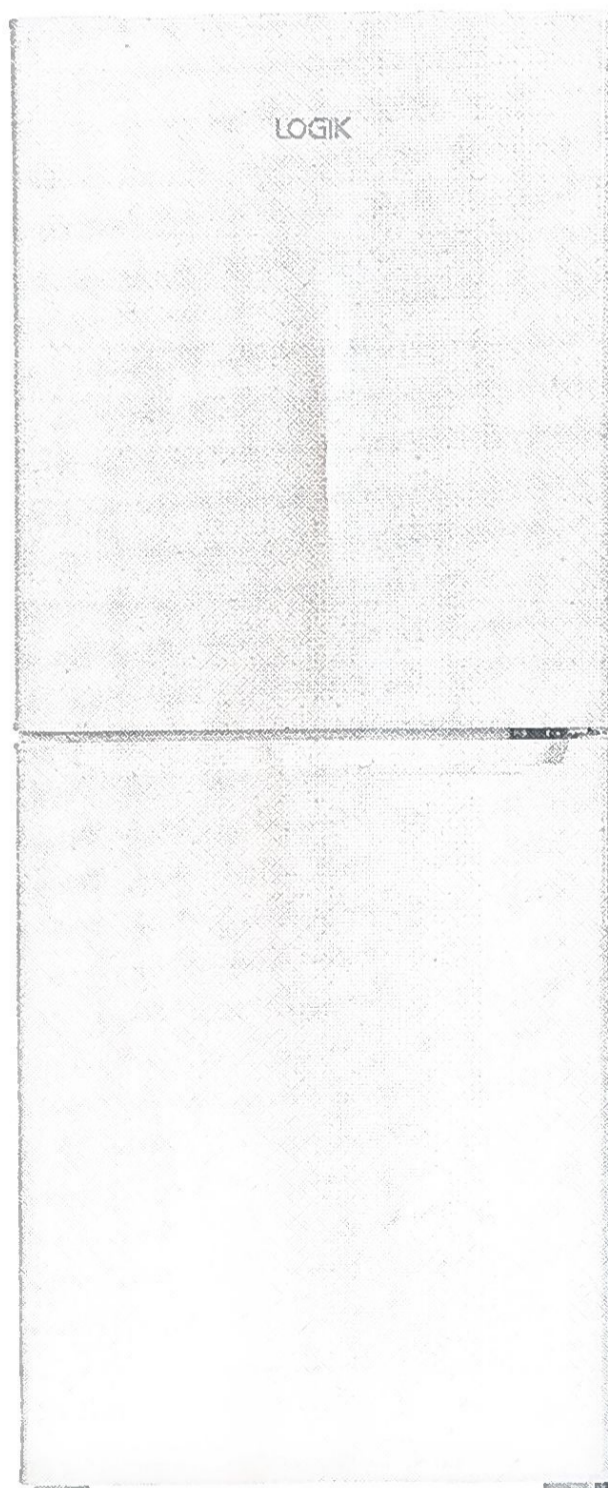


LOGIK

Fridge Freezer

Installation / Instruction Manual

LE55CW23



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Thank you for purchasing your new product.

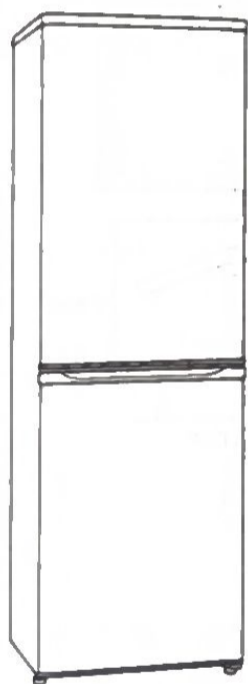
We recommend that you spend some time reading this instruction manual in order that you fully understand all the operational features it offers. You will also find some hints and tips to help you resolve any issues.

Read all the safety instructions carefully before use and keep this instruction manual for future reference.

Unpacking

Remove all items from the packaging. Retain the packaging. If you dispose of it please do so according to local regulations.

The following items are included:



Main Unit



Fridge Glass Shelf x 3



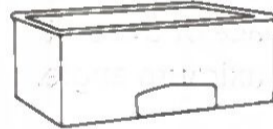
Small Fridge Door Shelf x 1



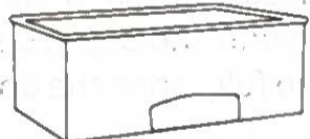
Large Fridge Door Shelf



Salad Bin



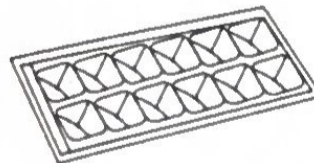
Small Freezer Drawer x 2



Large Freezer Drawer



Egg Tray



Ice Tray



Safety & Instruction Manual



Spare parts for your appliance are available for a minimum of 7-10 years. If items are missing or damaged, please contact Partmaster (UK only).

Tel: 0344 800 3456 for assistance.

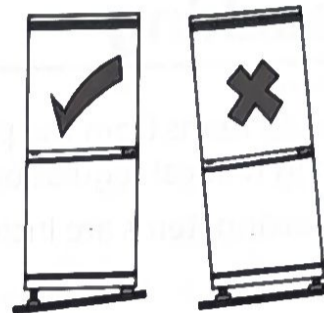
INSTALLATION

Location

When selecting a position for your unit you should make sure the floor is flat and firm, and the room is well ventilated with an average room temperature of between 16°C and 32°C. Avoid locating your unit near a heat source, e.g. cooker, boiler or radiator. Also avoid direct sunlight as it may increase the electrical consumption. Extreme cold ambient temperatures may also cause the unit not to perform properly. This unit is not designed for use in a garage or outdoor installation. Do not drape the unit with any covering. This refrigerating appliance is not intended to be used as a built-in appliance.

Levelling the Unit

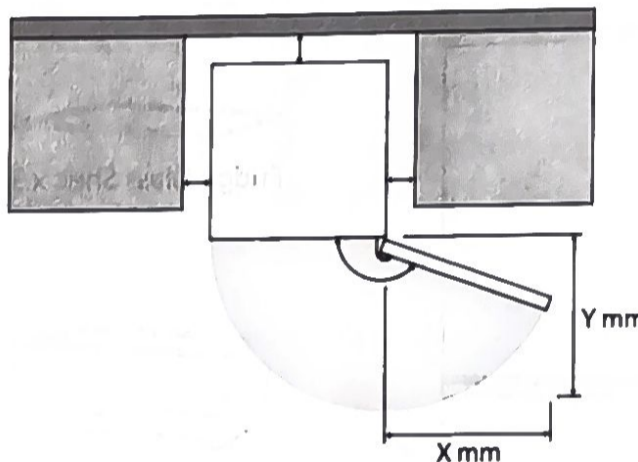
To do this adjust the two levelling feet at the front of the unit. If the unit is not level, the doors and magnetic seal alignments will not be covered properly.



Free Space Requirements

When installing the unit, ensure that 25 mm of free space is left at both sides, 50 mm at the rear of the unit and 25 mm at the top of the unit. The door can be opened to the right or the left, depending on which best suits the location.

Please ensure there is more than twice the width and depth distance space of the unit to fully open the door to a maximum angle.



INSTALLATION

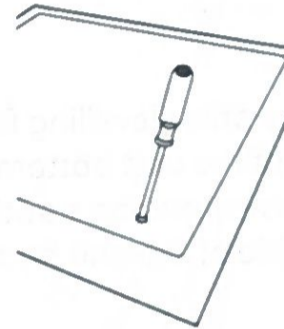
Reversing the Door Swing

Tools required: Philips style screwdriver / Flat bladed screwdriver / Hexagonal spanner

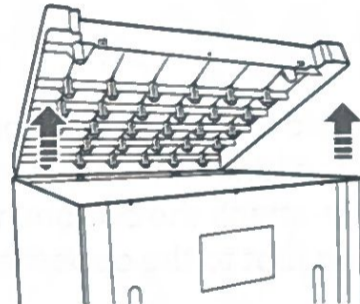


- Ensure the unit is unplugged and empty.
- To take the door off it is necessary to tilt the unit backwards. You should rest the unit on something solid, e.g. a chair just below the top panel.
- All parts removed must be saved to do the reinstallation of the door.
- Do not lay the unit flat as this may damage the coolant system.
- We recommend that 2 people handle the unit during assembly.
- If you want to have the door swing reversed, we recommend that you contact a qualified technician. You should only try to reverse the door yourself if you believe that you are qualified to do so.

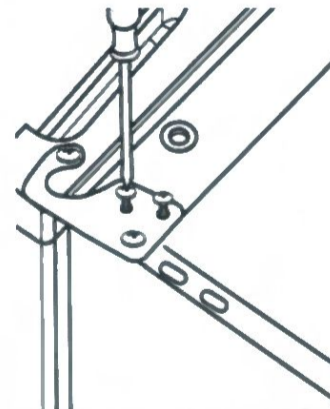
1. Remove the 4 screws from top cover.



2. Lift the top cover away from the fridge.

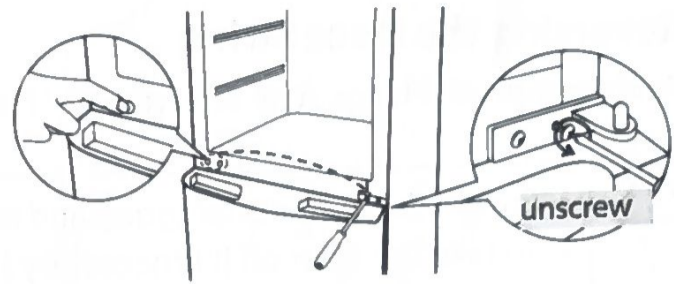


3. Remove the three screws, then remove the upper hinge that holds the door in place. Lift the upper door and place it on a padded surface to prevent it from scratching.

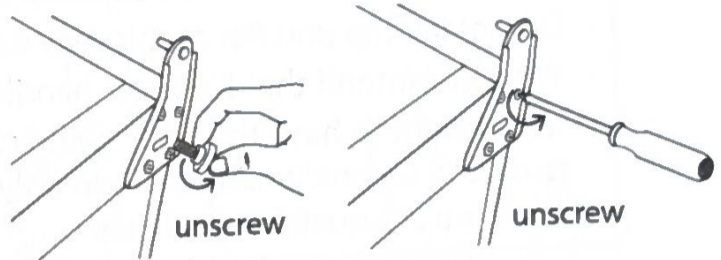


INSTALLATION

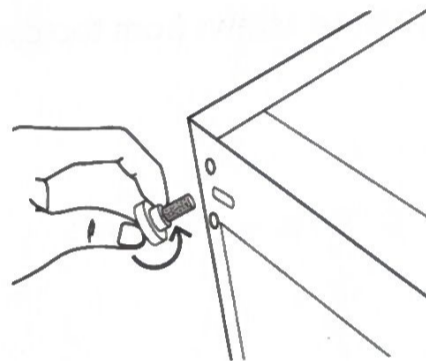
4. Take off the middle hinge by removing the screws. Lift the lower door and place it on a padded surface to prevent it from scratching.



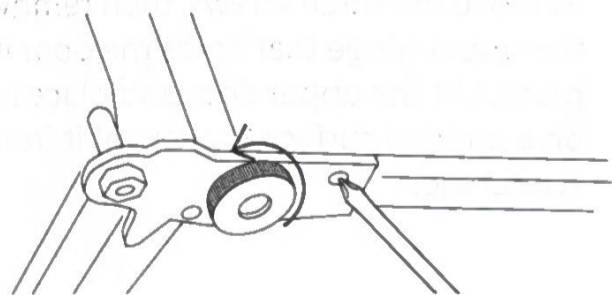
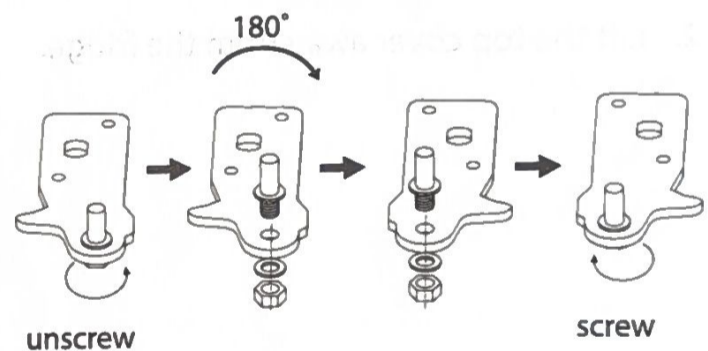
5. Remove the lower screws, bottom hinge and levelling foot from the unit bottom. Keep the hinge and foot together.



6. Remove the other levelling foot from the other side of the unit bottom and transfer it to the corresponding position on the opposite side of the unit bottom.



7. Unscrew and remove the bottom hinge pin, turn the hinge over and screw back the pin. Re-attach the bottom hinge, screws and foot to the opposite side of the unit.



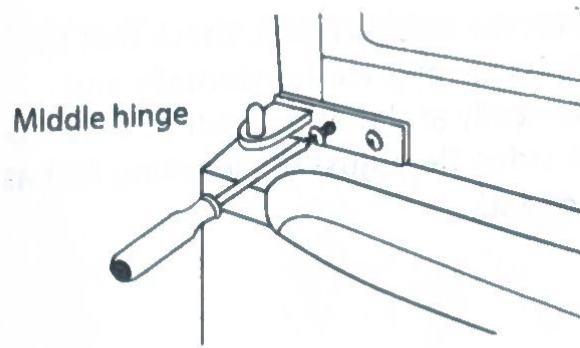
- Do not lay the unit flat as this may damage the coolant system.
- During door reversal, when swapping the position of the bottom hinge or adjusting the levelling feet, tilt the unit. Do not lay the unit flat.

INSTALLATION

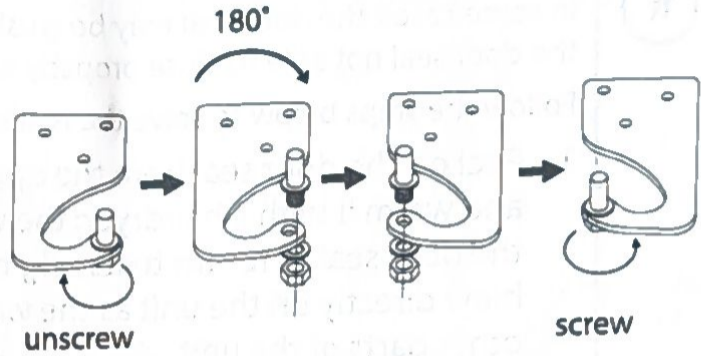
8. After replacing the lower door, screw the middle hinge back onto the opposite side of the unit.



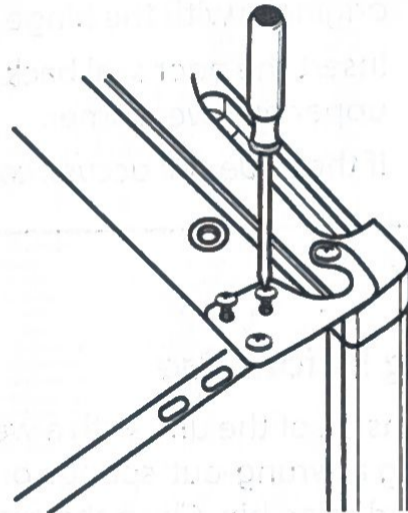
Ensure the lower door is aligned horizontally and vertically, so that the seals are closed on all sides before finally tightening the hinge.



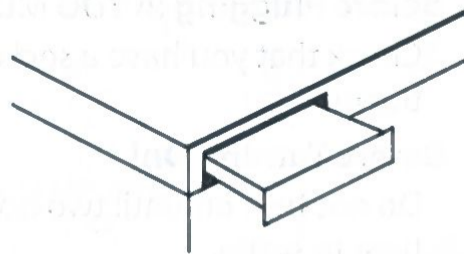
9. Remove the pin from the upper hinge and flip the hinge. Then re-attach the pin to the hinge.



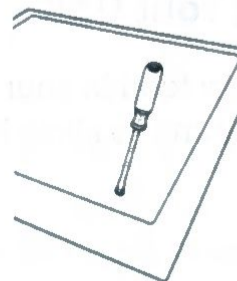
10. Carefully set the upper door back into place. Re-attach the re-assembled upper hinge on the opposite side of the unit. Ensure the upper door is aligned horizontally and vertically so that the seals are closed on all sides before finally tightening the upper hinge.



11. On the top panel move the blanking plate to the side opposite the hinge.



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



INSTALLATION

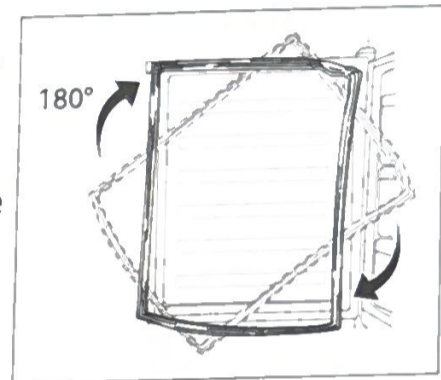
13. With the doors closed, check that the doors are aligned horizontally and vertically and that the seals are closed on all sides. Re-adjust the levelling feet as needed.



In some cases, the door seal may be crushed after prolonged storing pressure, resulting to the door seal not able to close properly when reversed.

Follow the steps below to solve the issue:

1. Peel off the door seal from the upper or lower corner and warm it with a hairdryer; the warmth can allow the door seal to return to its original form. Do not blow directly on the unit as the warmth may damage other parts of the unit.
2. Rotate the door seal upside down so that the side originally with the hinge stay with the hinge.
3. Insert the door seal back into the door from the upper or lower corner.
4. If the issue still occurs, contact your local service centre for assistance.



Cleaning Before Use

Wipe the inside of the unit with a weak solution of bicarbonate soda. Then rinse with warm water using a 'wrung-out' sponge or cloth. Wipe completely dry before replacing the shelves, drawers and salad bin. Clean the exterior of the unit with a damp cloth.

If you require more information refer to the **Cleaning** section.



• Before Plugging in YOU MUST

Check that you have a socket which is compatible with the plug supplied with the unit.

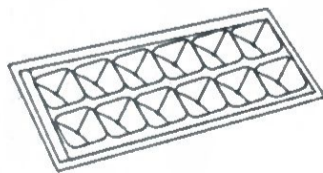
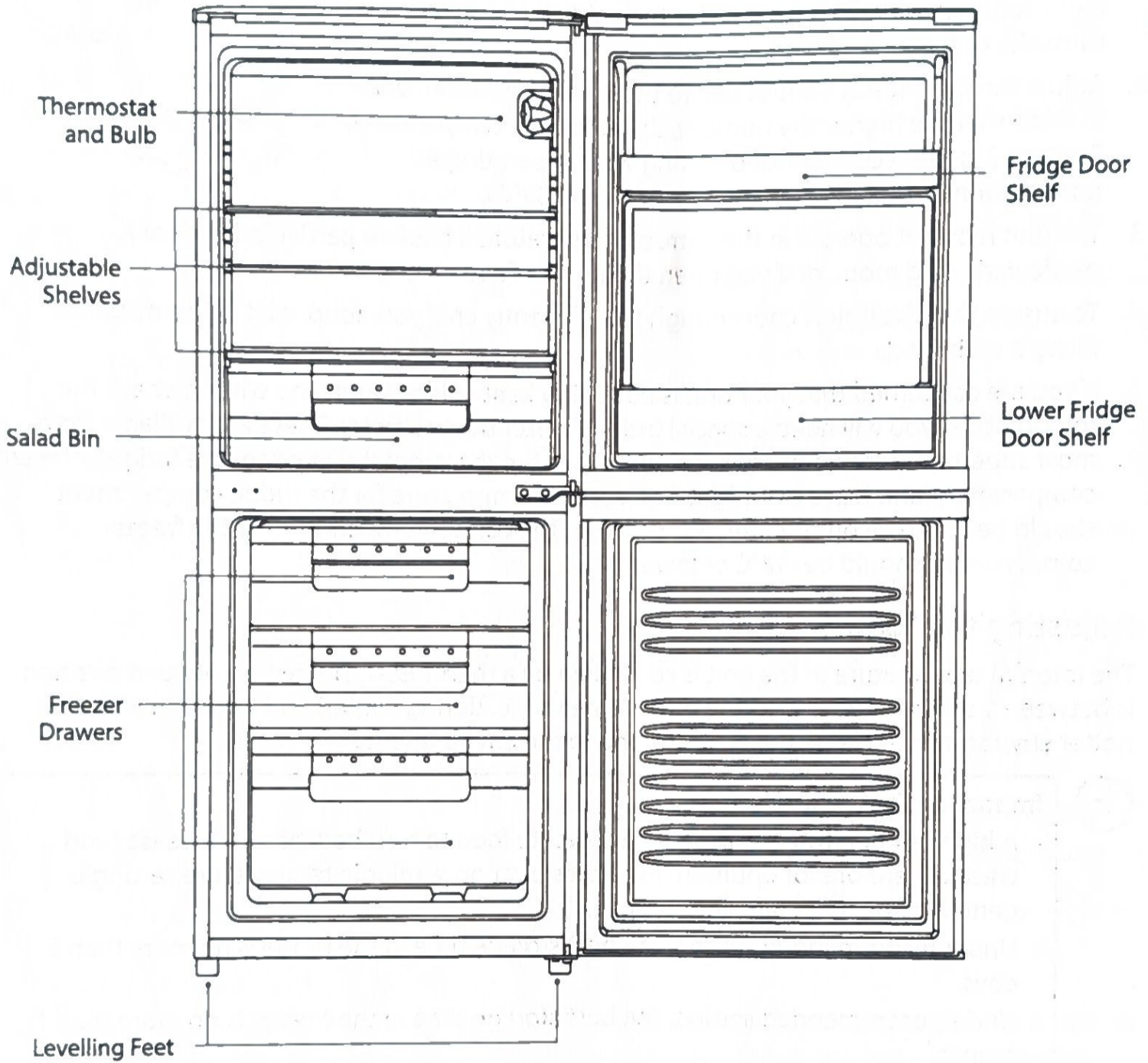
• Before Turning On!

Do not turn on until two hours after moving the unit. The coolant fluid needs time to settle.

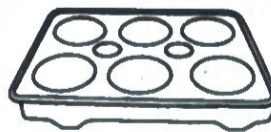
Before Using Your Unit

Before placing any food in your unit, turn it on and wait for 24 hours, to make sure it is working properly and to allow it time to fall to the correct temperature. Your unit should not be overfilled.

Product Overview



Ice Tray



Egg Tray

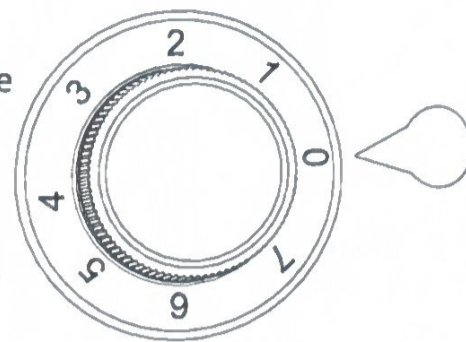


All accessories such as drawers, shelves and balconies should be kept like the diagram here for the most efficient use of energy.

Operation

Switching On Your Unit

1. Connect the mains cable to the mains socket. The internal temperature of your unit is controlled by a thermostat. There are eight settings, of which position **7** is the coldest and position **0** turns the unit off.
2. Adjust the thermostat control dial to the desired position, bear in mind that the higher the number, the lower the temperature. Position **3** is the recommended setting when operating at normal room temperature (between 16°C and 32°C).
3. The unit may not operate at the correct temperature if it is in a particularly hot or a particularly cold room, or if you open the doors often.
4. To ensure that the unit is cool enough to sufficiently chill your food, wait 24 hours before filling it with food.
5. If you are concerned that your unit is not being kept cold enough and wish to check the temperature, you will need a special fridge/freezer thermometer. These are available from most supermarkets and hardware shops. Place the thermometer in either the fridge or freezer compartment and leave overnight. The correct temperature for the fridge compartment should be at the recommended 5°C or lower. The correct temperature for the freezer compartment should be -18°C or lower.



Adjusting the Temperature

The internal temperature of the unit is controlled by a thermostat. The recommended position is between **1** to **4** for colder working environments (i.e. during winter) and between **5** to **7** for hotter environments. Please adjust according to the environment.



Impact on food storage

- A high temperature setting may accelerate food to turn bad, hence increase food waste. Therefore for optimum food preservation, a middle temperature setting is generally the most safe and suitable.
- Under recommended setting, the best storage time in the fridge is no more than 3 days.
- Under recommended setting, the best storage time in the freezer is no more than 1 month.
- The best storage time may reduce under other settings.

Noises Inside the Unit!

You may notice that your unit makes some unusual noises. Most of these are perfectly normal, but you should be aware of them!

These noises are caused by the circulation of the refrigerant liquid in the cooling system. It has become more pronounced since the introduction of CFC free gases. This is not a fault and will not affect the performance of your unit. This is the compressor motor working, as it pumps the refrigerant around the system.

Tips for Keeping Food in the Unit

- Cooked meats/fishes should always be stored on a shelf above raw meats/fishes to avoid bacterial transfer. Keep raw meats/fishes in a container which is large enough to collect juices and cover it properly. Place the container on the lowest shelf at the bottom of the fridge compartment.
- Leave space around your food, to allow air to circulate inside the compartments. Ensure all parts of the unit are kept cool.
- To prevent transfer of flavours and drying out, pack or cover the food separately. Fruit and vegetables do not need to be wrapped.
- Always let pre-cooked food cool down before you put in the unit. This will help to maintain the internal temperature of the unit.
- To prevent cold air escaping from the unit, try to limit the number of times you open the doors. We recommend that you only open the doors when you need to put food in or take food out.

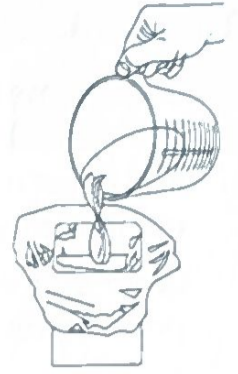
Compartment (if applicable)	Type of food
Fridge door shelf	<ul style="list-style-type: none"> • Foods with natural preservatives, such as jams, juice, drinks, condiments • Do not store perishable foods
Salad bin	<ul style="list-style-type: none"> • Fruits, herbs and vegetables should be placed separately in the salad bin • Do not store bananas, onions, potatoes, garlic in the refrigerator
Fridge glass shelf - middle	Dairy products, eggs
Fridge glass shelf - top	Foods that do not need cooking, such as ready-to-eat foods, deli meats, leftovers
Freezer drawer / shelf	<ul style="list-style-type: none"> • Foods for long-term storage • Bottom drawer/shelf for raw meat, poultry, fish • Middle drawer/shelf for frozen vegetables, chips • Top drawer/shelf for ice cream, frozen fruit, frozen baked goods

Preparations for Freezing

- Use quality food and handle it as little as possible. Freeze food in small quantities as it freezes faster, takes less time to defrost and enables you to control the quantity you need better.
- Leave cooked food to cool completely. Chill food before freezing if possible.
- Consider how you will want to cook the food before freezing it.
- Don't freeze food in metal containers if you may want to microwave it straight from the freezer.
- Use special freezer bags, freezer film, polythene bags, plastic containers, and aluminium foil (heavy duty grade only). If in doubt, double wrap your food. Don't use aluminium foil for acidic foods, e.g. citrus fruits. Don't use thin cling film, glass, or used food containers without cleaning.
- Exclude as much air from the container as possible. You could buy a special vacuum pump which sucks excessive air out of the packaging.
- Leave a small amount of air space when freezing liquids to allow expansion.
- You can use the space in the freezer most efficiently if you freeze liquids (or solids with

liquids, e.g. stew) in square blocks. This is known as "Preforming". Pour the liquid into a polythene bag which is inside a square sided container. Freeze it, and then remove it from the container and seal the bag.

- Label your frozen foods as they will look the same when in frozen state. Use special fridge freezer tapes, labels and pens with different colours. This allows you to easily organise and to effectively use the freezer. Write the contents and date; otherwise the frozen food might exceed the storage time and this could cause food poisoning. Please refer to your food packaging for the recommended storage time.
- You may also add the weight and cooking notes, e.g. "defrost first", "cook from frozen" and keep a separate log of what is in each drawer. This will save opening the door and searching around unnecessarily.



Defrosting Frozen Food

- Take the frozen food out from the freezer compartment and uncover the frozen food. Let it defrost at room temperature. Don't forget that defrosting in a warm area encourages the growth of bacteria and low temperature cooking may not destroy dangerous bacteria.
- Drain off and throw away any liquid lost during defrosting.
- Always make sure there are no ice-crystals in the food before cooking, particularly with meat. These crystals indicate that the food has not fully defrosted.
- Cook food as soon as possible after defrosting.
- Many microwaves and ovens have a defrost setting. To avoid bacterial build up, only use these if you intend to cook the food immediately afterwards.



Never re-freeze anything that has been defrosted unless you cook it again, to kill off harmful bacteria. Never re-freeze defrosted shellfish. Re-seal packs properly after removing items. This prevents drying or freezer-burn and a build up of frost on any remaining food.

Cleaning

Defrosting

We recommend that defrosting should be carried out when the frost layer builds up to 10mm (~0.39"). Choose a time when the stock of frozen food is low, follow these procedures:



Do not use a metal or sharp instrument to scrape away the frost, nor should you use any electrical appliances to aid defrosting.

1. Take out the food, turn the unit off at the mains supply and leave the door open. Ideally, the frozen food should be put into another freezer. If this is not possible, wrap the food in several sheets of newspaper or large towels and then a thick blanket to keep it cool.
2. Place a shallow bowl or pan below the freezer compartment. Scrape away the frost using a plastic scraper (not included). Defrosting the remaining frost can be speeded up by placing a bowl of hot water inside the freezer compartment cabinet and closing the door. As the solid frost loosens, scrape it away with the plastic scraper and remove.
3. When defrosting is complete, clean your unit's interior and exterior.

Cleaning the Interior and the Exterior of the Unit

- Remove all foods from the unit. For foods from the freezer, place them well-covered in other cool storage containers.
- Switch off and unplug the unit.
- Remove all the shelves, drawers and other accessories. Wash them then wipe dry.
- Wipe the inside of the unit with a weak solution of bicarbonate soda and then rinse with warm water using a 'wrung-out' sponge or cloth. Wipe completely dry before replacing the shelves, drawers and salad bin.
- Use a damp cloth to clean the exterior, and then wipe with a standard furniture polish. Make sure that the doors are closed to avoid the polish getting on the magnetic door seals or inside the fridge/freezer compartments.
- The grille of the condenser at the back of the unit and the adjacent components can be vacuumed using a soft brush attachment.
- Do not use any abrasive or acidic cleaners. Do not use steam cleaners.

Maintenance

Changing the Internal Light

The internal light cannot be changed by the user; please contact your service agent. Light source in this product is replaceable only by qualified engineers.

Care When Handling / Moving the Unit

Hold the unit around its sides or base when moving it.
Under no circumstances should it be lifted by holding the edges of the top surface.

Servicing

The unit should be serviced by an authorised engineer and only genuine spare parts should be used. Under no circumstances should you attempt to repair the unit yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunction. Contact a qualified technician.

Minimum duration of the guarantee offered by the manufacturer, importer or authorised representative is 1 year.

Switching Off for Long Periods of Time

When the unit is not in use for a long period of time, disconnect it from the mains supply, empty all food and clean the unit, leaving the door ajar to prevent unpleasant smells.

Condensation

Condensation may appear on the outside of the unit. This may be due to a change in room temperature. Wipe off any moisture residue. If the problem continues, please contact a qualified technician for assistance.

Disposal

Old units still have some residual value. An environmentally friendly method of disposal will ensure that valuable raw materials can be recovered and used again. The refrigerant used in the unit and insulation materials require special disposal procedures. Ensure that none of the pipes on the back of the unit are damaged prior to disposal.

Up to date information concerning options of disposing of your old unit and packaging from the new one can be obtained from your local council office.

When disposing of an old unit break off any old locks or latches and remove the doors as a safeguard.

Specifications

Rated Voltage	220-240V~, 50 Hz
Rated Current	0.65 A
Rated Power	110 W
Climate Class	N This appliance is intended to be used at an ambient temperature between 16°C and 32°C to achieve the claimed Energy Consumption and Grading.
Overall Dimension (H x W x D)	1360 x 550 x 580 mm

Features and specifications are subject to change without prior notice.

This product contains a light source of energy efficiency class 'G'.

Model information in the product database:

<https://eprel.ec.europa.eu/qr/1544029>

SAFETY WARNINGS

REFRIGERATOR

For your continued safety and to reduce the risk of injury or electric shock, please follow all the safety precautions listed below.

- Read all instructions carefully before using the unit and keep them for future reference.
- Retain the manual. If you pass the unit onto a third party, make sure to include this manual.
- This appliance is intended for indoor household use and similar applications such as:
 - farm houses and by clients in hotels, motels and other residential type environment;
 - bed and breakfast type environment;
 - staff kitchen areas in shops, offices and other working environment;
 - catering and similar non-retail applications.
- Ensure that the plug is easily accessible to enable disconnection from the mains supply.
- If the mains cable is damaged, it must be replaced by the manufacturer, its service agent or a qualified technician in order to avoid a hazard.
- Choose a location for your unit away from heat sources such as radiators or fires as refrigerant and vesicant are burnable.
- The unit must be manoeuvred by a minimum of 2 persons.
- 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 shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.
- Children should be supervised to ensure that they do not play with the unit.
- If your unit is fitted with a lock to prevent children being trapped inside, keep the key out of reach and not in the vicinity of the unit.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

- Do not store bottles or glass containers in the freezer compartment. Contents can expand when frozen (fizzy drinks) which may break the bottle and damage your freezer compartment. (If applicable)
- To avoid contamination of food, pay attention to the following:
 - 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 48 hours; 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 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;
 - if the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry and leave the door open to prevent mould developing within the appliance.
- Do not place heavy or wet items on top of the appliance.

WARNING



IT IS HAZARDOUS FOR ANYONE OTHER THAN AUTHORISED SERVICE PERSONNEL TO CARRY OUT SERVICING OF REPAIRS WHICH INVOLVE THE REMOVAL OF COVERS.



TO AVOID THE RISK OF AN ELECTRICAL SHOCK DO NOT ATTEMPT REPAIRS YOURSELF.

The table below contains general guidelines on the storage of food in the refrigerator (wherever applicable).

Refrigerator location	Type of food
Fridge door	<ul style="list-style-type: none"> • Foods with natural preservatives, such as jams, juices, drinks, condiments. • Do not store perishable foods.
Crisper bin (salad bin)	<ul style="list-style-type: none"> • Fruits, herbs and vegetables should be placed separately in the crisper bin. • Do not store bananas, onions, potatoes, garlic in the refrigerator.
<ul style="list-style-type: none"> • Fridge shelf – bottom • Chiller bin 	Raw meat, poultry, fish (for short-term storage)
Fridge shelf – middle	Dairy products, eggs
Fridge shelf – top	Foods that do not need cooking, such as ready-to-eat foods, deli meats, leftovers.
Freezer drawer/shelf	<ul style="list-style-type: none"> • Foods for long-term storage. • Bottom drawer/shelf for raw meat, poultry, fish. • Middle drawer/shelf for frozen vegetables, chips. • Top drawer/shelf for ice cream, frozen fruit, frozen baked goods.

The table below contains general guidelines on the storage temperature in each compartment type (wherever applicable).

Compartment		Storage temperature (°C)
Unfrozen compartments	Pantry	17
	Fresh food	4
	Wine storage	12
	Cellar	12
Chill compartment	Chiller bin	2
Frozen compartments	0-star & ice-making	0
	1-star	-6
	2-star	-12
	3-star	-18
	freezer (4-star)	-18

- Properly storing foods in the fridge or freezer with the correct temperature settings can help prevent foods from spoiling easily and thus help prevent food waste. For example, for peeled or cut veggies, storing them in the fridge (fresh food area) for 2 to 3 days instead of leaving them out at room temperature can retain their freshness and keep them from going bad. Meats and seafoods can be stored in the freezer (-18°C) for months without going bad.



WARNING

- Keep ventilation openings in the unit enclosure or in the built-in structure clear of obstructions.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not use electrical appliances inside the food storage compartments of the unit, unless they are of the type recommended by the manufacturer.
- Do not damage the refrigerant circuit (The refrigerant is a very environmental-friendly gas but is also combustible. Take care when transporting or moving the unit to ensure that the refrigeration circuit is not damaged. In the event of damage avoid naked flames or ignition sources and ventilate the room in which the unit is placed for a few minutes.)
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Do not use a mains plug adapter, external timer or extension cable. It may overheat and cause a fire.
- Although every care has been taken to ensure this appliance has no burrs or sharp edges, we recommend that you wear protective gloves when unpacking, installing and moving this appliance. This will prevent any injury.



WARNING: Risk of fire/flammable materials

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