

TWO DOOR COMBINATION REFRIGERATOR

USER'S MANUAL

PHILCO



Famous for Quality the World Over

PX 4551/PX 4551i

Dear customer,

Thank you for buying a PHILCO brand product. So that your appliance serves you well, please read all the instructions in this user's manual.

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PART 1: BEFORE PUTTING INTO OPERATION

Safety notice

Symbols:



General advice for the optimal operation of the appliance



General dangers



Hot surfaces

Before you put the appliance into operation

- Carefully study the user's manual and installation instructions before installing and using the appliance! This user's manual includes important information regarding the installation, operation and maintenance of the appliance. Store the user's manual also for future reference, or for other owners of the appliance if the appliance is sold.



If the appliance is transported in a horizontal position the oil from the compressor may leak into the cooling circuit. For this reason, allow the appliance to rest in a vertical position for 12 hours before turning it on, so that the oil flows back into the compressor.



After unpacking the appliance, carefully inspect that it has in not been damaged in any way. Also check that the power cord is not damaged. If you discover any defects, turn off the appliance and contact the vendor or in the case of a damaged power cord contact the service centre. If the appliance and all its parts are in order, install it according to the instructions in the relevant chapter.

- When installing the appliance in its place, or when moving the appliance, the power cord could be penetrated or damaged. Check that the power cord is not interfering anywhere.
- Before connecting the appliance to the electricity power source check that the capacity of the system corresponds to the specifications on the appliance's rating label.
- Any kinds of home electric wiring necessary for the connection of the appliance must only be carried out by a qualified electrician.



If you move the appliance from its usual position, it is necessary to understand, that although you have disconnected the power cord, the components on the rear side of the appliance may remain very hot for some time.



This appliance is not designed to be built-in. Do not cover or block the air inflow or outflow openings. Insufficient ventilation will cause bad operation and damage to the appliance.

Operating the appliance

- Use the appliance only for the purposes for which it has been designed.
- This appliance is designed only for household use, for storing or freezing food and for preparing ice.
- The temperature inside the refrigerator and freezer may rise or fall slightly, and so these appliances are not suitable for storing products (e.g. medicines), which require a stable temperature.



Do not use any other electric appliances (e.g. heating elements, electric ice cream machines, etc.) inside the appliance. There is a danger of explosion!

 Do not place food inside the refrigerator containing flammable propulsion gases (e.g. sprays) and no explosive, contaminating or volatile substances. There is a danger of explosion!

 Do not store liquids inside bottles and cans (especially beverages containing carbon dioxide) inside the freezer compartment. The bottles and cans could crack!

- Store liquor only with a firmly tightened cap and in a vertical position.
- Do not use the base, drawers, doors of the appliance, etc. as a step or as a support. There is a danger of injury to persons or damage to the appliance.
- Ensure that the plastic parts of the appliance and the door seals are not soiled with oil or grease. The plastic parts and the seals would then become porous.
- Do not consume frozen food immediately after taking it out of the freezer compartment. There is a danger of frost bite!

 Avoid prolonged hand contact with frozen food, ice or evaporating pipes. There is a danger of frost bite and freezing to these objects!

 We do not recommend placing hot liquids or food inside the refrigerator and filling containers all the way to the rim.

 Do not put fragile, heavy or unstable objects on the refrigerator.

Children in the household

- Never leave packaging and its parts with the children. There is a danger of poisoning or suffocation by the cardboard boxes and plastic sheets!
- This appliance is in no way a toy for children!
- For appliances with door locks: do not leave keys within the reach of children!
- If you will no longer be using the refrigerator, remove the doors, seals and store it in a safe place. In this way you will prevent the danger of children becoming trapped inside the refrigerator.

Maintenance and cleaning

 Before you begin with regular or exceptional maintenance, disconnect the appliance's power cord or turn off the fuse or circuit breaker. Never pull the electric power cord, only pull on the power plug.

 Do not use mechanical or any other devices, except for devices recommended by the manufacturer for the purpose of accelerating the defrosting process.

- Do not defrost or clean the appliance using a steam cleaning device! The steam may come into contact with the electric components inside the appliance, where a short circuit could occur. There is a danger of electric shock!
- Do not remove the frozen ice layer and frozen on food using a knife or a sharp object. This could damage the cooling medium pipes. The escape of the cooling medium may cause eye injuries or it may catch on fire.

General instructions

- This appliance must not be used by persons (including children) with physical, sensory or psychological impairments or by inexperienced persons, unless properly trained or schooled in the safe use of the appliance, or unless they have been properly supervised by a person who will be responsible for their safety. Children should be supervised so as not to play with the appliance.
- This appliance has been tested in accordance with the directives in force in the European Union.

- The tightness of the cooling circuit has been verified.
- This appliance conforms to the relevant safety provisions for electrical appliances in force in the European Union.

Technical safety



The appliance contains a cooling gas, ISOBUTHAN (R600a). Only transport or move the appliance with the utmost care, prevent excessive impacts and shaking to prevent damaging the appliance. If the cooling circuit becomes damaged and the cooling gas may be escaping, there is a risk of an explosion, which may be ignited by a spark or flame. If the appliance shows signs of damage, it must not be put into operation. In such a case contact the service centre, ventilate the room where the appliance is located and prevent the spreading of flames or other interference with the appliance.

Safety instructions for gas R600a

Measures in case of an unexpected release

If ventilation is possible, allow the material to evaporate.

Characteristics of the gas

The gas is highly flammable, it is necessary to completely prevent contact with an open flame and hot surfaces. Because the R600a gas is heavier than air, it may become very concentrated at the level of the ground, where ventilation is weak.

First aid

Inhalation

Take the affected person from the contaminated area to a warm, well ventilated location. Staying in a contaminated location for a long time may cause suffocation, or potentially loss of consciousness. If necessary, provide mouth-to-mouth resuscitation and in exceptionally serious situations, under expert medical supervision, give oxygen.

Contact with the skin

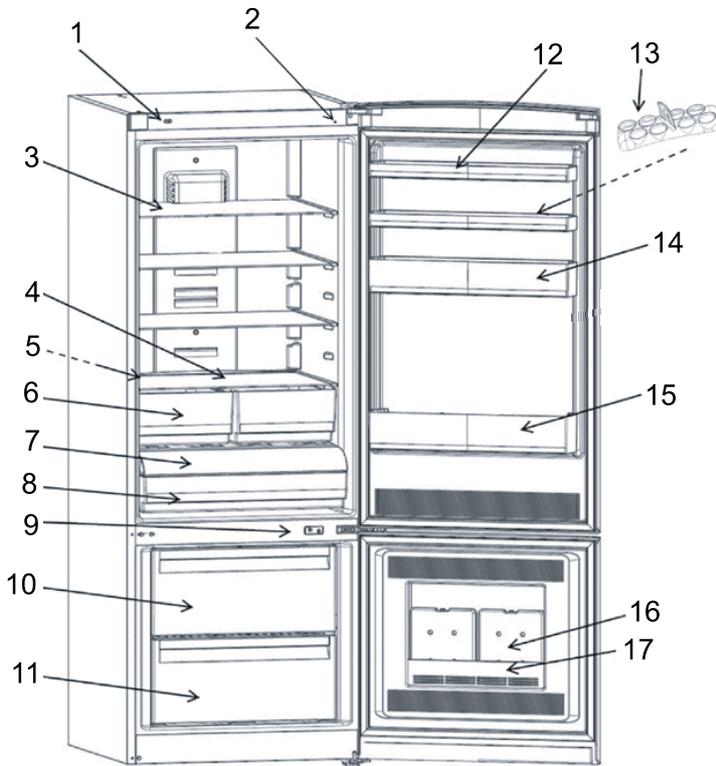
Random contact with the skin will not endanger health, it is better to thoroughly wash the affected area. The liquid spray or dispersed liquid may cause frost bite, wash the affected area with large amounts of water and contact a medical doctor.

Contact with the eyes

If eyes have been affected, wash out with large amounts of water, while trying to keep the eyes open, and call a specialised doctor as soon as possible.

If contact or inhalation of the R600a gas occurs, contact your medical doctor.

PART 2: PRODUCT DESCRIPTION



- | | |
|--|----------------------------------|
| 1. On/Off button (turn on/off) | 10. Top freezer drawer |
| 2. Light sensor | 11. Bottom freezer drawer |
| 3. Glass shelf in the refrigerator | 12. Top shelf |
| 4. Cover of the fruit and vegetable drawer | 13. Egg holder |
| 5. Odour filter | 14. Middle shelf |
| 6. Fruit and vegetable drawer | 15. Bottom shelf |
| 7. Cover of the drawer with roller wheels | 16. Cooling battery |
| 8. Drawer with roller wheels | 17. Cover of the cooling battery |
| 9. Light switch | |

PART 3: INSTALLATION

Transport and unpacking

If the appliance is transported in a horizontal position the oil from the compressor may leak into the cooling circuit. For this reason, allow the appliance to rest in a vertical position for 12 hours before turning it on, so that the oil flows back into the compressor.

Remove the external packaging, remove the protective plastic film from the surface of the appliance (if used) and clean the external parts of the appliance with an agent designed for this purpose. Do not use steel wool or any coarse agents, which could irreparably damage the surface of the appliance. Carefully remove all papers and adhesive tape from the appliance, doors and other parts packed in polystyrene. Remove documents and accessories from inside the appliance.

The packaging material is recyclable and is marked with a recycling symbol. For disposal follow the local regulations. Packaging materials (plastic bags, polystyrene parts, etc.) must be kept out of the reach of children, because they present a possible source of danger.

Carefully inspect the appliance. If you discover any defects, stop the installation and contact the vendor.

Operating conditions

The proper operation of the appliance, the cooling and freezing temperatures are guaranteed only when the following conditions are met.

- The temperature in the room where the appliance is located conforms to the climate class stated on the appliance's rating label.
- Maximum ambient relative humidity: 90%.
- The appliance must be placed at a sufficient distance from heat sources (e.g. baking ovens, central heating, direct sunlight, etc.).
- The appliance must be located in such a place that it is protected against the effects of weather.
- Regular maintenance is performed according to the instructions in this user's manual.
- The ventilation openings in the cover of the appliance must not be covered by anything.
- Correct installation (e.g. levelling, the capacity of the system correspond to the specifications on the rating label of the appliance).

Table – Climatic class

Climatic class	Ambient temperature
SN	+10°C to +32°C
N	+16°C to +32°C
ST	+16°C to +38°C
T	+16°C to +43°C

Location

The location for the placement of the appliance must meet the requirements in the paragraph "Operating conditions" and must have a stable floor with a load bearing capacity corresponding to the weight of the appliance.

Furthermore you must maintain distances and dimensions of the appliance, so that correct operation is ensured:

1. top part at least 20 cm;
2. rear part at least 10 cm;
3. the wall on the side where the door opens at least 30 cm.

Level the appliance using the adjustable feet, ensure there is a gap between the bottom edge of the appliance and the ground, so that there is sufficient circulation of the cooling air, by which you will ensure the optimal performance of the cooling circuit.

Check whether any cooling circulation pipes have been damaged during the installation.

- Use the appliance only for the purposes for which it has been designed.
- The appliance must be located on a rigid and even surface.

In this way you will ensure free circulation of the coolant and effective operation of your appliance.

- If possible, place the appliance into a cool, well ventilated and dry room.
- Do not locate the appliance in direct sunlight, or in a room with a high temperature, in the vicinity of any sources of direct heat, such as heating, an oven, a stove, etc. – this would mean that the compressor would need to work a lot harder resulting a substantially higher power consumption level.

If it is not possible to prevent the installation in the vicinity of a heat source, we recommend the insertion of an appropriate insulating board (do not use asbestos) between the appliance and the heat source; or at least to maintain the following minimum distances:

- from a gas or electric stove 5 cm;
- from a heater or oven, etc. 50 cm;
- from another cooling appliance 2 cm.

Do not place any appliances on the appliance, which release heat on to the appliance, such as microwave ovens, toasters, etc.

Never cover the ventilation grill. Pull out the power plug by pulling on the plug itself, never pull on the cord when disconnecting the appliance.



Before turning on the appliance allow it to stand in its final location for 12 hours, the coolant circuit will stabilise in this way and no operating problems will occur. Before connecting the appliance to the power grid check that it is perfectly dry inside – especially in the corners.

Danger warning

The coolant may be highly flammable, depending on its composition. The coolant circuit was hermetically closed and sealed and was tested many times for possible leaks. Any unqualified tampering with the product may cause a fire hazard. Check that there is no mechanical interruption or effect on the coolant circulation, namely in the accessible parts around the compressor.

Only professionally qualified persons may work on the cooling system.

Cleaning before use

Check that you have removed from the appliance all adhesive tape used to hold accessories. Then clean all the inside parts using lukewarm water with a neutral cleaning agent, vinegar or sodium carbonate – in this way you will remove the characteristic odour of new parts – then dry carefully. Do not use detergents or aggressive agents, which could damage the surfaces.

Electrical connection

Before connecting the power plug to the power socket, check that:

- your hands are completely dry;
- the voltage and frequency shown on the rating label of the appliance corresponds to that in the home power grid (permitted tolerance from -6% to +6% for nominal voltage. For use with different voltages, use a voltage changer with the corresponding parameters);
- the cord and the plug are not damaged or caught under heavy objects;
- the power cord is not excessively tensioned, it is not permitted to use an extension cord.



Do not connect the appliance to a voltage rectifier (e.g. solar power plant) or use an extension cord.



The appliance must be connected to a working grounding lead.

If the power socket of the home system is not grounded in accordance with valid legal regulations, connect the appliance after consulting a specialised technician to the grounding lead itself. The manufacturer takes no responsibility for injuries caused as a result of not following these instructions.



If you do not correctly level the refrigerator during the installation, the doors may not close shut and seal properly, which may cause problems with the cooling, ice build up or moisture. Levelling the refrigerator is very important.

Level the refrigerator using the feet – turn them clockwise to lift the refrigerator and turn them anticlockwise to lower the refrigerator.

Procedure for switching the door opening direction

You can switch the door opening direction of your refrigerator. For this purpose contact your nearest authorised service centre.

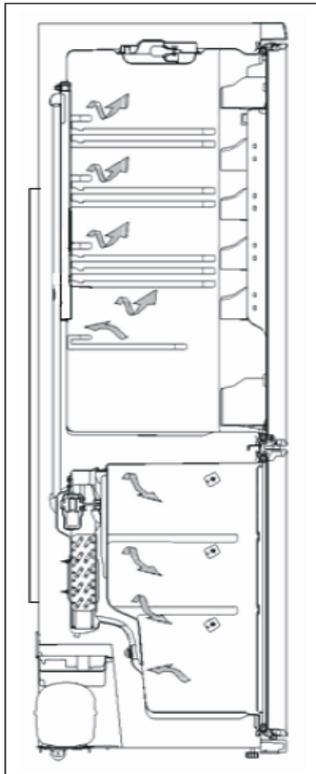
No-Frost Technology

Refrigerators equipped with No-Frost technology differ from other refrigerators by the principle of their operation.

With standard refrigerators moisture entering the refrigerator when the door is open and the moisture contained in food cause frost to form inside the freezer. To remove the frost and ice deposits inside the freezer you need to regularly turn off the freezer, then transfer the frozen food to a cooling box and remove the ice accumulated inside.

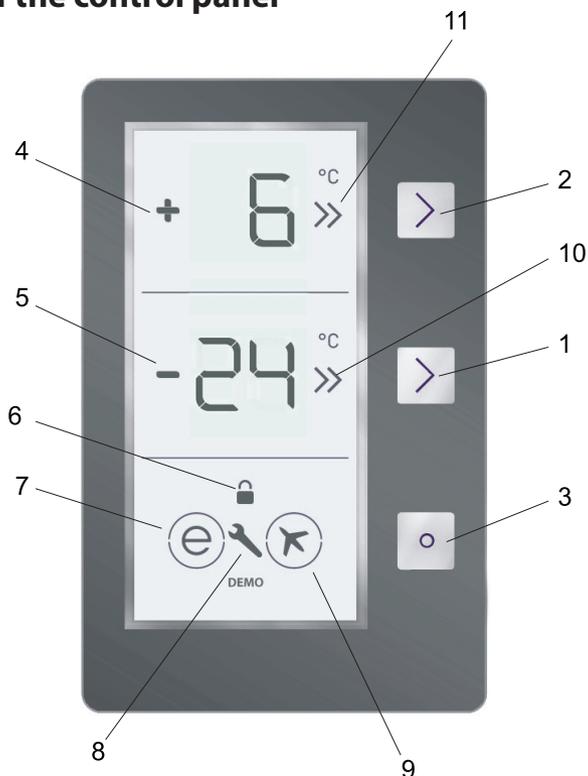
With the No-Frost technology the situation is quite different. Fans blow dry and cold air evenly into the refrigerator and freezer. The cold air is evenly dispersed between the shelves, cooling all stored food with the same intensity and at the same time preventing humidity and the formation of frost.

So that is why your refrigerator not only offers a large capacity and stylish appearance but also easy operation.



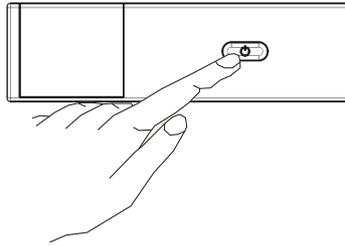
PART 4: DISPLAY AND CONTROL PANEL

Operation of the control panel



1. It is used to adjust the set temperature level of the freezer and depending on need to activate the super freezing mode. The freezer can be set to the following temperatures: -16, -18, -20, -22, -24 °C, SF (super freezing).
2. It is used to adjust the set temperature level of the refrigerator and depending on need to activate the super cooling mode. The refrigerator can be set to the following temperatures: 8, 6, 5, 4, 2 °C, SF (super cooling).
3. It permits modes (economy, holiday) so that they can be activated when required.
4. Display of the set value for the refrigerator
5. Display of the set value for the freezer
6. Child safety lock symbol
7. Economy mode symbol
8. Alarm symbol
9. Holiday mode symbol
10. Super freezing indicator
11. Super cooling indicator

Operation of the refrigerator



On/Off button (turning on/off)

When this button is pressed the power supply is disconnected from the refrigerator.

After the refrigerator is connected to the electrical power grid, it turns on all symbols for 2 seconds and shows the default values for the temperature level set for the freezer at -18°C and the temperature level set for the refrigerator at $+4^{\circ}\text{C}$.

All the buttons on the control panel are touch buttons. (To activate a button it is enough to simply touch it.)

Super freezing mode



Setting up:

- Press the freezing temperature setting button until the symbol SF (super freezing) appears on the display. A sound will be heard 2-times. The super freezing mode will be set.
- In the freezing temperature setting part "SF" will be shown.

In this mode:

- It is possible to set the temperature for cooling and to permit the super cooling mode. In this case the super freezing mode will remain set.
- It is not possible to select the economy or holiday mode.
- The super freezing mode can be cancelled in the same way as it was set up.

Super cooling mode



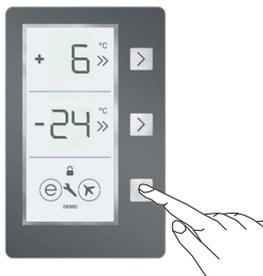
Setting up:

- Press the cooling temperature setting button until the symbol SC (super cooling) appears on the display. A sound will be heard 2-times. The super cooling mode will be set.
- In the cooling temperature setting part "SC" will be shown.

In this mode:

- It is possible to set the temperature for freezing and to permit the super freezing mode. In this case the super cooling mode will remain set.
- It is not possible to select the economy or holiday mode.
- The super cooling mode can be cancelled in the same way as it was set up.

Economy mode



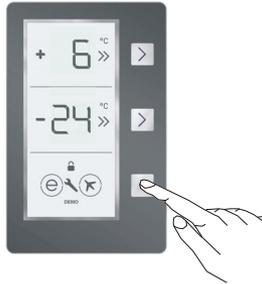
Setting up:

- Press the "mode selection button" until a circle appears around the economy operation symbol.
- If no other button is pressed within 1 minute then this mode will be set. The ring will flash 3-times. When this mode is set a sound signal will be heard 2 times.
- In the cooling and freezing temperature setting part the "E" symbol will be shown.
- The circle around the economy mode symbol and the E symbol will be on until the end of this mode.

In this mode:

- It is possible to adjust the freezing temperature. After the economy mode has finished the selected values will remain set.
- It is possible to adjust the cooling temperature. After the economy mode has finished the selected values will remain set.
- It is possible to select the super freezing and super cooling mode. The economy mode will be automatically deactivated and the selected mode will be activated.
- The holiday mode can be set after the economy mode has ended. Then the selected mode is activated.
- You end the set mode by simply pressing the mode selection button.

Holiday mode



Setting up:

- Press the "mode selection button" until an air plane appears around the economy operation symbol.
- If no other button is pressed within 1 minute then this mode will be set. The ring will flash 3-times. When this mode is set a sound signal will be heard 2 times.
- In the freezing temperature setting part "H" will be shown.
- The circle around the air plane symbol and the H symbol will be on until the end of this mode.

In this mode:

- It is possible to adjust the freezing temperature. After the holiday mode has finished the selected values will remain set.
- It is possible to adjust the cooling temperature. After the holiday mode has finished the selected values will remain set.
- It is possible to select the super freezing and super cooling mode. The holiday mode will be automatically deactivated and the selected mode will be activated.
- The economy mode can be set after the holiday mode has ended. Then the selected mode is activated.
- You end the set mode by simply pressing the mode selection button.

Drink cooling mode

When is it used?

This mode is used to cool drinks in the required time.

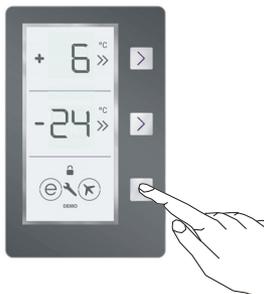


Setting up:

- Press the freezing button for 3 seconds.
- The letters dc will appear on the freezing display and on the cooling display the numbers 05 will flash.
- Press the cooling button to set the required time (05 - 10 - 15 - 20 - 25 - 30 minutes).
- After selecting the time the time value will flash 3 times and a sound will be made twice.

- If you do not press any button within 2 seconds, the entered time will be set.
- The entered time will start to countdown in one minute intervals.
- The display will show the remaining time.
- This mode can be ended by holding down the freezing button for 3 seconds.

Display screensaver



Setting up:

- This mode can be activated by holding down the mode setting button for 5 seconds.
- If you do not press any button within 5 seconds of activating the mode, the control panel will turn off.
- If the control panel backlight is not on and you press any button, the display will show the selected setting and you can perform any necessary setting adjustments. If you do not end the display screensaver mode or press any button within 5 seconds, the control panel will turn off again.
- The screensaver mode can be ended by again holding down the mode setting button for 5 seconds.
- If the screensaver mode is active, you can also activate the child safety lock.
- If after activating the child safety lock you do not press any button within 5 seconds, the control panel backlight will turn off again. In such a case you can view the selected settings or check whether the child safety lock is activated by pressing any button. You may deactivate the child safety lock according to the instructions for this mode.

Turned off light mode

When is it used?

- If you wish to turn off the lighting inside the refrigerator you can set this mode.
- Press and hold down the freezing, cooling and mode selection buttons at the same time and at the same time 3 times open and close one of the doors. This will set this mode. Now the lighting will not be turned on until this mode is ended in the same way as it was set.
- End this mode in the same way as it was activated, or it will be automatically terminated after 24 hours.

Economy lighting

This mode is used to save energy.

The lighting inside your refrigerator will not turn on in places where there is sufficient visibility.

Child Safety Lock

When is it used?

There is a child safety lock for preventing children from playing with the refrigerator settings and changing them.

Activation of the child safety lock

Hold down the cooling and freezing buttons at the same time for 5 seconds.

Deactivation of the child safety lock

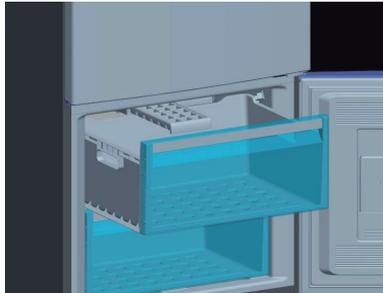
Hold down the cooling and freezing buttons at the same time for 5 seconds.

NOTE:

The child safety lock will also be deactivated by a power outage or if you disconnect the refrigerator from the electricity grid.

Accessories

Ice maker



- If you wish to remove the ice maker, pull out the top freezer drawer as far as possible and then pull the ice maker out.
- Pour water into the ice maker up to the 3/4 mark and then return it to the freezer.

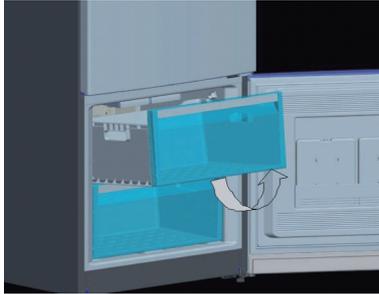
NOTE:

Hold the ice maker in a horizontal position when inserting it. Otherwise water may run out.

Refrigerator drawer

The freezer drawer gives better access to stored food.

Taking out the freezer drawer

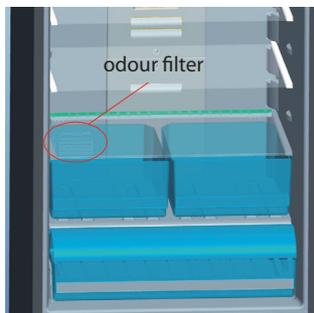


- Pull the drawer out as far as possible
 - Pull the front part of the drawer upwards and out.
- Reinserting the drawer is done in reverse order.

NOTE:

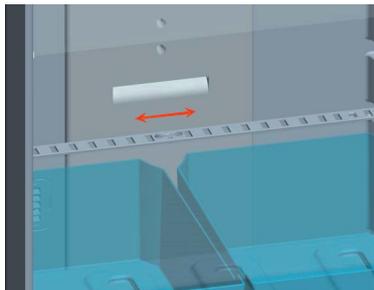
When pulling out the drawer always hold it by the handle.

Odour filter



The filter installed in this location protects the refrigerator against odours.

Freshness regulator



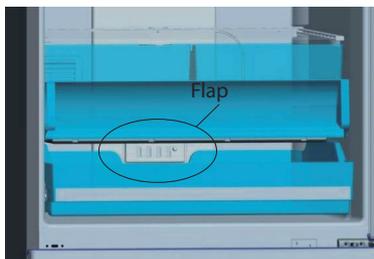
If the vegetable compartment is completely full then the freshness regulator should be open. This regulator will provide controlled air circulation and maintain the humidity ratio in the vegetable compartment. This will increase the lifetime of the stored food.

If condensate appears on the glass shelf, then this flap, which is located behind the shelf, must be open.

Drawer with roller wheels

You can use this part in 3 different configurations.

1. Use as a drawer with 0°C: If you wish to use this drawer as a compartment with a temperature of 0°C, you must move the sliding part (cover, which is shown in the picture) from the closed to the open position and at the same time set the refrigerator temperature to 2°C.
2. Use as a drawer for vegetables: If you wish to use this drawer as a drawer for vegetables, you must move the sliding part (cover, which is shown in the picture) from the open to the closed position.



3. Use as a cooling compartment: If you wish to use this drawer as a cooling compartment, you must move the sliding part (cover, which is shown in the picture) from the closed to the open position and at the same time set the refrigerator temperature to 4°C or 5°C. This will set the temperature inside the compartment to be 1-2°C cooler than the temperature inside the refrigerator.

If this drawer is used as a compartment with a temperature of 0°C for storing food inside this compartment instead of the freezer or the refrigerator, it makes it possible to maintain freshness and taste for longer while ensuring the food continues to look fresh. If the compartment becomes dusty, take it out and rinse with water.

(Water freezes at 0°C, but food containing salt or sugar freezes at a lower temperature). This compartment is usually used for storing raw fish, slightly marinated, rice, etc.

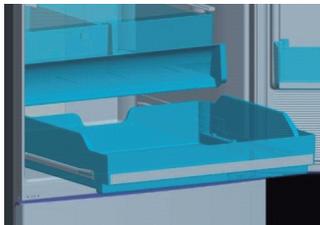
Pull the cooling shelf towards yourself, the cover will open automatically.

NOTE:

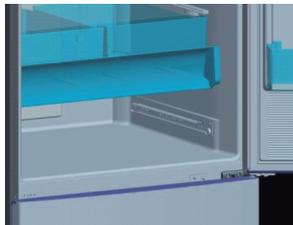
Do not permit a frost layer to form on food or dishes inserted inside.



Picture. 1.



Picture. 2.



Picture. 3.

Taking out the cooling shelf

- Fully open the cover. (Picture-1)
- Slide the cooling shelf towards yourself. (Picture-2)
- Lift the wheels of the cooling shelf from the rails upwards, so that you can remove the shelf. (Picture-3)

PART 5: SETTING THE TEMPERATURE

The temperature needs to be set based on:

- temperature in the room where the appliance is located;
- amount of food stored;
- number of times the appliance is opened.

Setting the freezer temperature



The default value of the freezer temperature indicator is -18°C.

- Press the freezer button once.
- If you press this button once, the last set value will start to flash on the display.
- Every time this button is pressed the set temperature will be lowered.
- (-16°C, -18°C, -20°C, -22°C, -24°C, super freezing)
- If by pressing the freezer button you set super freezing, the respective symbol will appear on the freezer temperature indicator and if you do not press any button within 1 second, the SF symbol (super freezing) will stay on permanently.
- If you press this button again, the set temperature value will again start from -16°C.
- The temperature that is set before the activation of the holiday, super freezing, super cooling or economy mode, will remain at the same level after the mode has finished or been cancelled. The refrigerator will continue to run at this temperature level.

Warnings related to setting temperatures

- If there is an electrical power outage the entered settings will not be cancelled.
- For reasons of efficiency of your refrigerator, we do not recommend its use in an environment with temperatures below 10 °C.
- The temperature setting should correspond to how often the door is open and the amount of food stored inside the refrigerator.
- Do not go to a different setting before completing the settings.
- After connecting to a power source leave the refrigerator permanently on depending on the ambient temperature for at least 24 hours so that it can fully cool down to the temperature you set on the thermostat. Do not open the door of your refrigerator too often during this time and do not insert too much food.
- The refrigerator is equipped with a 5 minute delay function, which protects the compressor against damage, for the situation where it is disconnected from the power source or there is an electrical power outage. The refrigerator will again start to work normally after 5 minutes.

- Your refrigerator is designed to be used in the temperature range as described by standards, according to the climatic class noted on the rating label. With respect to cooling efficiency we do not recommend operating the refrigerator outside the specified temperature ranges, see table on page 7.

NOTE:

If the ambient temperature is higher than 38°C, it will not be possible to set the freezer temperature to values -22°C and -24°C. It can only be set to temperatures of -16°C, -18°C, -20°C.

Setting the cooling temperature



- The default value of the refrigerator temperature indicator is +4 °C.
- Press the cooling button once.
- If you press this button once, the last set value will start to flash on the indicator of the set temperature.
- Every time this button is pressed the set temperature will be lowered (+8°C, +6°C, +5°C, +4°C, +2°C, super cooling).
- If by pressing the cooling button you set super cooling, the respective symbol will appear on the cooling temperature indicator and if you do not press any button within 1 second, the SC symbol (super cooling) will stay on permanently.
- If you press this button again, the set temperature value will again start from +8°C.
- The temperature that is set before the activation of the holiday, super freezing, super cooling or economy mode, will remain at the same level after the mode has finished or been cancelled. The refrigerator will continue to run at this temperature level.

PART 6: ARRANGEMENT OF FOOD

Advice about refrigerating food

- Food products, which are susceptible to the absorption of odours or that release odours must always be stored in closed boxes or in appropriate packaging.
- Fruit, vegetables and salad products can be stored unpacked in the vegetable drawers.
- Appropriate wrapping materials for foods are plastic wrap, aluminium foil, glass jars.
- The products should not touch the back wall, otherwise they may freeze on.
- Always allow hot dishes to cool down before placing them into the refrigerator.
- Open the door only for a short time so that the inside area of the fridge is not heated. This saves energy.
- Never store explosive materials or products with flammable compressed gasses (e.g. whipped cream sprayers with pressurised capsules/cartridges, spray cans) – **DANGER OF EXPLOSION!**
- Do not place oils intended for the preparation of meals into the removable drawers in the refrigerator door. This may cause cracks caused by the pressure in the plastic on the door.
- Alcoholic beverages must always be stored in the cold zone, in a vertical position and firmly and safely closed.
- Some recommendations relating to the placement and storage of food in your refrigerator are noted below

Table - Storing food in the refrigerator

Food	Storage time	Location
Vegetables and fruit	1 week	In the vegetable compartment (not stored in packaging)
Meat and fish	2 to 3 days	Wrapped in plastic foil and in bags or in the meat compartment (on the glass shelf)
Fresh cheese	3 to 4 days	In the shelf on the door
Butter and margarine	1 week	In the shelf on the door
Bottles, milk and yoghurt	Until the expiry date marked by the manufacturer	In the shelf on the door
Eggs	1 month	In the egg holder
Cooked meals		All shelves

NOTE:

Do not store potatoes, onions or garlic in the refrigerator.

Advice about freezing food

Use the freezer for long-term storage of frozen food and to make ice.

If you want a freezer with the maximum freezing capacity:

- place the food you wish to freeze into the bottom freezer drawer, careful not to exceed the maximum freezing capacity of your freezer;
- if you are using the super freezing mode, you must not place already frozen food near fresh food, which you wish to freeze;

Then again allow the "Super freezing" mode. After it is frozen, you may place the food next to already frozen food (min. 24 hours after the 2nd activation of the super freezing mode).

- Do not place food intended for freezing next to already frozen food.
- Food intended for freezing (meat, minced meat, fish, etc.) should be frozen separated into portions so that later it is easy to consume.
- Do not refreeze food that has thawed. It could present a danger to your health because it could lead to problems such as food poisoning.
- Do not place hot meals into the freezer until they cool down. This could ruin the food that is already frozen in the freezer.
- When purchasing frozen food check that it has been frozen in appropriate conditions and that its packaging has not been compromised.
- When storing frozen food you should follow the storage conditions on the packaging. If none are available, consume the food as soon as possible.
- Transport frozen food without damaging it and place it inside the freezer as soon as possible. Do not use the shelves in the door for super freezing.
- If the food packaging is wet and the food has an unpleasant smell, it has probably been stored in inappropriate conditions and is spoiled. Do not buy such food!
- The storage period of frozen food varies depending on the temperature in the environment, the number of times the door is opened, the thermostat setting, type of food and the time that has passed since it was placed into the freezer. Always follow the instructions on the packaging and never exceed the stated storage time / expiry date.
- If you keep the freezer door open for a longer period of time or if you forget to close it, frost will form on the inside walls of the freezer. This may hamper air circulation. To prevent this situation occurring, disconnect the refrigerator from the electrical power socket and wait until it defrosts. You must clean the freezer after the frost melts away.

If you wish to increase the available space inside the freezer, take out the drawers, covers, etc. The declared volume on the label corresponds to use without drawers, covers, etc.

Ice bag

If there is an electrical power outage or another defect occurs an ice bag can be used to slow down the melting process. You will achieve the longest storage time by placing the ice bag directly on the food in the top section. To save space the ice bag can be placed in the door area.

An ice bag can also be used to temporarily cool down food, for example in a cooling bag.

Some recommendations relating to the placement and storage of food in your freezer are noted on pages 26 and 27.

Placing fresh food into a freezer

Ensure that the freezer is clean as the freezing process itself does not sterilise food. We recommend freezing food in the original packaging, or in various containers suitable for freezing or in special freezer bags. Never place hot or warm dishes into the freezer. Allow dishes to fully cool down before placing them into the freezer, wrap them in a plastic bag, aluminium foil or put them in a jar. Check the label on the freezer, to check how many kilos of fresh food (at a room temperature of 25°C) the freezer is able to freeze in 24 hours. Never insert more food than the permitted amount.



Never place bottles with fizzy drinks into the freezer nor any other bottles.

For better freezing results give the food sufficient room for air circulation.



- Do not store cans and bottles with beverages containing carbon dioxide in the freezer. The contents expand during the freezing process, which may rip the bottle or can apart. Risk of injury and damage!
- Consume ice cream only several minutes after removing it from the freezer – you will avoid injury to your lips and tongue. Do not touch the inside of the freezer if you have wet hands.

Important information

- Place only properly wrapped deep frozen food into the freezer.
- When storing deep frozen food intended for immediate consumption, note the expiry date marked by the manufacturer.
- Remember that only quality fresh food is suitable for freezing.
- Freeze fresh food in appropriately sized portions.
- Ensure that you use an appropriate wrapping material (plastic wrap, aluminium foil, freezing bays).
- Push all air out of the packages.
- To close the packages use rubber bands, plastic clips, tie wire or adhesive tape resistant to cold.
- Plastic bags and tubes can also be closed using a food sealing appliance.
- On the closed package write down the contents, weight and date of freezing.
- Before placing plastic bags into the freezer check that they are dry so as to prevent them from freezing to each other.
- To prevent partial defrosting, place the food that is to be frozen in such a way that it is not touching the already frozen food.
- Do not refreeze fully or partially defrosted food apart from the case where it has been processed into a food prepared for consumption (cooked or fried/baked).
- Do not consume food that has been stored for a period longer than its expiry date. You may cause yourself food poisoning.

Chart on storing food in the freezer

Food	Storage method	Zone	Durability
Storing frozen food, ice cubes and ice creams	Original packaging, well sealed	Top part of the freezer	Depends on expiry date
Frozen food: meat and fish	Original packaging, well sealed. Food containers suitable for low temperatures, hermetically sealed.	Best in the bottom part of the freezer	Beef: 12 months Pork: 12 months Minced pork: 6 months Rabbit meat: 6 months Veal: 9 months Mutton: 9 months Poultry: 6 months Fish: 6 months
Frozen food: Pasta dishes, fruit, vegetables, confectionery	Food containers suitable for low temperatures, hermetically sealed.	Top part of the freezer	6-12 months

NOTE:

After frozen food has defrosted, it should be prepared in the same way as fresh food. If after defrosting it you do not process it with heat, you must NEVER refreeze it.

Vegetables and fruit	Storage time (in months)	At room temperature – Defrosting time in hours
Beans	12	Can also be used frozen
Mushrooms and asparagus	6 - 9	Can also be used frozen
Cabbage	6 - 8	2
Eggplant	10 - 12	Separate into individual pieces
Corn	12	Can also be used frozen
Carrot	12	Can also be used frozen
Strawberries and blackberries	8 - 12	2
Plums, sour cherries, bitter fruits	8 - 12	5 - 7

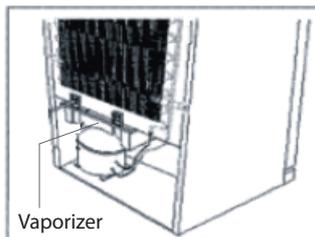
	Storage time (in months)	Defrosting time at room temperature in hours	Defrosting time in an oven (in minutes)
Bread	4 - 6	2 - 3	4 – 5 (220 - 225°C)
Biscuits	3 - 6	1 – 1.5	5 – 8 (190 - 200°C)
Pastry	1 - 3	2 - 3	5 – 10 (200 - 225°C)
Cake	1 – 1.5	3 - 4	5 – 8 (190 - 200°C)
Danish pastry	2 – 3	1 – 1.5	5 – 8 (190 - 200°C)
Pizza	2 - 3	2 - 4	15 - 20 (200°C)

The taste of some herbs/spices used in food preparation (aniseed, basil, peppergrass, vinegar, spice mixes, ginger, garlic, onion, nutmeg, thyme, marjoram, black pepper, etc.) changes and after longer storage their taste intensifies. For this reason only put a small amount of spices into frozen food and only add the required amount of spices after the food has defrosted.

Food storage time depends on the type of fat used. Suitable fats include margarine, veal fat, olive oil or butter, whereas peanut oil or pork lard are unsuitable.

Food that is in liquid form should be frozen in plastic containers and other foods should be stored in plastic bags or food-grade foil.

PART 7: DEFROSTING

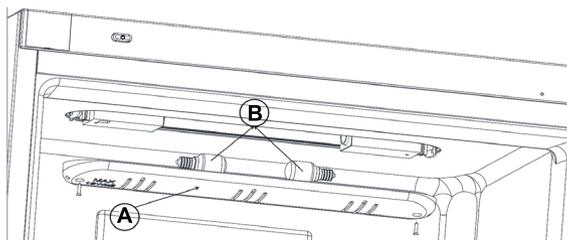


Your refrigerator defrosts automatically. Water accumulated as a result of defrosting flows out of the drain pipes to the vaporiser at the rear part of your refrigerator, where it is evaporated.

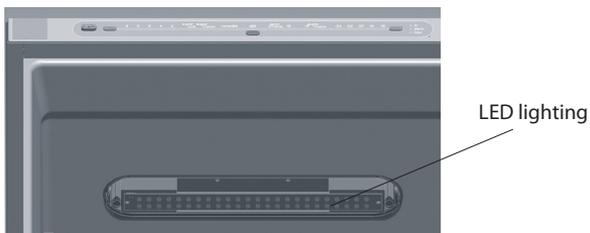
PART 8: CHANGING A LIGHT BULB

Changing the light bulb of the refrigerator lighting element (if lighting is performed by a lighting element with a light bulb)

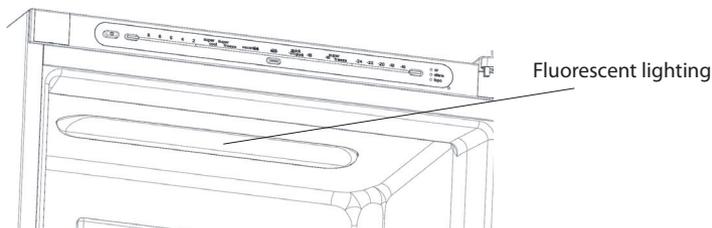
1. Disconnect the appliance from the power source.
2. Remove the screws on both sides of the refrigerator lighting element cover (A).
3. Replace the light bulb (B) with a new one (with a power output no greater than 15 W).
4. Reattach the lighting element cover and connect the refrigerator to the power source.



Changing the LED of the refrigerator lighting element (if lighting is performed by a LED diode lighting strip). Please contact a service technician.



Replacement of a fluorescent refrigerator light (if lighting is performed by fluorescent lighting) Please contact a service technician.



PART 9: REGULAR MAINTENANCE

Cleaning the refrigerator

Before commencing to clean the refrigerator disconnect it from the power source.

Use a clean sponge or a soft cloth and a gentle washing detergent dissolved in warm water. Do not use coarse or abrasive cleaning products.

Wash the refrigerator well and wipe dry.

Do not use cleaning waxes, concentrated cleaning agents, bleaches or cleaning products containing kerosene on the plastic or rubber parts.

Never use paper towels or window cleaners on the plastic parts.

Clean the inside of the appliance at regular intervals.

- We recommend that you clean the inside area of the refrigerator at least once per month and the freezer after each defrosting process.
- From both areas take out all the food and place it in a cool place.
- Remove all removable parts from the appliance.
- Various parts inside the refrigerator/freezer are generally not suitable for washing in a dishwasher. These parts should be washed in warm water with dish washing detergent. Never use an undiluted cleaning detergent and under no circumstances use abrasive or acidic, i.e. chemical cleaning agents. We recommend a general purpose detergent with a neutral pH.

The use of steam cleaning appliances is extremely dangerous and so is strictly forbidden.

- Wipe the inside area and the accessories with clean water and dry everything using a dry cloth. Then allow the appliance to ventilate for 3 – 4 minutes.
- Do not damage or remove the rating label on the rear side of the appliance – it is important for connection, repairs and subsequent disposal of the appliance.
- Ensure that water does not come into contact with parts inside the appliance that are under live electric current.
- Ensure that the water from the defrosting process can flow away freely in front of the drainage channel. From time to time clean out the drainage opening using a cotton bud.
- Cleaning water should not run through the drainage channel for defrosted water. This causes the evaporation bowl to overflow and cleaning water flows on to the floor.

Taking out of operation for an extended period

If you are not going to use the refrigerator for an extended period of time, do the following:

Disconnect the refrigerator from the power source by pulling it out of the power socket. Clean out the inside and dry it out as described in the part Cleaning the refrigerator. Leave the door open to prevent an unpleasant odour forming inside.



Please be aware:

Compressor

The compressor is controlled by the thermostat, which is set by the temperature dial, and turns itself on automatically when temperatures inside the appliance is exceeded and then turns itself off as soon as it again reaches this temperature. When any compressor – cooling system is turned on – noise can be heard. These sounds are made when the motor in the compressor is working and they are also made by the coolant circulating in the circuit of the cooling system. These noises are normal and do not indicate any malfunction in the operation of the appliance.

In unheated rooms or in cold weather conditions condensate may form on the exterior walls of the appliance. This does not indicate a malfunction and this condensate will disappear as soon as the temperature rises.

Contact the service department only when, after analysing all possible factors of the malfunction you cannot find any cause for the malfunction or you are unable to remedy the malfunction yourself. So, first focus on: "**What should I do when...**"

PART 10: ERROR MESSAGES

Error messages	Meaning	Reason	Remedy
SR	Failure/Warning	A certain part/parts are not working or the cooling process has failed.	Contact a service centre as soon as possible.
LF	The temperature of the freezer is not sufficiently low.	This warning appears especially after a long power outage.	<ol style="list-style-type: none"> 1. Do not refreeze food, which has defrosted, consume in a short time. 2. Set the freezer temperature to the lowest value or set to the super freezing mode until this part achieves the normal operating temperature. 3. Do not insert fresh food until this failure is repaired.
LC	The temperature of the refrigerator is not sufficiently low.	The ideal refrigerator temperature is +4°C. If you note this warning, your food will be in danger of spoiling.	<ol style="list-style-type: none"> 1. Set the refrigerator temperature to the lowest value or set to the super cooling mode until this part achieves the normal operating temperature. 2. Open the door as little as possible until this failure is repaired.
LF and LC	The temperature is not sufficiently low.	This is a combined LF and LC failure.	You may note this error message when the refrigerator is first turned on. The error message will disappear once normal temperatures are achieved.
HC	The refrigerator temperature is too low.	Due to the very low temperature the stored food is starting to freeze.	<ol style="list-style-type: none"> 1. Check that the "Super cooling" mode has not been activated. 2. Adjust the set cooling temperature value.
LOPO	Low voltage	If the supply voltage falls below 170V, the refrigerator will switch to steady-state operation.	In this case it is not a defect, this protects the compressor from damage. This error message will disappear after the voltage increases to the required level.

PART 11: WHAT SHOULD I DO WHEN...

If your refrigerator is not working.

- Has a power outage occurred?
- Is the power plug properly inserted into the power socket?
- Has the fuse of the socket to which the refrigerator is connected burned or has the circuit breaker been deactivated?
- Is the power socket in order? To check this, connect the refrigerator to a socket which you know works.

Control system warnings

If the temperatures set for the refrigerator and the freezer are not appropriately selected or there is a problem with the appliance, the appliance will inform you about it. Warning codes appear on the refrigerator and freezer temperature setting displays.

If the edges of the outer surface of the refrigerator are hot in the location of the door seals.

- Especially in the summer months (in hot weather) the outer surface of the refrigerator, which is in contact with the door seal may heat up when the compressor is running. This is completely normal.

If there is moisture on the internal part of the refrigerator.

- Is the food properly wrapped? Did you dry containers before placing them inside the refrigerator?

NOTE:

The noise of the coolant flowing in the circuit cannot be removed.

Under no circumstances is it possible to make technical type changes or attempts at repairs yourself.

Are you opening the refrigerator door too often? When the door is opened humidity contained in the room enters the refrigerator. Particularly when the humidity in the room is very high, the more often you open the door, the faster the moisture will form.

- After the automatic defrosting process it is normal for water drops to form on the rear wall (on static models).

If a door does not open and close properly.

- Is there any food packaging preventing the door from closing?
- Are the trays in the door, shelves and drawers properly located?
- Is the door seal damaged?
- Is the refrigerator standing on an even surface?

Important notes:

The compressor protection function is activated after a sudden electrical power outage or when the appliance is disconnected because the gas in the cooling circuit is not yet stabilised. Your refrigerator will turn on after 5 minutes, there is nothing to worry about.

If you are not going to use the refrigerator for a long time (e.g. during summer holidays), disconnect it from the power source. Clean out the refrigerator according to instructions in section 9 and leave the door open so that moisture and odours do not accumulate inside.

If the problem persists despite you having tried all the above mentioned recommendations, contact your nearest authorised service centre.

The appliance you have purchased is designed for household use and so it can only be used at home or for specified purposes. It is not suitable for commercial or public use. If the customer uses the appliance in a manner which is not in accordance with the specified purpose of the appliance, we stress that neither the manufacturer nor the vendor take any responsibility for any repairs and malfunctions during the warranty period.

PART 12: ENERGY SAVING TIPS

- Locate the refrigerator in a cool, well ventilated room, not in direct sunlight and not near sources of heat (heating elements, stoves, etc.). Otherwise use insulation boards.
- Allow warm food to cool down before placing it inside.
- Defrost frozen foods by placing them in the cooling part. While the frozen food is defrosting its low temperature will help to cool the cooling part of the appliance. And in this way help to save energy. If frozen food is taken out without first being placed in the cooling part, then this is wasting of energy.
- Drinks and liquid food must be sealed before being placed inside the refrigerator. Otherwise the humidity inside the refrigerator will increase. And this will extend the cooling time. Sealing drinks and liquid food will also help to preserve their taste and aroma.
- When inserting drinks and food open the door for the shortest possible time.
- Keep the covers of all thermally separated parts of the refrigerator closed (vegetable compartment, cooling container, etc.).
- The door seal must be clean and in contact. If it is worn out, replace it.

PART 13: RATING LABEL/TECHNICAL SPECIFICATIONS

The rating label with all the technical specifications is located on the side of the inside wall or on the rear side of the appliance.

Technical specifications

Model	PX 4551 / PX 4551i
Climatic class	T/SN
Net volume	455 l
Operating voltage	220 – 240 V ~ 50 Hz
Maximum power (W)	201 W
Power consumption	1.13 kWh / 24 h
Freezing capacity	14 kg / 24 h
Noise level (dB)	44 dB
Dimensions h x w x d (cm)	187.5 x 70 x 73.5 cm
Weight	104 kg

NOTE:

All the here mentioned data is subject to change.

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.



This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.