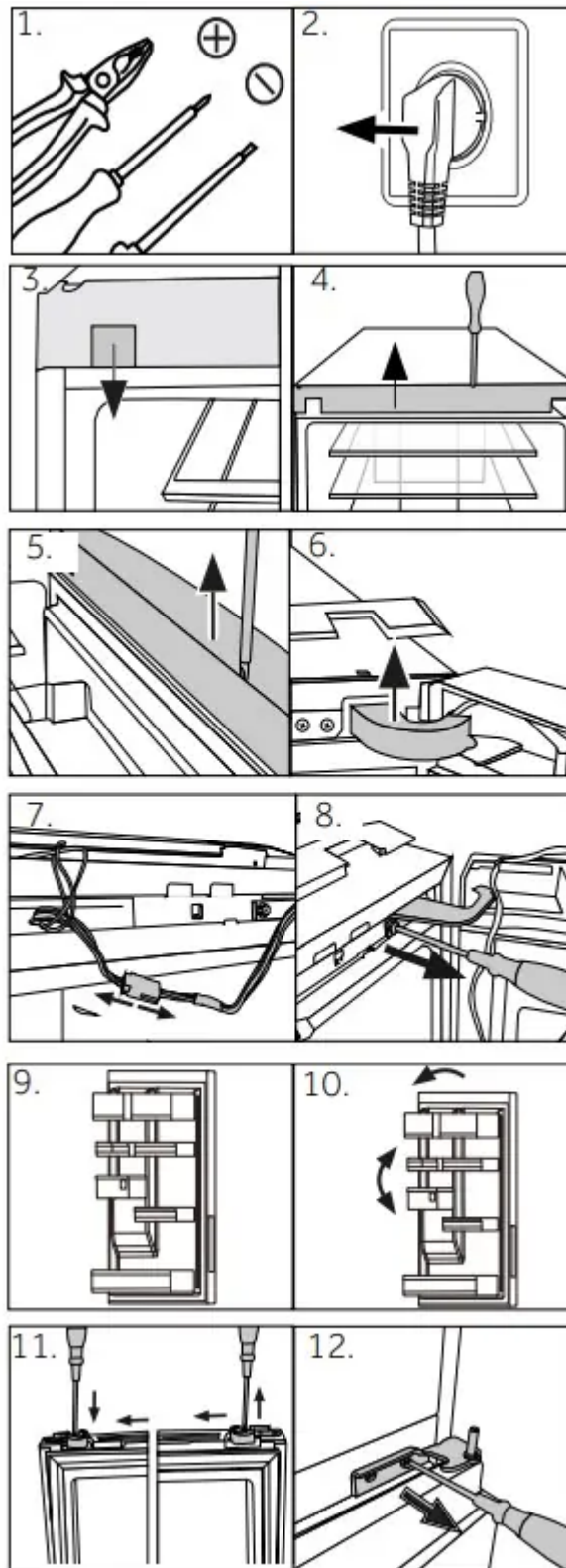
Before each connection check if:

- power supply, socket and fusing are appropriate to the rating plate.
- the power socket is earthed and no multi-plug or extension is being used.
- the power plug and socket are of sound condition.

Connect the plug to a properly installed household socket.

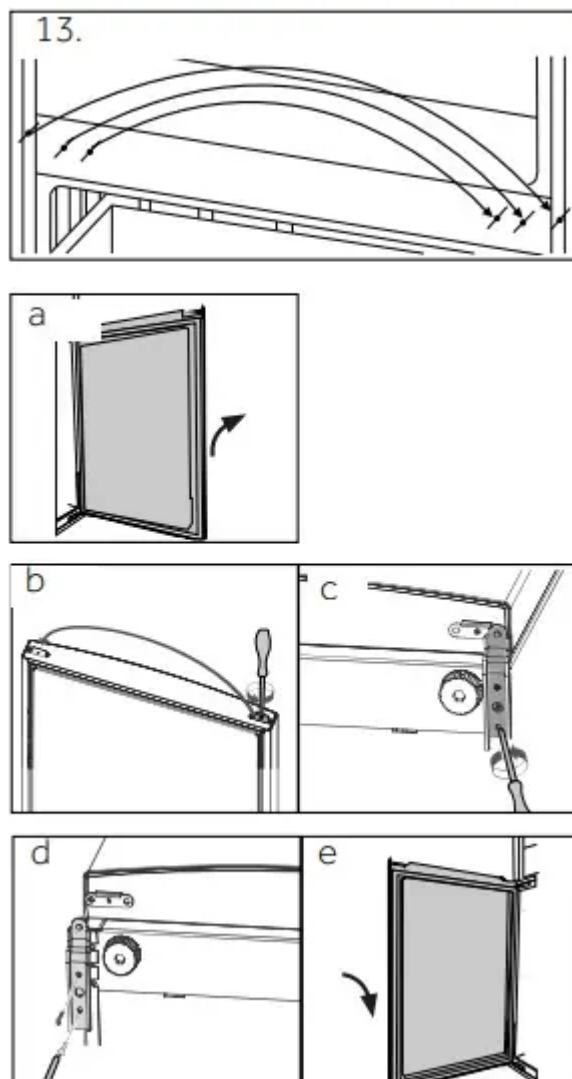
Door reversibility

Before connecting the appliance to the power supply, you should check whether the door swing must be changed from right (as delivered) to left, as required by the installation location and the usability.



1. Locate necessary tools.
2. Unplug the appliance.
3. Remove the fixation of the cover.
4. Remove the faceplate of the body.
5. Remove the top-plate of the upper door

6. Remove the hinge cover.
7. Unplug the connection cable.
8. Unscrew the upper hinge.
9. Lift the loose upper door carefully off the lower hinge.
10. Turn the upper door upside down and change the position of the hinge barrel on the lower side of the door.
11. Change the door stop from the current position to opposite side.
12. Unscrew the lower hinge of the upper door.
13. Change the positions of the blanking plugs and the screw on the other side.
 - a Remove lower door.
 - b Change the door stop at the bottom of the lower door from the current position to opposite side.
 - c Unscrew the bottom hinge.
 - d Take out the new bottom hinge from the accessory bag and screw the new bottom hinge to the other side of the door opening.
 - e Lift the lower door carefully onto the bottom hinge so that the pivot fits into the hinge barrel.



14. Take out the new hinge from the accessory bag and screw the new middle hinge of upper door to the other side of the door opening.

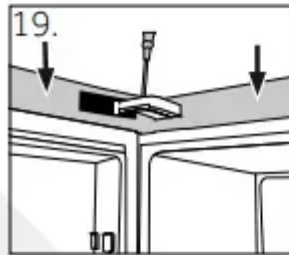
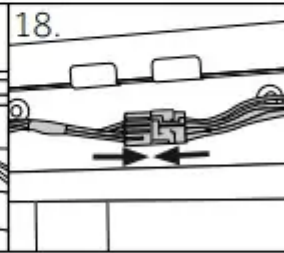
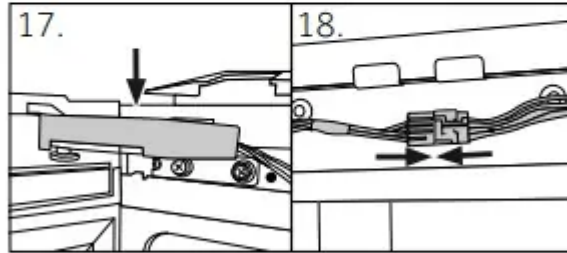
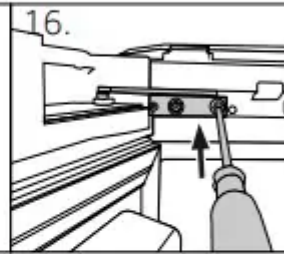
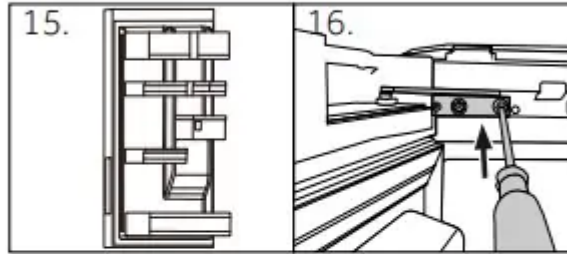
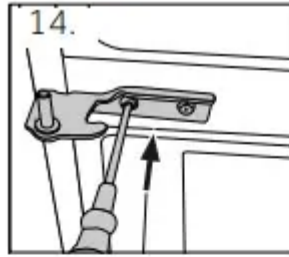
15. Lift the door carefully on to the lower hinge so that the pivot fits into the hinge barrel.

16. Fix the upper hinge with the screws.

17. Put the connection cable through the hinge cover (delivered in the accessory bag) and put it over the hinge.

18. Plug in the connection cable and fit it into the opening.

19. Replace faceplate and cover, fix it with the screws and reinsert the fixation (see fig. 3).



After changing the door check that the door seals are located properly on the housing and all screws are tightened well.

Technical Data

Trademark	Haier	Haier
Model No.	HRF520BW HRF520BS HRF520BHS	HRF520FS HRF520FHS
Category of the model	Refrigerator-freezer	Refrigerator-freezer
Voltage/Frequency	220V-240V~/50Hz	220V-240V~/50Hz
Energy Star	4 star	4 star
Frost-free system	Yes	Yes
Product group	5B	5B
Total gross volume	517L	514L
Total storage volume	433L	430L
Fresh food compartment volume	344L	341L
Freezer compartment volume	89L	89L
Climate class	T	T
Refrigerant	R600a 64g	R600a 64g
Insulation blowing gas	HC-C601	HC-C601
Dimension (DxWxH)	686x790x1725mm	686x790x1725mm
Protection class	I	I

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.