



Instructions for use
REFRIGERATOR WITH FREEZER

RFN31831I
RF31831I
RFN31831EI
RF31831SEI
RFN31831SEI

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Tip



Warning; risk of fire / flammable materials

YOUR REFRIGERATOR WITH FREEZER

Introduction

Congratulations on choosing this Asko refrigerator with freezer. This product is designed with simple operation and optimum comfort in mind.

These instructions for use explain how you can make best use of this appliance. These instructions contain information about the operation of the appliance and background information that may be of help to you during its use.



Read the safety instructions before using the appliance!

Read these instructions thoroughly before you first use the appliance, and keep the instructions for future use.

A section of the installation instructions is supplied separately.

EU EPREL database

Information about your product can be found at www.asko.com/energylabel, where you will also find a link to the European Product Database for Energy Labelling, EPREL. Or else visit <https://eprel.ec.europa.eu> directly. Follow the instructions to search by model name (see the information on the serial number plate).

SAFETY INSTRUCTIONS

Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible if an incorrect installation and use causes injuries and damages. Always keep the instructions with the appliance for future reference.

Safety of children and vulnerable people

- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Keep all packaging away from children.

For European markets only

- 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.

General safety

- The lamp in this household appliance is only suitable for illumination of this appliance. The lamp is not suitable for household room illumination.
- **WARNING!** 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!** 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 electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- **WARNING!** Do not use water spray and steam to clean the appliance.
- **WARNING!** Clean the appliance with a moist soft cloth. Only use neutral detergents. Do not use abrasive products, abrasive cleaning pads, solvents or metal objects.
- **WARNING!** Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- **WARNING!** If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Installation

- **WARNING!** This appliance should only be connected by a registered installer.
- Remove all the packaging.
- Do not install or use a damaged appliance.
- Obey the installation instruction supplied with the appliance.
- Always be careful when you move the appliance because it is heavy. Always wear safety gloves.
- Make sure the air can circulate around the appliance.
- Wait at least 4 hours before connecting the appliance to the power supply. This is to allow the oil to flow back in the compressor.
- Do not install the appliance close to radiators or cookers, oven or hobs.
- Do not install the appliance where there is direct sunlight.
- Do not install this appliance in areas that are too humid or too colds, such as the construction appendices, garages or wine cellars.
- When you move the appliance, lift it by the front edge to avoid scratching the floor.
- **WARNING!** When positioning the appliance, ensure the supply cord is not trapped or damaged.

Electrical connection

- **WARNING!** Risk of fire and electrical shock.
- The appliance must be earthed.
- All electrical connections should be made by a qualified electrician.
- Make sure that the electrical information on the rating plate agrees with the power supply. If not, contact an electrician.
- Always use a correctly installed shockproof socket.
- Do not use multi-plug adapters and extension cables.
- Make sure not to cause damage to the electrical components (e.g. mains plug, mains cable, compressor). Contact the Service or an electrician to change the electrical components.
- The mains cable must stay below the level of the mains plug.
- Connect the mains plug to the mains socket only at the end of the installation. Make sure that there is access to the mains plug after the installation.
- Do not pull the mains cable to disconnect the appliance. Always pull the mains plug.
- **WARNING!** Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- If a stationary appliance is not fitted with a supply cord and a plug, or with other means for disconnection from the supply mains having a contact separation in all poles that provide full disconnection under overvoltage category III conditions, the means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules. This is also applicable for appliances with a supply cord and plug when the plug is not accessible after installing the appliance. Using an omnipolar switch with a contact separation of at least 3 mm fitted in the fixed wiring will fulfil this requirement.

Use

- **WARNING!** Risk of injury, burns, electrical shock or fire.
- Do not change the specification of this appliance.
- Do not put electrical appliances (e.g. ice cream makers) in the appliance unless they are stated applicable by the manufacturer.
- Be careful not to cause damage to the refrigerant circuit. It contains isobutene (R600a), a natural gas with a high level of environmental compatibility. This gas is flammable.
- If damage occurs to the refrigerant circuit, make sure that there are no flames and sources of ignition in the room. Ventilate the room.
- Do not let hot items to touch the plastic parts of the appliance.
- Do not store flammable gas and liquid in the appliance.
- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.
- Do not touch the compressor or the condenser. They are hot.

Care and cleaning

- **WARNING!** Risk of injury or damage to the appliance.
- Before maintenance, deactivate the appliance and disconnect the mains plug from the mains socket.
- This appliance contains hydrocarbons in the cooling unit. Only a qualified person must do the maintenance and the recharging of the unit.
- Regularly examine the drain of the appliance and if necessary, clean it. If the drain is blocked, defrosted water collects in the bottom of the appliance.

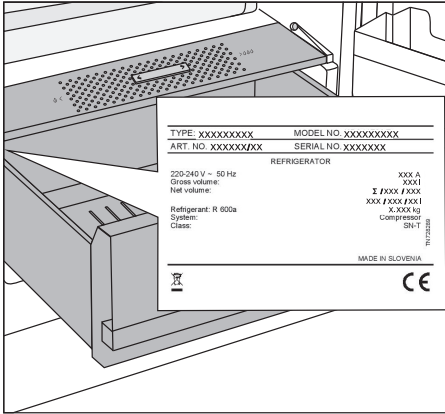
Disposal

- **WARNING!** Risk of injury or suffocation
- Disconnect the appliance from the mains supply.
- Cut off the mains cable and discard it.
- Remove the door to prevent children and pets to be closed inside of the appliance.
- The refrigerant circuit and the insulation materials of this appliance are ozone friendly.
- The insulation foam contains flammable gas. Contact your municipal authority for information on how to discard the appliance correctly.
- Do not cause damage to the part of the cooling unit that is near the heat exchanger.

INSTALLATION AND CONNECTION

Selecting the location

- Place the appliance in a dry and well aired room. The permitted ambient temperature range for the appliance depends on the appliance's climate class, which is shown on the type plate.



- Do not place the appliance near a source of heat, such as a gas cooker, radiator or boiler, etc., and do not expose it to direct sunlight.

Description	Class	Ambient temperature range °C	Relative humidity
Extended temperate	SN	+10 to +32	≤ 75%
Temperate	N	+16 to +32	
Subtropical	ST	+16 to +38	
Tropical	T	+16 to +43	



Do not place the appliance in a room where the temperature can fall below 5 °C: the appliance may not work properly or become defective!



The appliance is not suitable for outdoor use and may not be exposed to rain.

- The appliance must be placed at a distance of at least 5 cm from an electrical or gas cooker and at least 30 cm from a radiator or heater. An insulation panel must be fitted when these distances cannot be kept.

INSTALLATION AND CONNECTION

- The appliance must be placed at a distance of about 5 cm from the wall, back and sides of a cupboard. A kitchen cupboard above the refrigerator must have a gap of at least 5 cm between the back of the cupboard and the wall. This is needed to make sure that there is sufficient cooling air for the condenser.
- The plug of the installed appliance must remain accessible!



Place the appliance in a room with a sufficient volume of air. The room must have a volume of at least 1 m³ of air for every 8 grams of refrigerant. The quantity of refrigerant is shown on the type plate on the inside of the appliance.

- The kitchen unit in which the appliance is to be built in must have an opening of at least 200 cm² in its base to allow sufficient air to circulate.
- The appliance's air outlet is at the top. Make sure that the outlet is not blocked. Blocking the outlet can result in damage to the appliance.



Warning:

An anti-condensation accessory must be installed before built-in appliances are installed next to each other in a cupboard or surround. **For safety reasons, this must be installed by a recognized installer!**

Connecting the appliance

- Connect the appliance to the power supply with a plug. The socket must be earthed. The nominal voltage and frequency required for the appliance are shown on the appliance's type plate/label with basic information.
- The appliance must be connected to the mains and earthed in accordance with the prevailing standards and regulations. The appliance can withstand small variations in the mains voltage to a maximum of plus or minus 6%.



When you are not going to use the appliance for a longer period then switch it off with the appropriate key and disconnect it from the mains. Empty, defrost and clean the appliance, and leave the door ajar.

INSTALLATION AND CONNECTION



Freeze burn hazard

To avoid freeze burn, never put frozen food in your mouth and do not touch frozen food.



In the event of a defect or power cut, do not open the freezer compartment unless the appliance has been out of operation for more than the hours indicated on the appliance's type plate (temperature rise time). After this time, you must either use the frozen food or make sure that it is properly cooled (for example, by transferring it to another appliance).

Changing the side on which the door opens / building the appliance into a cupboard

Information about changing the side on which the door opens and building the appliance into a cupboard is enclosed in separate installation instructions.

BEFORE USING THE APPLIANCE FOR THE FIRST TIME

Before you use the appliance for the first time

Do not connect the appliance to the mains until you have carefully read the instructions for the correct and safe use of the appliance. As these instructions are for various types and models, it is possible that the instructions for use refer to settings or parts that are not available on your appliance. We recommend that you keep these instructions for future use. If you sell the appliance, enclose them with the appliance.

Inspect the appliance for damage and/or irregularities. If the appliance is damaged, contact the store that sold you the appliance.

Allow the appliance to stand upright for at least 4 hours before you connect the appliance to the mains. This reduces the risk of malfunctions resulting from transport effects on the refrigerant unit.

Before using the appliance for the first time, the interior and all internal accessories should be cleaned with lukewarm water and a neutral cleaning agent. Wipe the cleaned parts with a cloth with clean water and then dry them thoroughly.

If you use the appliance for the first time, do not put food into the appliance until the temperature has decreased to the set temperature.

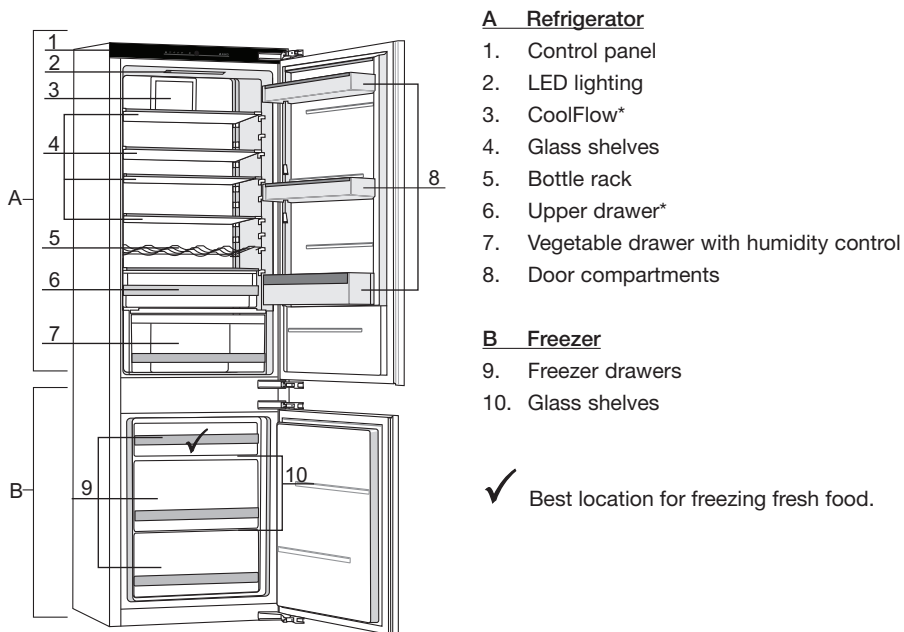
Energy-saving advice

- Install the appliance as stated in the instructions for use.
- Do not open the door more than necessary.
- Never cover or obstruct the ventilation openings.
- Replace a door seal that is damaged or no longer seals properly as quickly as possible.
- Store food in well-sealed containers or suitable packaging.
- Allow food to cool to room temperature before you put it in the appliance.
- Defrost food in the refrigerator compartment.
- Defrost a conventional freezer once a layer of about 2 to 3 millimetres of frost or ice has formed on the inside.
- Space the shelves evenly in the refrigerator compartment. Place the food so that the air can circulate freely in the appliance (follow the recommendations for the location of foods enclosed in the instructions).
- When the appliance is equipped with a fan then make sure that the ventilation openings are kept clear.
- The lower the set temperature, the higher the power consumption.

DESCRIPTION OF THE APPLIANCE

Appliance

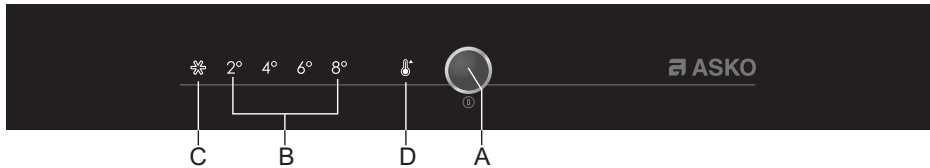
This product contains a light source of energy efficiency class (E).



* Equipment depends on the model

DESCRIPTION OF THE APPLIANCE

Operating the appliance



- A Appliance on/off, temperature settings, and extra function key
- B Refrigerator compartment temperature display
The indicator for the selected temperature will be lit.
- C Intensive cooling/freezing function indicator
Symbol C will be lit when the intensive cooling/freezing function is activated.
- D High temperature indicator

To set the appliance temperature or activate extra functions, press the A key successively. When the key is first pressed, the currently set value or function will start to flash. With each successive press of the key, the indicator moves to the next setting. The indicator cycles through the settings in a circular manner, from right to left. While the settings are being adjusted, the display will flash. Three seconds after the key is released, the setting will be stored automatically and the relevant symbol will be lit.

Switching the appliance on/off



Switching the appliance on: Press the A key and hold it for 3 seconds.

Switching off the appliance: Again press the A key and hold it for 3 seconds. The appliance will be off, but there is still voltage in it as it is still connected to the power mains.

DESCRIPTION OF THE APPLIANCE

Adjusting the temperature in the appliance



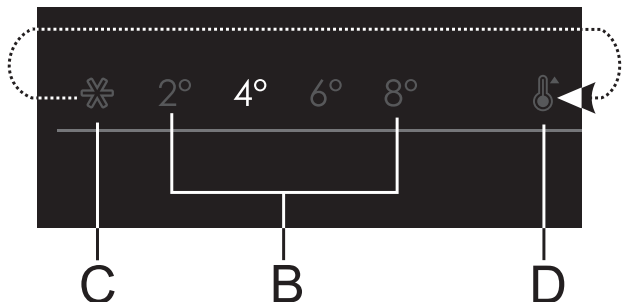
- The factory default setting is the recommended temperature of 4 °C. At this setting, the temperature in the freezer compartment will be around -18 °C.
- After the appliance is switched on, it may take several hours for the set temperature to be reached. Do not place any food into the refrigerator before the temperature drops to the selected setting.



- Adjust the temperature as desired using the A key.
- Press the A key (several times) until the desired temperature indicator lights up.
- When the A key is pressed for the first time, the currently set value or function will start to flash. Every successive time you press the A key, the settings indicator will move to the next setting (from right to left, in a circular manner).
- After three seconds, the setting will stop flashing. Your setting will be stored and the corresponding indicator will be continuously lit.

The numbers 2, 4, 6 and 8 indicate the degrees Celsius (°C) in the refrigerator compartment.

- The recommended temperature setting is +4 °C. At this temperature, food quality and freshness are preserved longer.
- The temperature in the refrigerator compartment also affects the temperature in the freezer compartment. For a lower temperature in the freezer compartment, set a lower temperature in the refrigerator compartment.
- If the ambient temperature in the room where the appliance is installed is below 16 °C, we recommend setting a temperature lower than 4 °C.



DESCRIPTION OF THE APPLIANCE

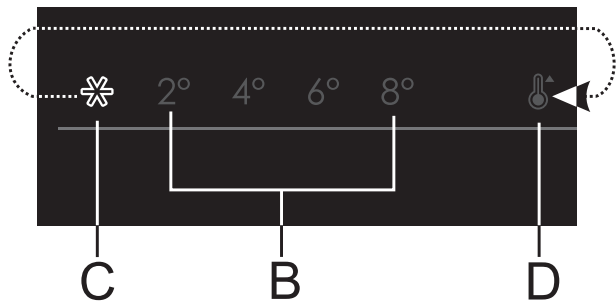
Intensive cooling/freezing (SuperCool/FastFreeze)

This appliance has an intensive cooling/freezing function. This function decreases the temperatures in the refrigeration compartment and freezer compartment as quickly as possible. Activate this function 24 hours before you put a large quantity of fresh food in the appliance.



When the intensive cooling/freezing function is selected, the appliance works at maximum capacity. It may then make more noise for a while.

- To activate the intensive cooling/freezing function, press the A key several times until symbol C lights up.
- To switch off the intensive cooling/freezing function, press the A key to select the desired temperature B.



Adjusting the temperature of the refrigeration compartment while the intensive cooling/freezing function is activated will immediately disable the intensive cooling/freezing function.



When the intensive cooling/freezing function is not manually disabled then the function will be automatically disabled after about two days. The temperature then returns to the latest set temperature.



Should a power failure occur while the function is activated then the function will be activated again when the power is restored.

DESCRIPTION OF THE APPLIANCE

Open door alarm



A

Conventional appliances (model RF31831I):

An alarm signal sounds when the door of the refrigerator compartment is open for too long.

NoFrost appliances (model RFN31831I):

An alarm signal sounds when the door of the refrigerator or freezer compartment is open for too long.

Stopping the alarm

1. Close the door.
 - The alarm will stop sounding.



If you only switch off the alarm by touching the A key, the alarm will switch on again after some time because the door is still open.

DESCRIPTION OF THE APPLIANCE

High temperature alarm

A signal will sound when the temperature in the appliance is too high. Furthermore, symbol **D** shown in the display will flash. A high temperature can be caused for several reasons:

- The door has been opened for too long or too frequently.
- The door does not seal properly.
- Too much fresh food has been put in at the same time.



Every time the appliance is switched on again, it takes a while until the correct temperature is reached. For this reason, the alarm is disabled for the first 24 hours after the appliance is switched on to prevent the unnecessary activation of the alarm.

Stopping the alarm

1. Touch the **A** key to stop the alarm.

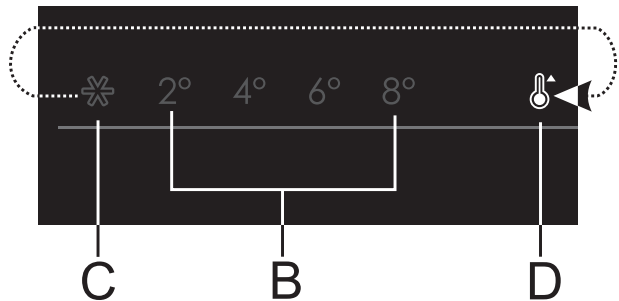
- The alarm will stop sounding.
- Symbol **D** shown in the display continues to flash while the temperature is still too high.



When you press the **A** key for the first time, the alarm will be acknowledged and turned off. When you press the **A** key again, it will already work as a settings adjustment key.



When the alarm is not stopped manually and the temperature remains too high, the signal will sound for the first minutes of every half hour and when the door of the refrigerator compartment is opened.

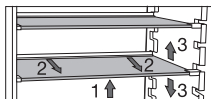


DESCRIPTION OF THE APPLIANCE

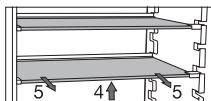
Appliance interior equipment

(* Equipment depends on the model)

Glass shelves

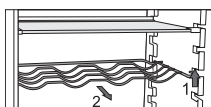


The shelves are made from safety glass. To change the height of a shelf, lift the front of the shelf (1). Take hold of the back and pull the shelf slightly forwards (2). Move the shelf to a higher or lower position (3).



To remove a shelf from the refrigerator, lift the front of the shelf (4). Take hold of the back and pull the shelf out of the appliance (5).

Bottle rack



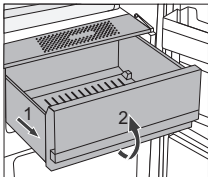
The bottle rack can contain a maximum load of nine 0.75-litre bottles or 13 kilograms of total weight. Also cans can be put on the bottle rack (lengthwise or crosswise). Make sure that the door can close correctly if you have put bottles or cans on the rack.

The bottle rack cannot accidentally being pulled out. It can only be pulled out when it is empty. To pull it out, lift it slightly at the front (1) and pull it towards you (2).

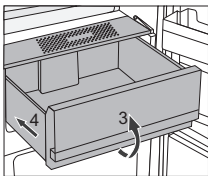
DESCRIPTION OF THE APPLIANCE

Vegetable drawer with automatic humidity control (models RFN31831I, RFN31831EI, RFN31831SEI)

The drawer at the bottom of the refrigerator is intended for storing fruit and vegetables. It provides humidity and prevents the food from drying out. The humidity in the drawer is regulated automatically, depending on the type and amount of inserted food.



To remove a drawer, pull out the drawer as far as it will go (1). Then, lift the front part (2) and pull it out completely.

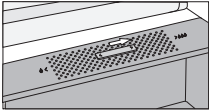


To insert a drawer, follow the reverse order (3 and 4).

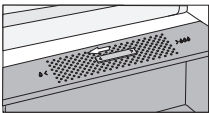
DESCRIPTION OF THE APPLIANCE

Vegetables drawer with manual humidity control (models RF31831I, RF31831SEI)

The drawer at the bottom of the refrigerator is intended for storing fruit and vegetables. It provides humidity and prevents the food from drying out. The drawer has a humidity regulator which allows setting the humidity level.



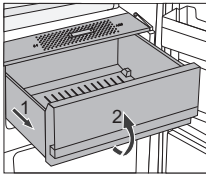
Slider position to the right: closed vents, higher humidity in the drawer



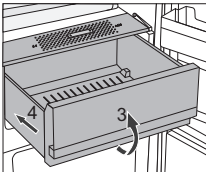
Slider position to the left: open vents, lower humidity in the drawer



If you observe droplets accumulating below the glass shelf, open the vents and wipe the shelf.



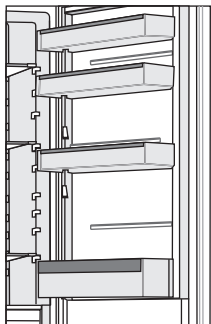
To remove a drawer, pull out the drawer as far as it will go (1). Then, lift the front part (2) and pull it out completely.



To insert a drawer, follow the reverse order (3 and 4).

DESCRIPTION OF THE APPLIANCE

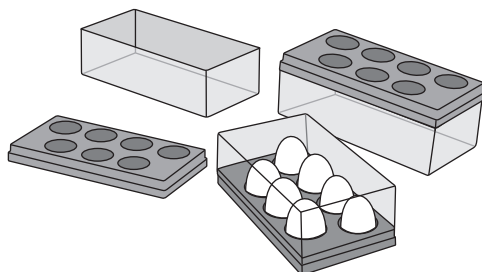
Door compartments



The height of the door compartments is adjustable. Lift the compartment out of the groove and fit it in the required position. Each compartment can carry a maximum weight of 5 kg. The bottom door compartment is suitable for bottles.

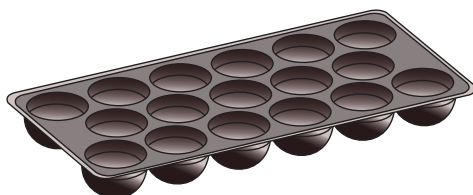
MultiBox

The MultiBox offers a handy option for storing foods with a strong odour, such as ripe or blue cheese, smoked sausages and onions. The lid can also be used as egg tray.



Ice cube tray (IceTray)

To make ice cubes, fill the tray with water and lay it horizontally in the freezer.



DESCRIPTION OF THE APPLIANCE

CoolFlow*

This system creates optimal air circulation to keep the temperature constant throughout the entire refrigerator compartment. The openings around the fan may never be covered or obstructed.

AdapTech

Innovative sensor technology allows adjusting the appliance operation to the user's habits or behaviour. The adaptive intelligent system monitors, analyzes, and records on a daily and weekly basis the use of the appliance and adapts the appliance operation to the perceived patterns. If the appliance is able to anticipate an increased frequency of door opening, the appliance will automatically lower the temperature before such time to prevent the increase of food temperature. The appliance will also anticipate adding larger amounts of food into the refrigerator or freezer and adapt by cooling or freezing more intensively.

STORING AND FREEZING FOOD

Recommended distribution

Sections of the refrigeration compartment

- **Upper section:** canned food, bread, wine and pastas, etc.
- **Middle section:** dairy products, ready-to-cook meals, desserts, soft drinks, beer and cooked food, etc.
- **Lower section:** meat, meat produce, delicatessen.
- **Vegetable drawer:** vegetables and fresh fruit.



Store food that spoils rapidly at the back of a shelf or at the back of the drawer at the lowest temperature.



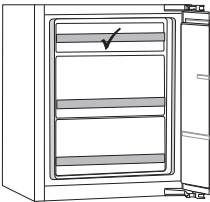
Do not store fruit (bananas, pineapples, papaya, citrus fruits) and vegetables (courgettes, tomatoes, aubergines, cucumber, sweet peppers and potatoes) that are sensitive to low temperatures in the refrigerator.

Sections of the door

- **Top/middle door compartment:** eggs, butter, cheese and sauces, etc.
- **Bottom door compartment:** drinks, cans and bottles, etc.

Sections of the freezer compartment

- **Top section:** leftovers, ice, pizza.
- **Middle section:** meat, fish, bread.
- **Bottom section:** standard freezer, vegetables and fruit.



The best location for freezing fresh food is marked with a ✓.



Do not store lettuce, eggs, apples, pears, grapes, peaches, yoghurt, buttermilk, sour cream or mayonnaise in the freezer.

Avoid contamination of food

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.
- Regularly clean 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.
- 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.

Storing fresh food in the refrigerator

Important recommendations for storing fresh food

- To ensure the quality of fresh food, it is important that:
 - the food is well-packaged;
 - the appliance is at the correct temperature;
 - the appliance is clean.
- Take good note of the use-by date stated on the food packaging.
- Put food in the refrigerator in sealed containers or in suitable packaging. This will prevent the food from picking up or spreading odours and will keep it dry.
- Do not store flammable, unstable or explosive materials in the refrigerator.
- Store bottles that have been opened upright and close them tightly.
- Some organic solutions, such as essential oils, in the skin of lemons and oranges, and butyric acid, that come into long-term contact with plastics can eat into the material and cause premature ageing.
- A disagreeable odour is an indication that the appliance is not clean or that it contains food that has spoiled (see the chapter 'Maintenance').
- Take perishable foods out of the refrigerator when you will be away from home for a longer time.

Freezing and storing foods in the freezer

Important recommendations for freezing fresh food

- The maximum quantity of food that you can put in the freezer in one go is stated on the type plate. Putting more than this maximum quantity of food into the freezer will slow the freezing process and reduce the quality. Moreover, this will also harm the quality of frozen food already stored in the freezer.
- Use only good-quality fresh food that is suitable for freezing.
- Allow hot food to cool to room temperature.
- Food needs to be frozen quickly. It is recommended that you use small packs.
- Use air and watertight packaging to prevent the food from drying out and lose its vitamins.
- Note the type and quantity of the food on the packaging, together with the date on which it was frozen.
- Do not allow fresh food to come into contact with frozen food.
- You can remove all the drawers to make use of the total volume of the freezer compartment.
- Put the food directly on a shelf and on the base of the freezer.

Freezing small quantities of fresh food/making ice cubes

See the chapter 'Recommended distribution' for the best location for freezing fresh food (1 to 2 kilograms) and making ice cubes.

Freezing large quantities of fresh food

- Activate the intensive cooling/freezing function 24 hours before you plan to freeze the food.
- Distribute the fresh food equally between all the drawers in the freezer compartment.
- After 24 hours, you can transfer the food to another compartment in the freezer and then freeze a new batch of food.

Important recommendations for storing frozen food

- Follow the manufacturer's instructions for the storage and use of frozen food. Take note of the recommended storage temperature and use-by date stated on the packaging.
- Use only food in undamaged packaging that has been stored at a temperature of $-18\text{ }^{\circ}\text{C}$ or lower.
- Do not buy food covered in frost. This indicates that the food has thawed or partially thawed several times and, as a result, is of inferior quality.
- Make sure that the food does not thaw during transport. An increase in its temperature will shorten the storage life and harm the quality of the food.

STORING AND FREEZING FOOD

Recommended storage times of frozen food in the freezer

Type of food	Storage life
Fruit, beef	10 to 12 months
Vegetables, veal, poultry	8 to 10 months
Venison	6 to 8 months
Pork	4 to 6 months
Finely chopped or minced meat	4 months
Bread, pastas, cooked dishes, whitefish	3 months
Offal	2 months
Smoked sausage, bluefish	1 month

Thawing frozen food

- Thawing is an important step in storing food preserved by freezing. Food must be thawed in the correct way.
- Suitable methods of thawing food are:
 - in the refrigerator;
 - in cold water;
 - in a microwave or conventional oven with a suitable thaw program.
- Some frozen products can be prepared without needing to thaw them first. The manufacturer will state this on the packaging.
- The food needs to be packed in small portions. In this way the food thaws faster.
- Use partially or completely thawed food as quickly as possible. The bacteria in thawed food are reactivated and the food will spoil rapidly. This applies in particular to fruit, vegetables and ready-made food.
- Do not refreeze partially or completely thawed food.

Defrosting the appliance

Automatic defrost of the refrigeration compartment

The refrigeration compartment defrosts automatically from time to time.

Defrosting of the NoFrost freezer (models RFN31831I, RFN31831EI, RFN31831SEI)

The NoFrost freezer defrosts automatically. Any frost deposits will then disappear.

Any ice or frost deposits that nevertheless form in the freezer compartment can be caused by unusual use of the appliance (opening the door too often and too long or poorly sealing door, etc.). The freezer will then need to be defrosted manually.

Defrosting a conventional freezer (models RF31831I, RF31831SEI)

- Defrost the freezer when an approximately 3–5 millimetre layer of frost or ice has built up.
- 24 hours before defrosting, activate the intensive cooling/freezing function to additionally cool the food.

After this period, remove the food in the freezer and protect it so that it cannot partially or completely thaw.

- Switch off the appliance (see chapter 'Operating the appliance') and unplug the power cord.



Do not use any defrosting sprays as they may melt the plastic parts or harm your health.



Do not use a knife or any other sharp object to remove the frost, because you may damage a pipe of the cooling system.

MAINTENANCE

Cleaning the appliance



Switch off the appliance and remove the plug from the socket before you start cleaning it.



Do not use abrasive cleaning agents, as they can damage the surface.



Activate the intensive cooling/freezing function 24 hours before you plan to clean the freezer.

- Regularly clean the interior of the appliance with lukewarm water. If so required, add a neutral cleaning agent or special refrigerator cleaner to the water. Clean all surfaces with a soft cloth. Wipe the cleaned parts with a cloth with clean water and then dry them thoroughly.
- Do not put parts of the appliance in a dishwasher: this could damage them.

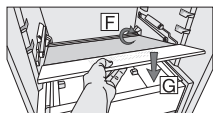
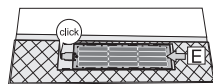
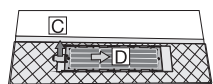
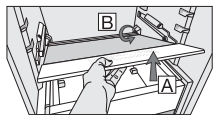


When you are not going to use the appliance for a longer period then switch it off with the appropriate key and disconnect it from the mains. Empty, defrost and clean the appliance, and leave the door ajar.

MAINTENANCE

Cleaning the humidity filter (models RFN31831I, RFN31831EI, RFN31831SEI)

The humidity filter is located at the bottom part of the shelf above the fruit and vegetable drawer.

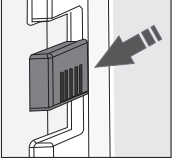


1. Remove the upper drawer.
2. Lift the shelf as far as possible at the front (A). Then, pull it out from the grooves at the rear side of the appliance (B).
3. Carefully turn the shelf around so the lower side is facing upwards.
4. Put the shelf onto a flat surface.
5. To remove the filter, lift up the tab as indicated by arrow C. Then, slide the filter in the direction indicated by arrow D.
6. Wash the filter with water and dry it thoroughly. If there are stubborn stains on the filter, clean them with mild detergent and a soft cloth. Then, rinse out the detergent thoroughly with water.
7. Put the filter back: slide it in the direction indicated by arrow E. A 'click' indicates that the filter is firmly back in place.
8. Turn the shelf around and put it back. Make sure it fits well into the grooves at the rear wall of the appliance (arrow F). Carefully lower the shelf to put it on top of the fruit and vegetable drawer as indicated by arrow G.

OTHER

Faults table

When you have any doubts about whether your appliance is working properly you should not immediately assume that it is defective. We recommend that you should in any case check the points in the following table.

Problem	Cause/Solution
Appliance is connected to the power supply but is not working.	Check that the socket is live and that the appliance is switched on.
<p>Appliance cools continuously for a long time.</p> 	<p>The compressor is operating for a longer time at low capacity (low energy consumption / high efficiency). This is the most efficient form of operation. The following factors can also influence the appliance's operation:</p> <ul style="list-style-type: none"> • The ambient temperature is too high. • The door has been opened for too long or too frequently. • The door is not closed properly. • The door does not seal properly (the seal is dirty, the door is misaligned or the seal is damaged, etc.). • Too much fresh food has been put in at the same time. • Insufficient air circulation around the compressor and condenser. Check that the ventilation around the appliance is sufficient (see the separate installation instructions). • The sensor in the refrigerator is blocked by fresh food. Make sure that air can circulate freely around the sensor (not applicable to all models).
Excessive ice formation in the freezer (Conventional freezer).	<ul style="list-style-type: none"> • The freezer compartment has not been defrosted periodically. Defrost the freezer compartment to remove the ice. • The door is not closed properly. • The door does not seal properly (the seal is dirty, the door is misaligned or the seal is damaged, etc.).
Excessive ice formation in the freezer (NoFrost freezer).	<ul style="list-style-type: none"> • The door has been opened for too long or too frequently. • The door is not closed properly. • The door does not seal properly (the seal is dirty, the door is misaligned or the seal is damaged, etc.).
Condensation on the glass shelf above the drawers in the refrigeration compartment.	<ul style="list-style-type: none"> • Open the humidity control slider (models RF31831I, RF31831SEI). • Check that the door is closed properly and seals properly. • This is a temporary problem that cannot be avoided entirely in periods of high ambient temperatures and high humidity. The problem disappears when the temperature and humidity return to normal levels. We recommend that you clean the drawers more frequently and occasionally wipe off any drips. • Pack food in bags or other air-tight packaging.

OTHER

Problem	Cause/Solution
Symbol D flashes:	<ul style="list-style-type: none"> • The door has been opened for too long or too frequently. • The door does not seal properly (the seal is dirty, the door is misaligned or the seal is damaged, etc.). • Too much fresh food has been put in at the same time.
Door does not open easily.	<p>You are trying to open the appliance's door just after you have closed the door. Then opening the door is difficult. When you open the door, cold air escapes from the appliance and is replaced by warm air from the surroundings. As this air cools a slight vacuum is created that makes it more difficult to open the door. The situation returns to normal after a few minutes, and the door opens easily again.</p>
Some or all of the LED lighting does not work.	<p>Consult a service technician about LED lighting that is not working. You may not try to repair LED lighting.</p>
Appliance makes a noise.	<ul style="list-style-type: none"> • The appliance is cooled by a refrigeration system with a compressor (and with some models, also a fan) that makes a noise. The noise level depends on the installation of the appliance, its correct use and its age. • When you connect the appliance to the power supply the noise made by the compressor or flowing refrigerant may be slightly louder. This is not indicative of a defect, and has no effect on the service life of the appliance. The appliance will make less noise after a while. • The appliance may be temporarily noisier after the door has been opened for too long or too frequently, a large quantity of fresh food has been put in the appliance or the intensive freezing or intensive cooling function has been activated.

If you are unable to solve the problem then contact the service centre. When you do so, state the type, model and serial number shown on the type plate or label on the inside of the appliance.

Disposal of packaging and appliance

This appliance is made from sustainable materials. This appliance must be disposed of in a responsible manner at the end of its service life. Contact the local authorities for information about the method.



See also the chapter 'Disposal' in the Safety instructions.

The packaging of the appliance is recyclable. The following materials may have been used:

- Cardboard.
- Polyethylene foil (PE).
- CFC-free polystyrene (hard PS foam).

These materials must be disposed of in a responsible manner and in accordance with government regulations.



The appliance is marked with a crossed out wheeled bin symbol to draw your attention to the requirement for the separate disposal of domestic electrical appliances. This means that the appliance may not be disposed of in unsorted household waste at the end of its service life. The appliance must be taken to a special municipal waste processing location for separated waste or to a dealer who provides this service.

Collecting and disposing of domestic appliances separately avoids detrimental consequences for humans and the environment. This ensures that the materials used to make the appliance can be recovered and that substantial savings in the use of energy and raw materials can be achieved.



Declaration of conformity

We hereby declare that our products conform to the applicable European Directives, Regulations and requirements, as well as all requirements in the standards to which reference is made.

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