

User Instruction

Fridge

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Thank you for purchasing this product.

Before using your refrigerator, please carefully read this instruction manual in order to maximize its performance. Store all documentation for subsequent use or for other owners. This product is intended solely for household use or similar applications such as:

- the kitchen area for personnel in shops, offices and other working environments
- on farms, by clientele of hotels, motels and other environments of a residential type
- at bed and breakfasts (B & B)
- for catering services and similar applications not for retail sale.

This appliance must be used only for purposes of storage of food, any other use is considered dangerous and the manufacturer will not be responsible for any omissions. Also, it is recommended that you take note of the warranty conditions.

SAFETY INFORMATION

Please read the operating and installation instructions carefully!

They contain important information on how to install, use and maintain the appliance.

The manufacturer is not liable if you fail to comply with the instructions and warnings.

Retain all documents for subsequent use or for the next owner.

- **Do not connect the appliance to the electricity supply until all packing and transit protectors have been removed. Keep children away from packaging and its parts.**
Danger of suffocation from folding cartons and plastic film!
- **Leave to stand for at least 4 hours before switching on the product, to allow compressor oil to settle if transported horizontally.**
- **Make sure there is no transport damage.**
- **Do not damage the refrigerant circuit.**

- **Maintain the ventilation openings in the appliance enclosure or in the built-in structure, free of obstruction.**
- **Never use water to wash the compressor position, wipe it with a dry cloth thoroughly after cleaning to prevent rust.**
- **Handle the appliance always with at least two persons because it is heavy.**
- **Install and level the appliance in an area suitable for its size and use.**
- **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.**
- **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.**
- **Make sure that mains cable is not caught under the appliance during and after**

carrying/moving the appliance, to avoid the mains cable becoming cut or damaged. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.

- Do not install the appliance in humid, oily or dusty places, nor expose it to direct sunlight and to water.**
- Do not install the appliance near heaters or inflammable materials.**
- FOR appliances with a freezer compartment: if there is a power failure do not open the lid. Frozen food should not be affected if the failure lasts for less than the hours indicated on the rating label (Temperature rise time). If the failure is longer, then the food should be checked and eaten immediately or cooked and then refrozen.**
- If you find that the lid of the appliance is difficult to open just after you have closed it, don't worry. This is due to the pressure difference which will equalize and allow the lid to be opened normally after a few minutes.**
- 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.**
- Do not excessively pull or fold the power cord**

or touch the plug with wet hands.

- **Do not store products which contain flammable propellant (e.g. spray cans) or explosive substances in the appliance. Risk of explosion!**
- **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 use electrical appliances inside the food storage compartments, unless they are of the type recommended by the manufacturer.**
- **Do not touch internal cooling elements, especially with wet hands, to avoid cracks or injuries.**
- **At risk here are children, people who have limited physical, mental or sensory abilities, as well as people who have inadequate knowledge concerning safe operation of the appliance.**
- **Check that children and vulnerable people have understood the hazards. A person responsible for safety must supervise or instruct children and vulnerable people who are using the appliance. Only children aged 8 years and above may use the appliance.**
- **Children should not play with the appliance.**

- **Children aged from 3 to 8 years are allowed to load and unload this appliance.**
- **FOR appliances with a freezer compartment: do not store bottled or canned liquids (especially carbonated drinks) in the freezer compartment. Bottles and cans may burst!**
- **FOR appliances with a freezer compartment: never put frozen food straight from the freezer compartment in your mouth. Risk of low-temperature burns!**
- **Keep plastic parts and the door seal free of oil and grease. Otherwise, plastic parts and the door seal will become porous.**
- **Before performing any operation, unplug the power cord from the power socket.**
- **Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.**
- **Do not use pointed or sharp-edged objects such as knives or forks to remove the frost.**
- **Never use hairdryers, electrical heaters or other such electrical appliances for defrosting.**
- **It is recommended to keep the plug clean, any excessive dust residues on the plug can be the cause fire.**
- **Do not try to repair, disassemble or modify the appliance by yourself. In case of repair please contact always our customer service.**

- **Supervise children while the appliance is being cleaned or maintained.**
- **Do not clean the cold glass shelves with hot water. Sudden temperature change may cause the glass to break.**
- **WARNING: The tubes of the refrigeration circuit convey a small quantity of an environmentally friendly but flammable refrigerant (R600a) and insulating gas (cyclopentane). It does not damage the ozone layer and does not increase the greenhouse effect. If refrigerant escapes, it may injure your eyes or ignite.**
- **If the refrigerant circuit should be damaged:**
 - **Switch off the appliance and pull out the mains plug,**
 - **Keep naked flames and/or ignition sources away from the appliance,**
 - **Thoroughly ventilate the room for several minutes,**
 - **Inform customer service.**
- **WARNING: Do not damage the plug and/or the power cord; this could cause electrical shocks or fires.**
- **WARNING: Do not use multiple portable socket-outlets or portable power supplies. We do not recommend the use of extension leads and multi-way adapters.**
- **Do not attempt to sit or stand on the top of the**

appliance. You could injure yourself or damage it. This appliance is not designed for stacking with any other ones.

- **The product is designed and built for domestic household use only.**
- **Only original parts supplied by the manufacturer may be used. The manufacturer guarantees that only these parts satisfy the safety requirements.**
- **Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.**

-Clean regularly surfaces that can come in contact with food and accessible drainage systems.

-Clean water tanks if they have not been used for 48h; flush the water system connected to a water supply if water has not been drawn for 5 days.

-Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.

-Two-star frozen-food compartments(if they are presented in the appliance) are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes.

-One-, two- and three -star compartments, if present in the appliance, are not suitable for the freezing of fresh food.

-If the appliance is left empty for long periods, switch off, defrost, clean, dry and leave the door open to prevent mould developing within the appliance.

- **FOR Wine Coolers: this appliance is intended to be used exclusively for the storage of wine**
- **FOR a free standing appliance: this refrigerating appliance is not intended to be used as a built-in appliance**
- **FOR appliances without a 4-star compartment: this refrigerating appliance is not suitable for freezing foodstuffs**

Scrapping old appliances



This appliance is marked according to the European directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE).

WEEE contains both polluting substances (which can cause negative consequences for the environment) and basic components (which can be re-used). It is important to have WEEE subjected to specific treatments, in order to remove and dispose properly all pollutants, and recover and recycle all materials.

Individuals can play an important role in ensuring that WEEE does not become an environmental issue; it is essential to follow some basic rules:

- WEEE should not be treated as household waste;
- WEEE should be handed over to the relevant collection points managed by the municipality or by registered companies. In many countries, for large WEEE, home collection could be present.

In many countries, when you buy a new appliance, the old one may be returned to the retailer who has to collect it free of charge on a one-to-one basis, as long as the equipment is of equivalent type and has the same functions as the supplied equipment.

Conformity

By placing the  mark on this product, we are confirming compliance to all relevant European safety, health and environmental requirements which are applicable in legislation for this product.

Guarantee

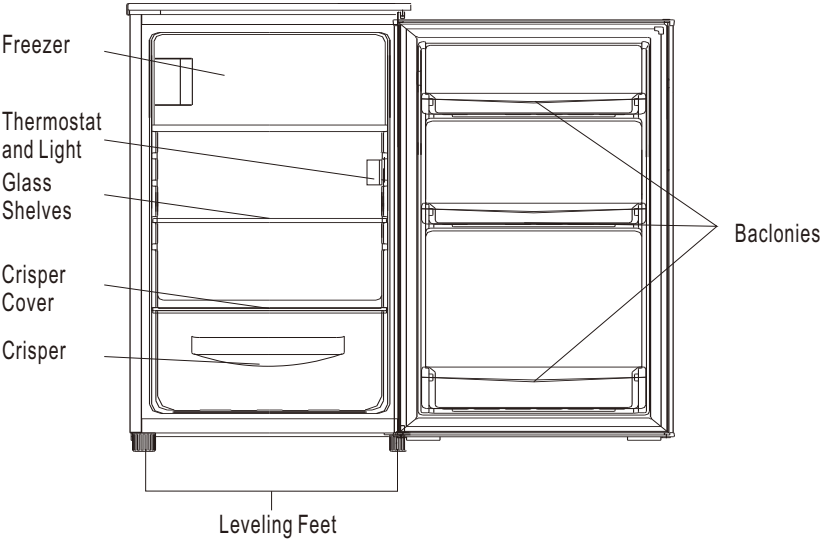
Minimum guarantee is: 2 years for EU Countries, 3 years for Turkey, 1 year for UK, 1 year for Russia, 3 years for Sweden, 2 years for Serbia, 5 years for Norway, 1 year for Morocco, 6 months for Algeria, Tunisia no legal warranty required.

Energy Saving

For better energy saving we suggest :

- Installing the appliance away from heat sources and not exposed to direct sunlight and in a well ventilated room.
- Avoid putting hot food into the refrigerator to avoid increasing the internal temperature and therefore causing continuous functioning of the compressor.
- Do not excessively stuff foods so as to ensure proper air circulation.
- Defrost the appliance in case there is ice to facilitate the transfer of cold.
- In case of absence of electrical energy, it is advisable to keep the refrigerator door closed.
- Open or keep the doors of the appliance open as little as possible
- Avoid adjusting the setting to temperatures too cold.
- Remove dust present on the rear of the appliance

Overview



The most energy-saving configuration requires drawers, food box and shelves to be positioned in the product, please refer to the above pictures.

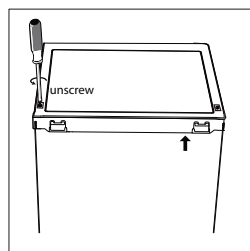
Note: Above picture is for reference only. Real appliance probably is different.

Reverse Door

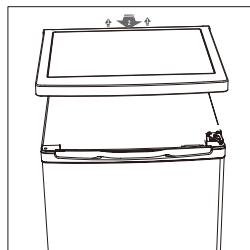
Tool required: Philips screwdriver, Flat bladed screwdriver, Hexagonal spanner.

- Ensure the unit is unplugged and empty.
- To take the door off, it is necessary to tilt the unit backwards. You should rest the unit on something solid so that it will not slip during the door reversing process.
- All parts removed must be saved to do the reinstallation of the door.
- Do not lay the unit flat as this may damage the coolant system.
- It's better that 2 people handle the unit during assembly.

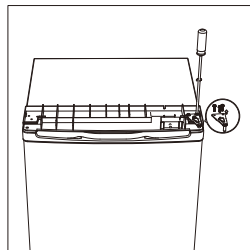
1. Remove two screws at rear side of top cover.



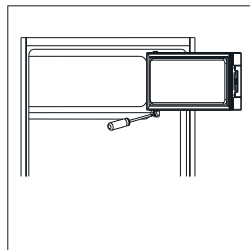
2. Remove top cover and place it aside.



3. Unscrew top hinge and then remove door and place it on a soft pad to avoid scratch.

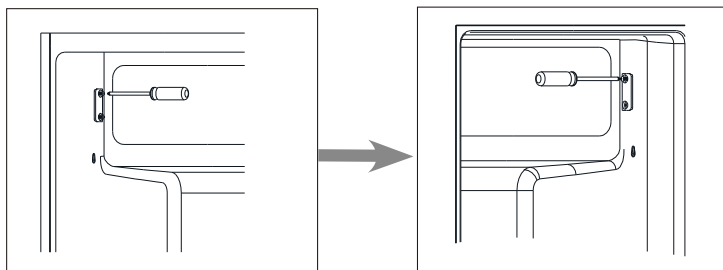


4. Unscrew bottom hinge of freezer door. Then remove the door and place it on a soft pad to avoid scratch.

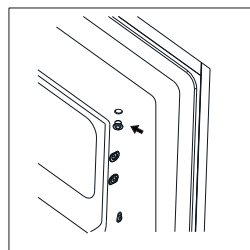


Reverse Door

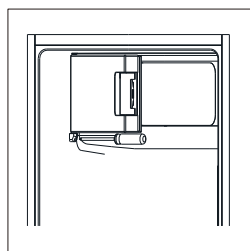
5. Move door holder from left side to right side.



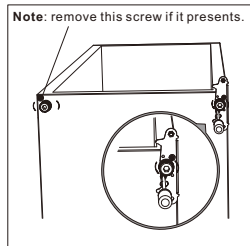
6. Move hinge hole cover from left side to right side.



7. Rotate freezer door and place hinge side at left side. And then fix the door by holder.

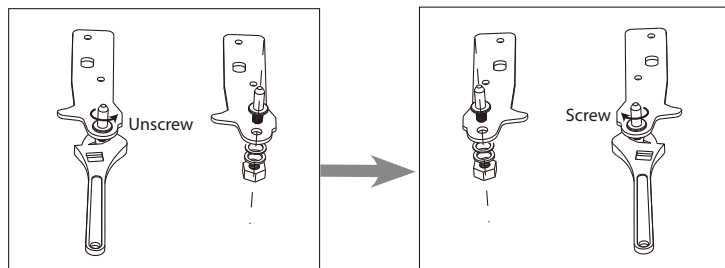


8. Unscrew bottom hinge. Then remove the adjustable feet from both side.

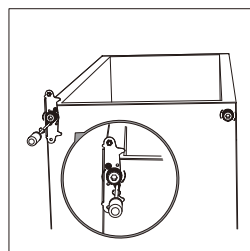


Reverse Door

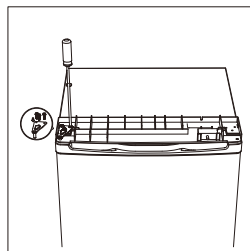
9. Unscrew and remove the bottom hinge pin, turn the bracket over and replace it.



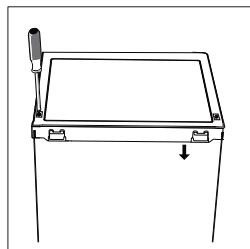
10. Refit the bracket fitting the bottom hinge pin. Replace both adjustable feet.



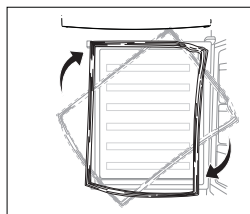
11. Place the door back on. Ensure the door is aligned horizontally and vertically, so that the seals are closed on all sides before finally tightening the top hinge.



12. Put the top cover and fix it with 2 screws on the back.

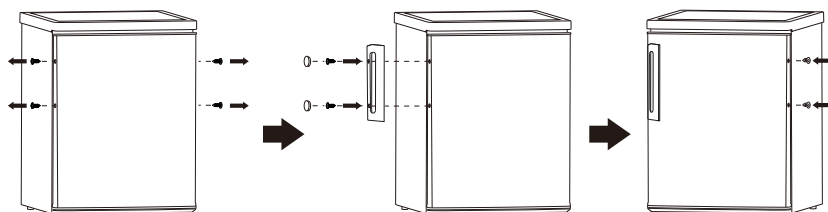


13. Detach the Fridge and the Freezer door gaskets and then attach them after rotating.



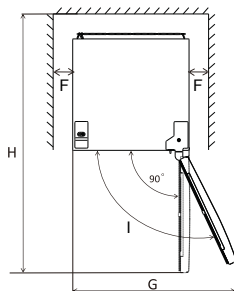
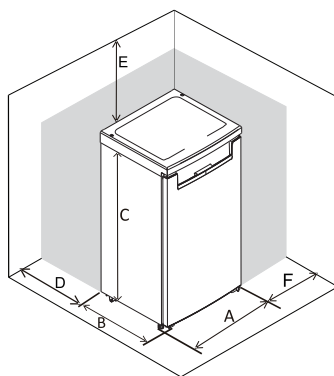
Installation

Install door external handle (if external handle is present)



Space Requirement

- Keep enough space of door open.

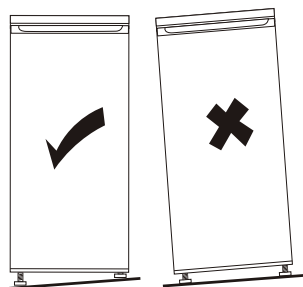
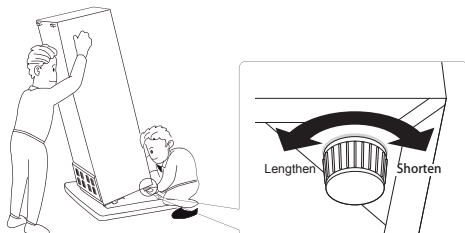


	EF1-16	EF1-14	EF1-162
A	550	500	550
B	580	560	580
C	850	840	850
D	min=50	min=50	min=50
E	min=50	min=50	min=50
F	min=50	min=50	min=50
G	940	855	940
H	1180	1110	1180

Levelling the unit

To do this adjust the two levelling feet at front of the unit.

If the unit is not level, the doors and magnetic seal alignments will not be covered properly.



Installation

Positioning

Install this appliance at a location where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

for refrigerating appliances with climate class:

- extended temperature: this refrigerating appliance is intended to be used at ambient temperatures ranging from 10 °C to 32 °C; (SN)
- temperate: this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 32 °C; (N)
- subtropical: this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 38 °C; (ST)
- tropical: this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 43 °C; (T)

Location

The appliance should be installed well away from sources of heat such as radiators, boilers, direct sunlight etc. Ensure that air can circulate freely around the back of the cabinet. To ensure best performance, if the appliance is positioned below an overhanging wall unit, the minimum distance between the top of the cabinet and the wall unit must be at least 50 mm. Ideally, however, the appliance should not be positioned below overhanging wall units. Accurate leveling is ensured by one or more adjustable feet at the base of the cabinet.

This refrigerating appliance is not intended to be used as a built-in appliance;

 **Warning!** It must be possible to disconnect the appliance from the mains power supply; the plug must therefore be easily accessible after installation.

Electrical connection

Before plugging in, ensure that the voltage and frequency shown on the rating plate correspond to your domestic power supply. The appliance must be earthed. The power supply cable plug is provided with a contact for this purpose. If the domestic power supply socket is not earthed, connect the appliance to a separate earth in compliance with current regulations, consulting a qualified electrician.

The manufacturer declines all responsibility if the above safety precautions are not observed.

This appliance complies with the E.E.C. Directives.

Daily Use

First use

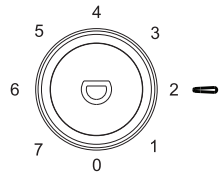
Cleaning the interior

Before using the appliance for the first time, wash the interior and all internal accessories with lukewarm water and some neutral soap so as to remove the typical smell of a brand new product, then dry thoroughly.

Important! Do not use detergents or abrasive powders, as these will damage the finish.

Temperature Setting

- Plug on your appliance. The internal temperature is controlled by a thermostat. There are 8 settings . 1 is warmest setting and 7 is coldest setting and 0 is off.
- The appliance may not operate at the correct temperature if it is in a particularly hot or if you open the door often.



Daily use

Position different food in different compartments according to be below table

Refrigerator compartments	Type of food
Door and balconies	• Food with natural preservatives, such as jams, juices, drinks, condiments. • Don't store perishable foods.
Crisper	• Fruit, herbs and vegetables should be placed separately in the crisper bin. • Don't store bananas, onions, potatoes, garlic in the refrigerator.
Fridge shelf	• Daily products eggs; • Foods that do not need cooling, such as ready to eat foods deli meat, leftovers.
Freezer compartment	• foods foe long-term storage.

Freezing fresh food

- The freezer compartment is suitable for freezing fresh food and storing frozen and deep-frozen food for a long time.
- Place the fresh food to be frozen in the freezer compartment.
- The maximum amount of food that can be frozen in 24 hours is specified on the rating plate.
- The freezing process lasts 24 hours: during this period do not add other food to be frozen.

Storing frozen food

When first starting-up or after a period out of use, before putting the product in the compartment let the appliance run at least 2 hours on the higher settings.

Important! In the event of accidental defrosting, for example the power has been off for longer than the value shown in the technical characteristics chart under "rising time", the defrosted food must be consumed quickly or cooked immediately and then re-frozen (after cooked).

Daily Use

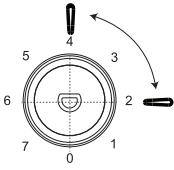
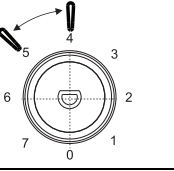
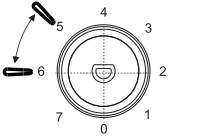
Thawing

Deep-frozen or frozen food, prior to be used, can be thawed in the fridge compartment or at room temperature, depending on the time available for this operation. Small pieces may even be cooked still frozen, directly from the freezer. In this case, cooking will take longer.

Ice-cube

This appliance may be equipped with one or more ice-cube to produce ice.

Temperature setting recommendation

Temperature Setting Recommendation		
Environment Temperature	Freezer compartment	Fridge compartment
Summer	/	
		Set on 2~4
Normal	/	
		Set on 4~5
Winter	/	
		Set on 5~6

- Information above give users recommendation of temperature setting.

Impact on Food Storage

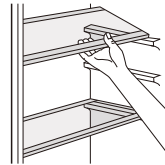
- It's suggested to set the temperature at 4°C in the fridge compartment, and, whether possible, at -18°C in the freezer compartment.
- For most food categories, the longest storage time in the fridge compartment is achieved with colder temperatures. Since some particular products (as fresh fruits and vegetables) may be damaged with colder temperatures, it is suggested to keep them in the crisper drawers, whenever present. If not present, maintain an average setting of the thermostat.
- For frozen food, refer to the storage time written on the food packaging. This storage time is achieved whenever the setting respects the reference temperatures of the compartment (one-star -6°C, two stars -12°C, three stars -18°C).

Daily Use

Accessories

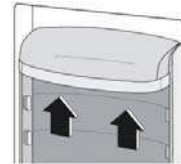
Movable shelves

The walls of the refrigerator are equipped with a series of runners so that the shelves can be positioned as desired.



Positioning the door balconies

To permit storage of food packages of various sizes, the door balconies can be placed at different heights. To make these adjustments proceed as follows: gradually pull the balcony in the direction of the arrows until it comes free, then reposition as required.



Helpful hints and tips

To help you make the most of the freezing process, here are some important hints:

- prepare food in small portions to enable it to be rapidly and completely cooled and to make it possible subsequently to thaw only the quantity required;
- wrap up the food in aluminium foil or polythene and make sure that the packages are airtight;
- do not allow fresh, unfrozen food to touch food which is already frozen, thus avoiding a rise in temperature of the latter;
- lean foods store better and longer than fatty ones; salt reduces the storage life of food;
- water ices, if consumed immediately after removal from the freezer compartment, can possibly cause the skin to be freeze burnt;
- it is advisable to show the freezing in date on each individual pack to enable you removal from the freezer compartment, can possibly cause the skin to be freeze burnt;
- it is advisable to show the freezing in date on each individual pack to enable you to keep track of the storage time.

Hints for storage of frozen food

To obtain the best performance from this appliance, you should:

- make sure that the commercially frozen foodstuffs were adequately stored by the retailer;
- be sure that frozen foodstuffs are transferred from the food store to the freezer in the shortest possible time;
- not open the door frequently or leave it open longer than absolutely necessary.
- once defrosted, food deteriorates rapidly and cannot be re-frozen;
- do not exceed the storage period indicated by the food manufacture.

Hints for fresh food refrigeration

To obtain the best performance:

- Do not store warm food or evaporating liquids in the refrigerator
- Do cover or wrap the food, particularly if it has a strong flavour
- Make (all types): wrap in polythene bags and place on the glass shelves above the vegetable drawer.
- For safety, store in this way only one or two days at the most.
- Cooked foods, cold dishes, etc...: these should be covered and may be placed on any shelf.
- Fruit and vegetables: these should be thoroughly cleaned and placed in the special drawer(s) provided.
- butter and cheese: these should be placed in special airtight containers or wrapped in aluminum foil or polythene bags to exclude as much air as possible.
- Milk bottle: these should have a cap and should be stored in the balconies on the door.
- Bananas, potatoes, onions and garlic, if not packed, must not be kept in the fridge.

Door Open alarm

If you miss to close the fridge door for 60s, the LED light will flash 3 times and then light for 5s, repeating this cycle until the door is closed.

- 1) If the condenser is at back of appliance.

Daily Use

Cleaning

For hygienic reasons the appliance interior, including interior accessories, should be cleaned regularly.



Caution! The appliance may not be connected to the mains during cleaning. Danger of electrical shock! Before cleaning switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse. Never clean the appliance with a steam cleaner. Moisture could accumulate in electrical components, danger of electrical shock! Hot vapors can lead to the damage of plastic parts. The appliance must be dry before it is placed back into service.

Important! Ethereal oils and organic solvents can attack plastic parts, e.g. lemon juice or the juice from orange peel, butyric acid, cleanser that contain acetic acid.

- Do not allow such substances to come into contact with the appliance parts.
- Do not use any abrasive cleaners
- Remove the food from the freezer. Store them in a cool place, well covered.
- Switch the appliance off and remove the plug from the mains, or switch off or turn out the circuit breaker or fuse.
- Clean the appliance and the interior accessories with a cloth and lukewarm water. After cleaning wipe with fresh water and rub dry.
- After everything is dry place appliance back into service.

Defrosting of the freezer

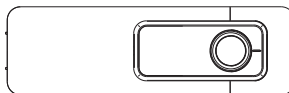
The freezer compartment, however, will become progressively covered with frost. This should be removed. Never use sharp metal tools to scrape off frost from the evaporator as you could damage it.

However, when the ice becomes very thick on the inner liner, complete defrosting should be carried out as follows:

- pull out the plug from the socket;
- remove all stored food, wrap it in several layers of newspaper and put it in a cool place;
- keep the door open, and placing a basin underneath of the appliance to collect the defrost water;
- when defrosting is completed, dry the interior thoroughly
- replace the plug in the power socket to run the appliance again.

Replace the lamp

- The internal light is a LED type. To replace the lamp, please contact qualified technician.



AVAILABILITY OF SPARE PARTS

- Thermostats, temperature sensors, printed circuit boards and light sources are available for a minimum period of seven years after placing the last unit of the model on the market.
- Door handles, door hinges, trays and baskets for a minimum period of seven years and door gaskets for a minimum period of 10 year, after placing the last unit of the model on the market”.

Daily Use

Troubleshooting



Caution! Before troubleshooting, disconnect the power supply. Only a qualified electrician of competent person must do the troubleshooting that is not in this manual.

Important! There are some sounds during normal use (compressor, refrigerant circulation).

Problem	Possible cause	Solution
Appliance does not work	Temperature regulation knob is set at number "0".	Set the knob at other number to switch on the appliance.
	Mains plug is not plugged in or is loose	Insert mains plug.
	Fuse has blown or is defective	Check fuse, replace if necessary.
	Socket is defective	Mains malfunctions are to be corrected by an electrician.
The food is too warm.	Temperature is not properly adjusted.	Please look in the initial Temperature Setting section.
	Door was open for an extended period.	Open the door only as long as necessary.
	A large quantity of warm food was placed in the appliance within the last 24 hours.	Turn the temperature regulation to a colder setting temporarily.
	The appliance is near a heat source.	Please look in the installation location section.
Appliance cools too much	Temperature is set too cold.	Turn the temperature regulation knob to a warmer setting temporarily.
Unusual noises	Appliance is not level.	Re-adjust the feet.
	The appliance is touching the wall or other objects.	Move the appliance slightly.
	A component, e.g. a pipe, on the rear of the appliance is touching another part of the appliance or the wall.	If necessary, carefully bend the component out of the way.
Water on the floor	Water drain hole is blocked.	See the Cleaning section.
Side panel is hot	Condenser is inside the panel.	It's normal.

If the malfunction shows again, contact the Service Center.

To contact the technical assistance, visit our website: <https://corporate.haier-europe.com/en/>
Under the section "website", choose the brand of your product and your country. You will be redirected to the specific website where you can find the telephone number and form to contact the technical assistance

For further information about the product, please consult <https://eprel.ec.europa.eu/> or scan the QR on the energy label supplied with the appliance