



HEINNER HF-HM90E Built in Refrigerator Instruction Manual

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HEINNER HF-HM90E Built in Refrigerator Instruction Manual



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INTRODUCTION

Please read the instructions carefully and keep the manual for future information.

This manual is designed to give all necessary instructions concerning installation, use and maintenance of the unit. In order to operate the unit correctly and safely, please read this instruction manual carefully before installation and use.

CONTENT OF YOUR PACKAGE

- Refrigerator
- User manual
- Certificate of warranty

SAFETY INFORMATION

In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.

For the safety of life and property keep the precautions of these user's instructions as the manufacturer is not responsible for damages caused by omission.

Children and vulnerable people safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children unless they are aged from 8 years and above and supervised.
- Keep all packaging well away from children. There is risk of suffocation.
- If you are discarding the appliance pull the plug out of the socket, cut the connection cable (as close to the appliance as you can) and remove the door to prevent playing children to suffer electric shock or to close themselves into it.
- If this appliance featuring magnetic door seals is to replace an older appliance having a spring lock (latch) on

the door or lid, be sure to make that spring lock unusable before you discard the old appliance. This will prevent it from becoming a death trap for a child.

- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances (this clause applies only to the EU region).

General safety

Warning! Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

Warning! Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

Warning! Do not damage the refrigerant circuit.

Warning! Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacturer.

Warning! Do not touch the light bulb if it has been on for a long period of time because it could be very hot.

Warning! When positioning the appliance, ensure the supply cord is not trapped or damaged.

Warning! Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.
- During transportation and installation of the appliance, be certain that none of the components of the refrigerant circuit become damaged.
 - avoid open flames and sources of ignition
 - thoroughly ventilate the room in which the appliance is situated
- It is dangerous to alter the specifications or modify this product in any way. Any damage to the cord may cause a short circuit, fire and/or electric shock.
- This appliance is intended to be used in household and similar applications 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.

Warning! Any electrical components (plug, power cord, compressor and etc.) must be replaced by a certified service agent or qualified service personnel.

Warning! The light bulb supplied with this appliance is a "special use lamp bulb" usable only with the appliance supplied. This "special use lamp" is not usable for domestic lighting. (if there is a light in the compartment)

- Power cord must not be lengthened.
- Make sure that the power plug is not squashed or damaged by the back of the appliance. A squashed or damaged power plug may overheat and cause a fire.
- Make sure that you can come to the mains plug of the appliance.
- Do not pull the mains cable.
- If the power plug socket is loose, do not insert the power plug. There is a risk of electric shock or fire.
- You must not operate the appliance without the lamp.
- This appliance is heavy. Care should be taken when moving it.
- Do not remove nor touch items from the freezer compartment if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.

- Avoid prolonged exposure of the appliance to direct sunlight.



Warning! Risk of fire

If the refrigerant circuit should be damaged:

- Avoid opening flames and sources of ignition.
- Thoroughly ventilate the room in which the appliance is situated.



Warning! During using, service and disposal the appliance, please pay attention to symbol similar as left side, which is located on rear of appliance (rear panel or compressor) and with yellow or orange color. It's risk of fire warning symbol. There are flammable materials in refrigerant pipes and compressor. Please be far away fire source during using, service and disposal.

Daily use

- Do not put hot on the plastic parts in the appliance.
- Do not place food products directly against the rear wall.
- Frozen food must not be re-frozen once it has been thawed out.
- Store pre-packed frozen food in accordance with the frozen food manufacturer's instructions.
- Appliances manufactures storage recommendations should be strictly adhered to. Refer to relevant instructions.
- Do not place carbonated or fizzy drinks in the freezer compartment as it creates pressure on the container, which may cause it to explode, resulting in damage to the appliance.
- Ice lollies can cause frost burns if consumed straight from the appliance.

Care and cleaning

- Before maintenance, switch off the appliance and disconnect the mains plug from the mains socket.
- Do not clean the appliance with metal objects.
- Do not use sharp objects to remove frost from the appliance. Use a plastic scraper.1)
- Regularly examine the drain in the refrigerator for defrosted water. If necessary, clean the drain. If the drain is blocked, water will collect in the bottom of the appliance.2)

1. If there is a freezer compartment
2. If there is a fresh-food storage compartment

Installation

Important! For electrical connection carefully follow the instructions given in specific paragraphs.

- Unpack the appliance and check if there are damages on it. Do not connect the appliance if it is damaged. Report possible damages immediately to the place you bought it. In that case retain packing.
- It is advisable to wait at least four hours before connecting the appliance to allow the oil to flow back in the compressor.

- Adequate air circulation should be around the appliance, lacking this leads to overheating. To achieve sufficient ventilation, follow the instructions relevant to installation.
- Wherever possible the spacers of the product should be against a wall to avoid touching or catching warm parts (compressor, condenser) to prevent possible burn.
- The appliance must not be located close to radiators or cookers.
- Make sure that the mains plug is accessible after the installation of the appliance

Service

- Any electrical work required to do the servicing of the appliance should be carried out by a qualified electrician or competent person.
- This product must be serviced by an authorized Service Center, and only genuine spare parts must be used.

Energy saving

- Don't put hot food in the appliance.
- Don't pack food close together as this prevents air circulating.
- Make sure food do not touch the back of the compartment(s).
- If electricity goes off, do not open the door(s).
- Don't open the door(s) frequently.
- Don't keep the door(s) open for too long time.
- Don't set the thermostat on exceeding cold temperatures.
- All accessories, such as drawers, shelves, door balconies should be kept in original place for lower energy consumption.

Environment protection & packing materials

This appliance does not contain gasses which could damage the ozone layer, in either its refrigerant circuit or insulation materials. The appliance shall not be discarded together with the urban refuse and rubbish. The insulation foam contains flammable gases: the appliance shall be disposed according to the appliance regulations to obtain from your local authorities. Avoid damaging the cooling unit, especially the heat exchanger.

The materials used on this appliance marked by the symbol  are recyclable.

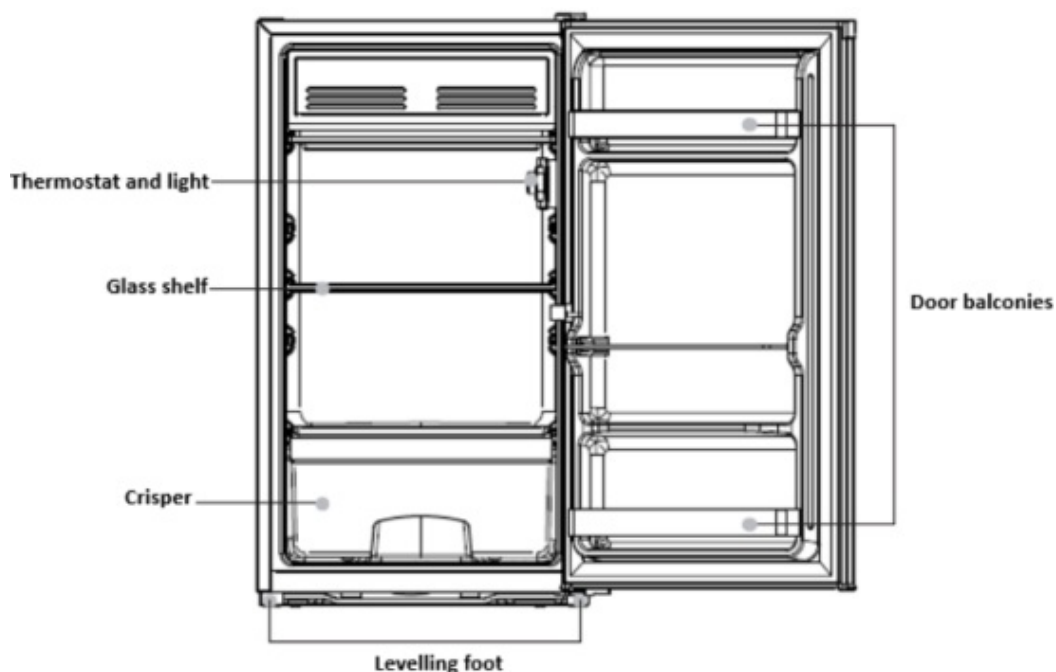
The materials with the symbol are recyclable.

Dispose the packaging in a suitable collection containers to recycle it.

Disposal of the appliance

- Disconnect the mains plug from the mains socket.
- Cut off the mains cable and discard it.

PRODUCT DESCRIPTION



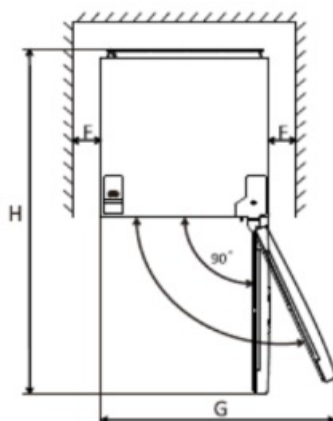
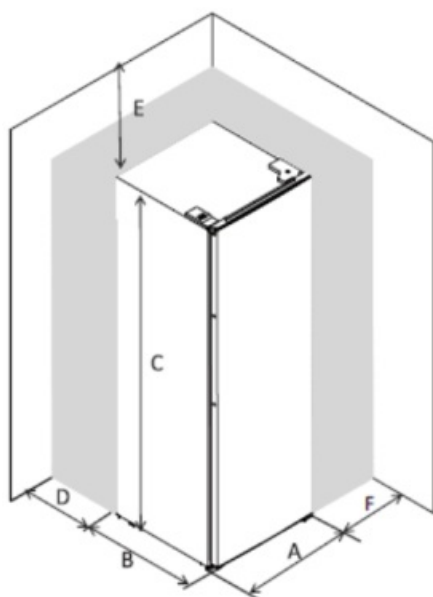
To get the best energy efficiency of this product, please place all shelves, drawers on their original position as the illustration.

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

INSTALLATION

Space requirement

- Select a location without direct exposure to sunlight.
- Select a location with enough space for the refrigerator doors to open easily.
- Select a location with level (or nearly level) flooring.
- Allow sufficient space to install the refrigerator on a flat surface.
- Allow clearance to the right, left, back and top when installing. This will help reduce power consumption and keep your energy bills lower.
- Keep at least 50 mm gap at two sides and back.



A	480
B	450
C	850
D	min=50
E	min=50
F	min=50
G	960
H	930

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 temperate:** 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.

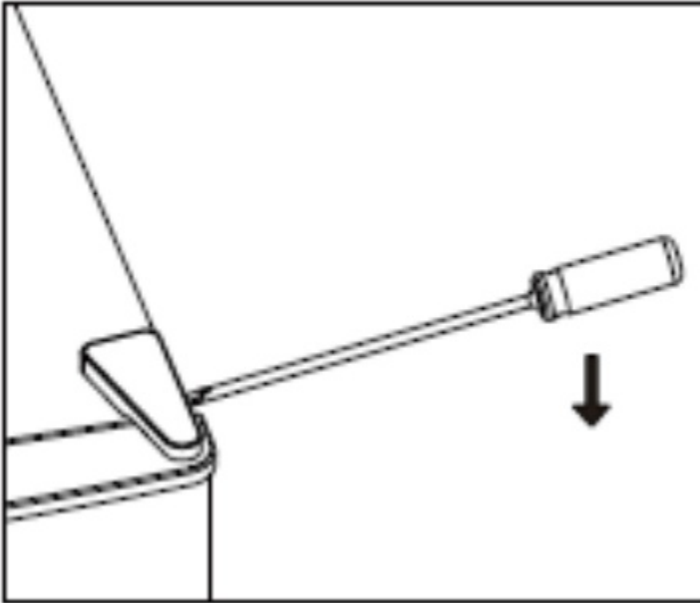
The manufacturer declines all responsibility if the above safety precautions are not observed. This appliance complies with the E.E.C. Directives.

Door reversibility

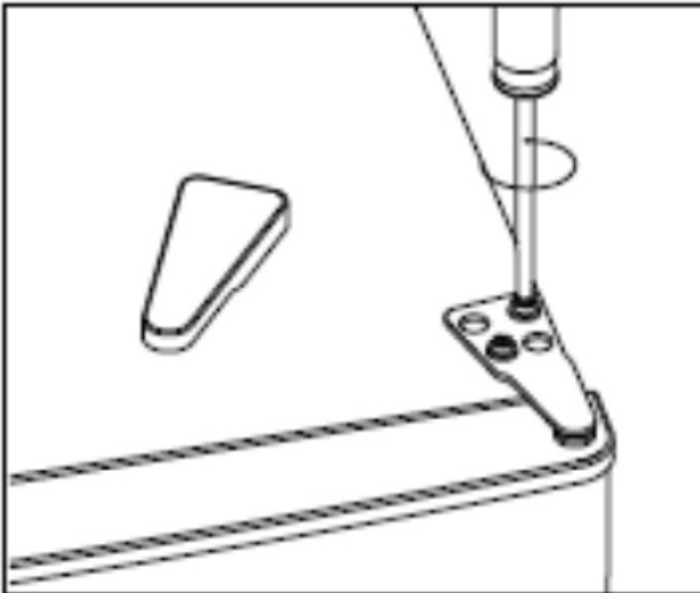
Tool required: Philips screwdriver, Flat bladed screwdriver, hexagonal spanner.

- 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.

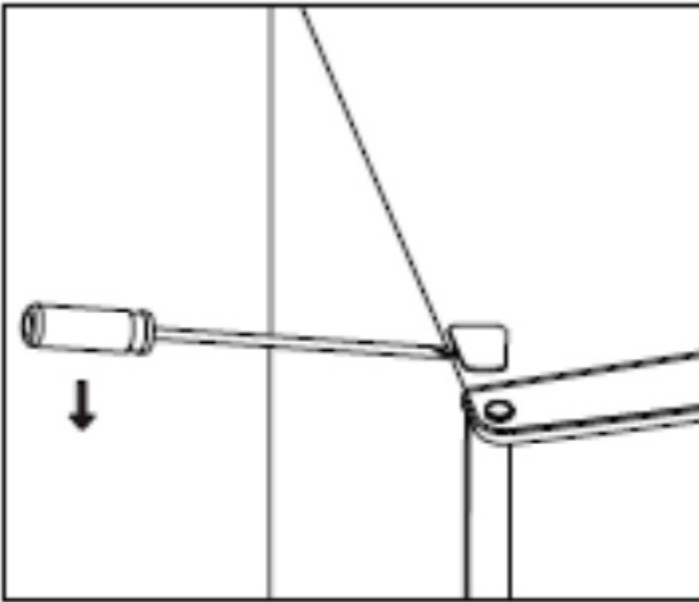
1. Remove the top right hinge cover



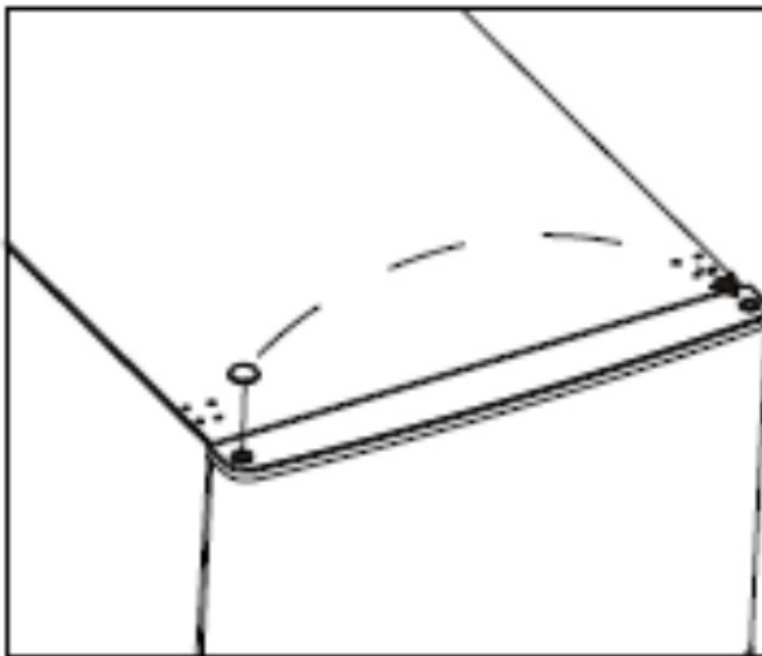
2. Undo the screws. Then remove the hinge bracket.



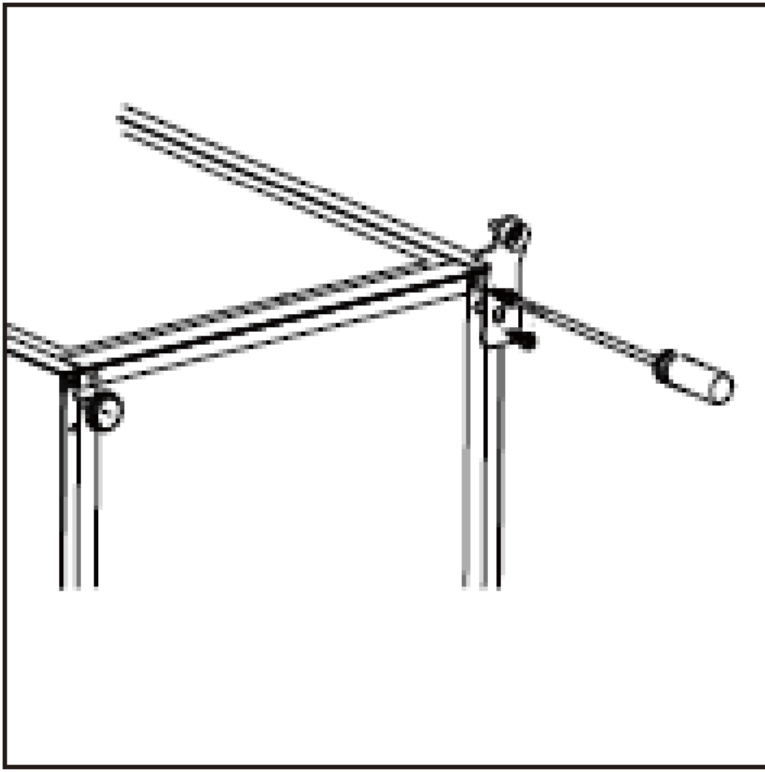
3. Remove the top left screw cover.



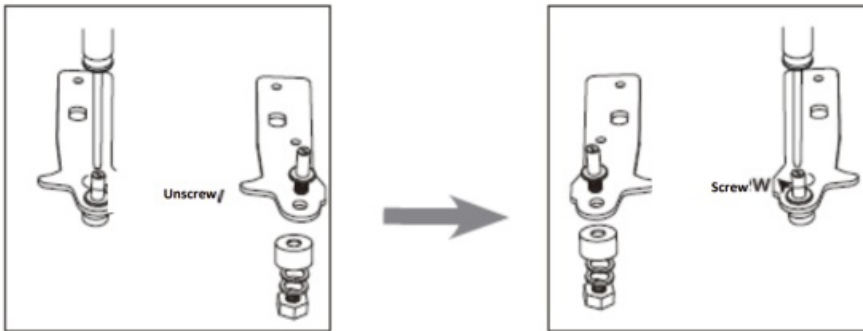
4. Move the core cover from left side to right side. And then lift the upper door and place it on a padded surface to prevent it from scratching.



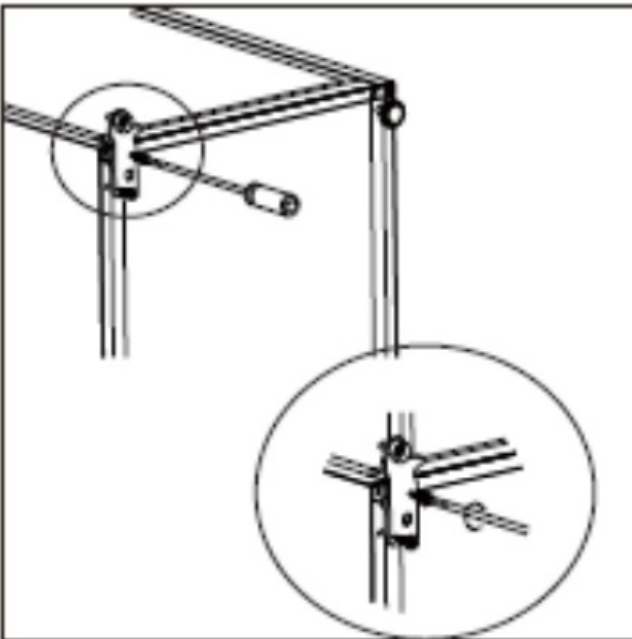
5. Unscrew bottom hinge. Then remove the adjustable feet from another side.



6. Unscrew and remove the bottom hinge pin with flat screw drivers, turn the bracket over and replace the pin.

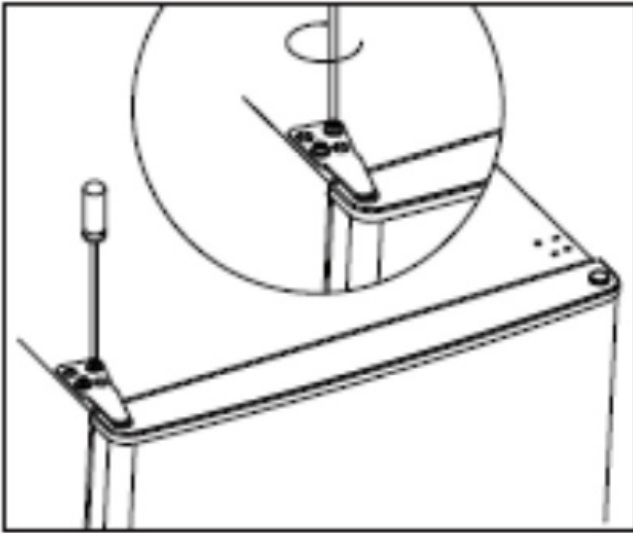


7. Refit the bracket fitting the bottom hinge pin. Replace the adjustable foot.

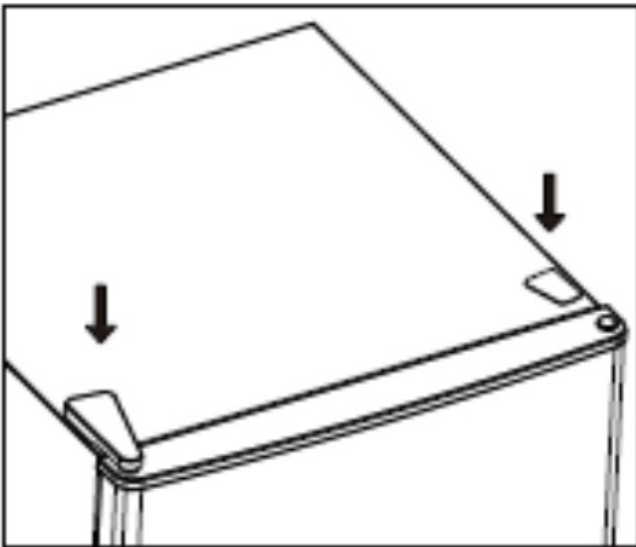


8. Place the door back on. Ensure the door is aligned horizontally and vertically so that the seals are closed on all sides before finally tightening the top hinge.

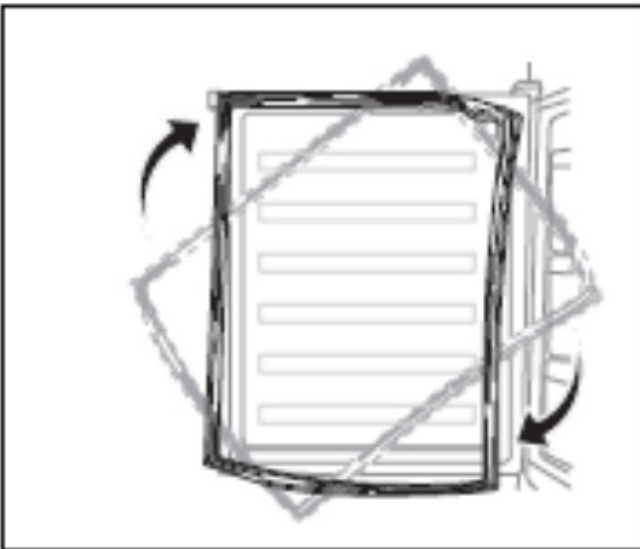
9. Insert the hinge bracket and screw it to the top of the unit.



10. Use a spanner to tighten it if necessary.
11. Put the hinge cover and the screw cover back.

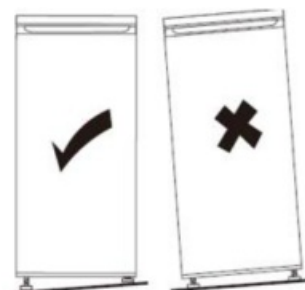
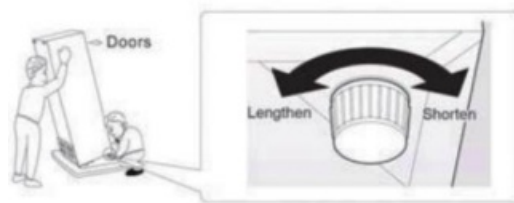


12. Detach the Fridge and the Freezer door gaskets and then attach them after rotating.



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.

CONTROL PANEL

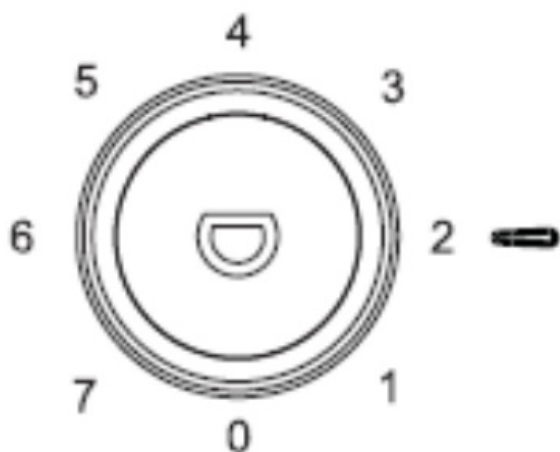
Cleaning the interior

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

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

Temperature setting

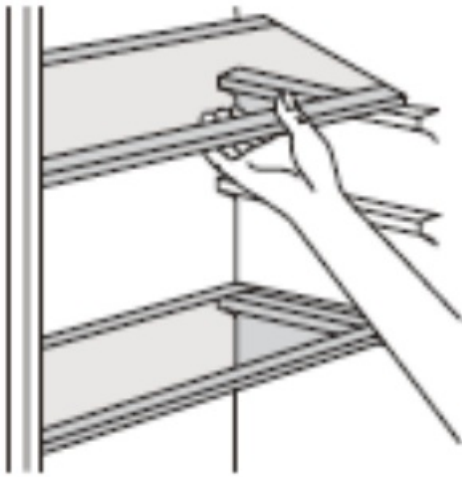
- Plug on your appliance. The internal temperature is controlled by a thermostat. There are 8 settings. 1 is warmest setting and 7 is coldest setting and 0 is to turn off the appliance.
- The appliance may not operate at the correct temperature if it is in a particularly hot or if you open the door often.



DAILY USE

Movable shelf

The shelf can be moved to suitable positions.



Positioning the door balconies

To store food or beverage with different size, the door balconies can be placed at different height. Follow below process to adjust the shelves.

Step 1: Pull the balcony to be free.

Step 2: Select suitable position and press the balcony to two convex plates until it is totally blocked.

Vegetable drawer

The drawer is suitable for storing fruit and vegetables. It can be pull out freely.

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 favor.
- Position food so that air can circulate freely around it.

Hints for refrigeration

Useful hints:

- **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.

To avoid contamination of food, please respect the following instructions:

- 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.
- 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 are suitable for storing pre-frozen food, storing or making ice cream and making ice cubes.
- One-, two- and three-star compartments are not suitable for the freezing of fresh food.

Note: Please store different foods according to the compartments or target storage temperature of your purchased products.

- 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.

Order	Compartments TYPE	Target storage temp. [°C]	Appropriate food
1	Fridge	+2≤+6	Eggs, cooked food, packaged food, fruits and vegetables, dairy products, cakes, drinks and other foods are not suitable for freezing.
2	(**)-Freezer	≤-18	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 3 months, the longer the storage time, the worse the taste and nutrition), suitable for frozen fresh food.
3	***-Freezer	≤-18	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 3 months, the longer the storage time, the worse the taste and nutrition), are not suitable for frozen fresh food.
4	**--Freezer	≤-12	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 2 months, the longer the storage time, the worse the taste and nutrition), are not suitable for frozen fresh food.
5	*--Freezer	≤-6	Seafood (fish, shrimp, shellfish), freshwater aquatic products and meat products (recommended for 1 months, the longer the storage time, the worse the taste and nutrition), are not suitable for frozen fresh food.
6	0-star	-6≤0	Fresh pork, beef, fish, chicken, some packaged processed foods, etc. (Recommended to eat within the same day, preferably no more than 3 days). Partially encapsulated processed foods (non-freezable foods)
7	Chill	-2≤+3	Fresh/frozen pork, beef, chicken, freshwater aquatic products, etc. (7 days below 0 °C and above 0 °C is recommended for consumption within that day, preferably no more than 2 days). Seafood (less than 0 for 15 days, it is not recommended to store above 0 °C).
8	Fresh Food	0≤+4	Fresh pork, beef, fish, chicken, cooked food, etc. (Recommended to eat within the same day, preferably no more than 3 days).
9	Wine	+5≤+20	Red wine, white wine, sparkling wine, etc.

CLEANING & DEFROSTING

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 off the appliance 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 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.
- Accumulation of dust at the condenser increases energy consumption. For this reason, carefully clean the condenser at the back of the appliance once a year with a brush or a vacuum cleaner.
- After everything is dry place appliance back into service.

Defrosting

The evaporator, 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 evaporator, complete defrosting should be carried out as follows:

- Pull out the plug from the socket.
- Remove all store 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 tun the appliance again.

TROUBLESHOOTING

Replacing the lamp

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



Caution! Before troubleshooting, disconnect the power supply. Only a qualified electrician or 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.

If the malfunction shows again, contact the Service Center.

CUSTOMER CARE AND SERVICE

Always use original spare parts.

When contacting our Authorised Service Centre, ensure that you have the following data available: Model and Serial Number.

The information can be found on the rating plate. Subject to change without notice.

TECHNICAL DATA

The technical information is situated in the rating plate on the internal side of the appliance and on the energy label.

The QR code on the energy label supplied with the appliance provides a web link to the information related to the performance of the appliance in the EU EPREL database.

Keep the energy label for reference together with the user manual and all other documents provided with this appliance.

It is also possible to find the same information in EPREL using the link <https://eprel.ec.europa.eu> and the model name and product number that you find on the rating plate of the appliance.

To access information about your product in the EPREL portal, you can scan the codes below:

HF-HM90E+



HF-HM90SE++



Thank you for purchasing this product. If you need support with your product, visit our website using the links below.

Get User manuals: <https://www.heinner.ro>

Get Service information: <https://www.heinner.ro>



Environment friendly disposal

You can help protect the environment!

Please remember to respect the local regulations: hand in the non-working electrical equipment's to an appropriate waste disposal center.



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www.heinner.com, <http://www.nod.ro>



This product is in conformity with norms and standards of European Community




Importer: **Network One Distribution**

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Tel: +40 21 211 18 56, www.heinner.com , www.nod.ro

- Refrigerator
- Total capacity: 90 L
- Energy class: E

Documents / Resources

	<p>HEINNER HF-HM90E Built in Refrigerator [pdf] Instruction Manual HF-HM90E, HF-HM90SE, HF-HM90E Built in Refrigerator, HF-HM90E, Built in Refrigerator, Refrigerator</p>
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References

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