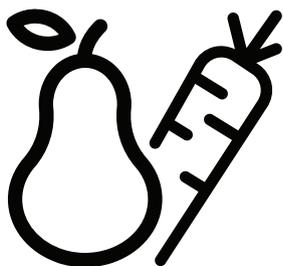


# beko

## Refrigerator

User manual



GNO5322XPN

GNO5323XPN

GNO5324XPN

GNO5322WN

EN/DE/PL/FR/NL/IT/HR/SL

CE



## INFORMATION



# ENERG



SUPPLIER'S NAME

MODEL IDENTIFIER → (\*)

A

A

The model information as stored in the product data base can be reached by entering following website and searching for your model identifier (\*) found on energy label.

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

## Safety information

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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 aged from 3 to 8 years are allowed to load and unload this appliance.
- 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 from suffering a electric shock or closing themselves in 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 dangerous for a child.

### **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.

## Safety information

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- ⚠ 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 manufacture.
- ⚠ WARNING!** Do not touch the light bulb if it has been on for a long period of time because it could be very hot.<sup>1)</sup>
- ⚠ 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 (R-600a) 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 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.
- ⚠ 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.<sup>1)</sup>

<sup>1)</sup> If there is a light in the compartment.

## Safety information

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- 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 the mains plug of the appliance is accessible.
- 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 you hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Avoid prolonged exposure of the appliance to direct sunlight.

### Daily use

- Do not put hot objects 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.<sup>1)</sup>
- Store pre-packed frozen food in accordance with the frozen food manufacturer's instructions<sup>1)</sup>
- Manufacturer's 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.<sup>1)</sup>
- Ice lollies can cause frost burns if consumed straight from the appliance.<sup>1)</sup>

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.
- 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 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.

1) If there is a freezer compartment.

2) If there is a fresh-food storage compartment.

## Safety information

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- One-, two- and three -star compartments (if they are presented 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.

### 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.<sup>1)</sup>
- 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.<sup>2)</sup>

### 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 don't touch the back of the compartment(s);

1) If there is a freezer compartment.

2) If there is a fresh-food storage compartment.

## Safety information

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- If electricity goes off, don't 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 balconies, should be kept there for lower energy consumption

### Environment Protection

 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 symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

### Packaging materials

The materials with the symbol are recyclable. Dispose the packaging in a suitable collection containers to recycle it.

### Disposal of the appliance

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



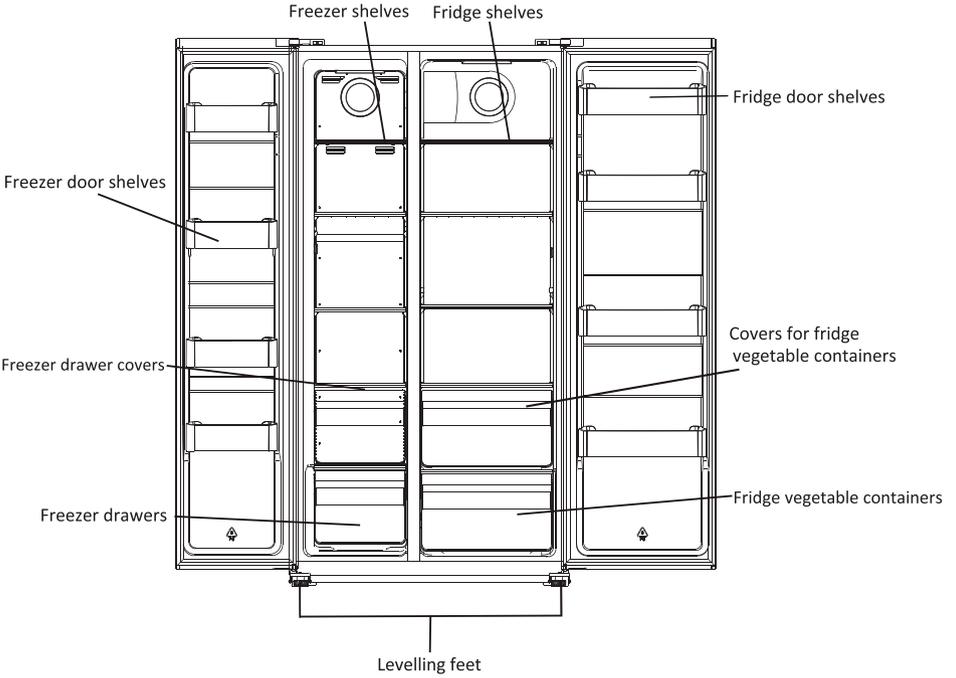
**⚠ WARNING!** During using, service and disposal the appliance, please pay attention to symbol as left side, which is located on rear of appliance (rear panel or compressor).

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.

# Overview

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

# Installation

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## Remove the doors

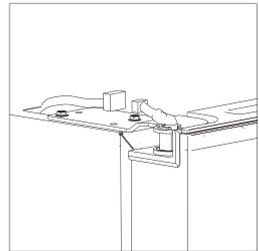
**Tool required:** Philips screwdriver, Flat bladed screwdriver.

- 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 removing 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.

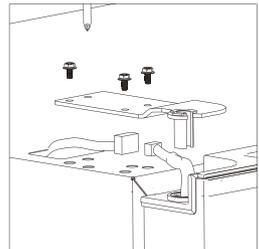
1. Unscrew hinge cover by Philips screwdriver.



2. Disconnect the harness.



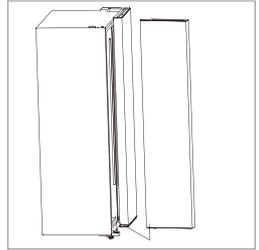
3. Unscrew top hinge.



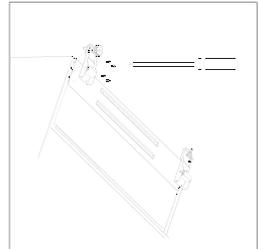
# Installation

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4. Lift the door and place it on a soft pad. Then remove another door as same process.



5. Unscrew bottom hinges.

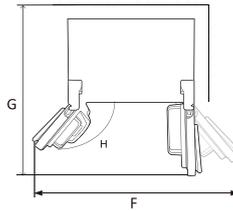
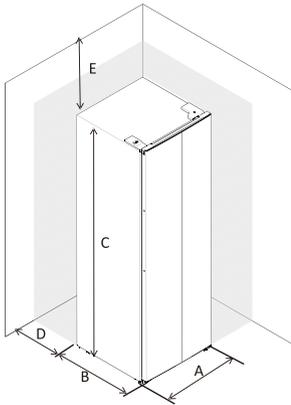


6. After the appliance is positioned, install the doors as reversed process.

# Installation

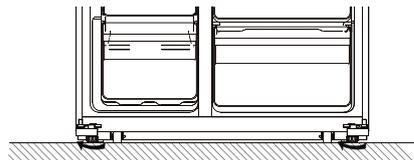
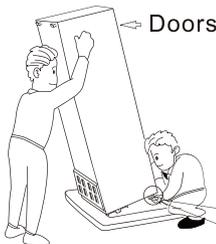
## Space Requirement

- 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.



A	905
B	670
C	1770
D	min=50
E	min=50
F	1800
G	1560
H	135°

## Levelling the refrigerator



- Levelling and anchor the refrigerator by adjust the feet.
- Clockwise rotate feet to heighten them by hand.
- Anticlockwise rotate feet to lower them by hand.

# Installation

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## 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 100 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

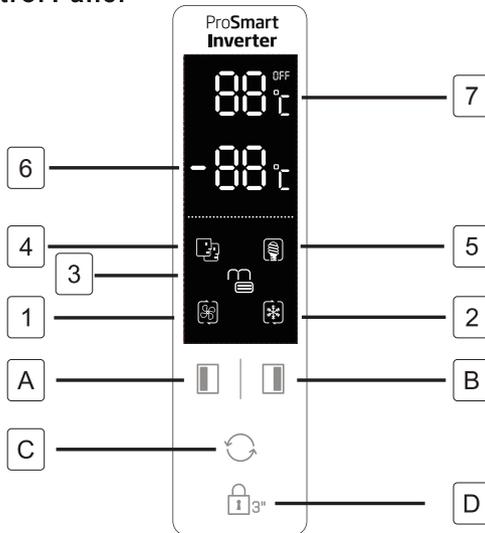
Before plugging in, ensure that the voltage and frequency shown on the rating plate correspond to your domestic power supply. The appliance must be earthed. The power supply cable plug is provided with a contact for this purpose. If the domestic power supply socket is not earthed, connect the appliance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

## Using the Control Panel



### Buttons

- A** Press to adjust temperature of freezer compartment (left side) from -14°C to -22°C.
- B** Press to adjust temperature of fridge compartment (right side) from 2°C to 8°C and off cooling.
- C** Press to select running mode from **SMART**, **ECO**, **SUPER COOLING**, **SUPER FREEZING** and **USER'S SETTING** (no symbol in display).
- D** Press **3 SEC.** button and hold for 3 seconds to lock other three buttons. Press it and hold for 1 second to unlock other three buttons.

### Display

- 1** **SUPER COOLING** cools the fridge compartment to the lowest temperature as designed. After approx. 2.5 hours, the temperature setting would be restored to the previous user setting mode.
- 2** **SUPER FREEZING** cools the freezer compartment to the lowest temperature as designed. After approx. 50 hours, the temperature setting would be restored to the previous user setting mode.  
Tips: it's better to switch on **SUPER FREEZING** mode 24 hours ahead before large amount of food is placed in freezer compartment.
- 3** **LOCK**, the symbol will light on if buttons are locked.
- 4** **SMART** mode, the refrigerator sets the temperature of two compartments automatically according to internal temperature and ambient temperature.
- 5** **ECO** mode, the refrigerator runs in lowest energy consumption setting.
- 6** Display the setting temperature of freezer compartment.
- 7** Display the setting temperature of fridge compartment.
- 8** Child lock would be failed since power failure. Child lock would be valid automatically after 25 seconds since last operation. Display panel would get turn off automatically after 2 minutes since last operation.
- 9** Some features may not be applicable with this model.

### Door Open Alarm

If one door keeps open for 90 seconds, a periodical alarm will sound until the door is closed.

# Daily Use

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## 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.

## Daily use

<b>Food</b>	<b>Location</b>
Eggs	Door rack
Dairy products (butter, cheese)	If available, biofresh or chiller compartment Lowest shelves
Fruits, vegetables and salad	Fruit and vegetable box, crisper or EverFresh+ compartment (if available)
Fresh meat, poultry, fresh fish, sausages, cooked foods	If available, biofresh or chiller compartment Lowest shelf
Ready to eat foods, packaged products, canned foods, pickled products	Upper shelves or door rack
Drinks, bottles, condiments, snacks	Door rack
Leftovers	Middle shelves

## EN Guidance for storing fresh food:

### **Storing into the fresh food compartment:**

- Keep your fridge at recommended temperature level as 4°C.
- Food to be stored should be properly sealed to avoid odour or taste alterations.
- Do not store excessive quantities of food inside your refrigerator. Leave spaces between foods to allow cold air flowing around them to achieve a better and more homogeneous cooling.
- To allow shorter door openings, foods eaten daily should be stored at the front of the shelf.
- Leave a gap between foods and the inner walls, allowing air to flow. If you store foods against the rear wall foods could freeze against rear wall.
- Hot, cooked food must be cooled down at room temperature before storing in the appliance. Then, warm food can be stored in the lower shelves of your fridge. Please do not put warm food nearby highly perishable foods.
- Thaw your frozen food in the fresh food compartment. This way, you can use the frozen food to cool down the fresh food compartment and save energy.
- If unripe tropical fruits (mango, melons, papaya, banana, pineapple) are stored in refrigerator, ageing process can be accelerated and it is not advisable since it causes shorter storage times. However, the ripening of strongly green fruits (apple, pear) can be promoted for a certain period in fridge compartment.
- Onions, garlic, ginger and other root vegetables should be stored at dark and cool room conditions, not in the fridge.
- When a spoiled food inside refrigerator is realized, it should be disposed. When rotten food is noticed, please clean inner liner or accessories which were in contact to prevent contamination.
- Large pots of food, such as soups or stews can be divided into shallow containers to quickly cool in the refrigerator. Large pieces of cooked meat and whole poultry should be divided into smaller pieces for the same purpose.

- Do not store unpacked foods nearby eggs.
- Keep fruits and vegetables separate and store like with like: apples with apples, carrots with carrots. Fruits and vegetables give off different gases that can cause others to deteriorate.
- Take leafy greens out of plastic bags, wrap them in a paper towel or tea towel before stored in refrigerator. Do not forget to dry them if they are rinsed or wet before storing.
- Store fruits and vegetables susceptible to drying out in perforated or unsealed plastic bags to maintain a moist environment yet still allow air to circulate.
- Different foods should be placed in different areas according to their properties:

“Please check appropriate Climate Class of your appliance rated on the rating plate. One of below information is valid for your appliance according to rated Climate Class.”

- SN: Extended Temperate: This refrigerating appliance is intended to be used at ambient temperatures ranging from 10°C to 32°C
- N: Temperate: This refrigerating appliance is intended to be used at ambient temperatures ranging from 16°C to 32°C
- ST: Subtropical: This refrigerating appliance is intended to be used at ambient temperatures ranging from 16°C to 38°C
- T: Tropical: This refrigerating appliance is intended to be used at ambient temperatures ranging from 16°C to 43°C

### **EN Storing into the freezer compartment:**

- It is recommended to keep freezer setting at -20°C except extreme ambient conditions.
  - 4-6 hours before freezing switch on the Fast Freeze function to provide faster freezing.
  - 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.
  - It is better to pack food before putting it into the freezer.
  - In order to avoid expiry 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.
  - Do not exceed the food storage times recommended by the food 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 cooked. It is not safe to consume uncooked re-frozen fresh food.
  - When freezing fresh food, avoid bringing it in contact with already frozen food. It may cause thawing of already frozen pieces.
- With the exception of extreme conditions in ambient, if temperature is set to recommended values as +4°C/-20°C, overall freshness will be prolonged within fresh food and freezer compartments. If temperature of fresh food compartment is set to cooler, fresh fruits and vegetables may be partially frozen or exposed to cold injury, while warmer temperature level may cause faster spoilage of highly perishable foods (dairy products, meat products).

### **When storing commercially frozen foods, please follow these guidelines:**

Always follow manufacturers' guidelines for the length of time you should store the food for. Do not exceed these guidelines!

- Try to keep the length of time between purchase and storage as short as possible to preserve food quality.
- Buy frozen foods, which have been stored at a temperature of -18 °C or below.
- Avoid buying food which has ice or frost on the packaging – This indicates that the products might have been partially defrosted and refrozen at some point – temperature rises affect the quality of food.
- We recommend a temperature setting of 4°C for fresh food compartment and -20°C for freezer compartment to achieve better food preservation.

# Daily Use

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## 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 bottom 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).

## 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.

## 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.



# Daily Use

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## Helpful hints and tips

### Hints for freezing

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

- the maximum quantity of food which can be frozen in 24 hrs. is shown on the rating plate;
- the freezing process takes 24 hours. No further food to be frozen should be added during this period;
- only freeze top quality, fresh and thoroughly cleaned, foodstuffs;
- prepare food in small portions to enable it to be rapidly and completely frozen 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 tab 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 refrozen.

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

### 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.

## 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 damage plastic parts, e.g. lemon juice or the juice form orange peel, butyric acid, cleanser that contain acetic acid.