

## **KTK1-122 - KTK2-222**



**700900 - 700901**

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## Original instruction manual

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**Read these instruction manual before using the appliance and keep it available at all times!**

This instruction manual contains information about installation, operation and maintenance of the appliance and constitutes an important source of information and reference guide. The knowledge of all operational and safety instructions included in this manual is a prerequisite for safe and proper handling of the appliance.

Read this instruction manual before you use the appliance and particularly before you start the appliance to prevent injury or damage. Incorrect use may cause damage.

All important information contained in the operating instructions must be available to the appropriate staff at all time. The operator shall be responsible for their availability.

In addition to the operating instructions, you must comply with the general, legal and other applicable regulations for occupational safety and environmental protection.

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## 1 Safety

This appliance has been manufactured in accordance with technical standards currently in force. However, the appliance may be a source of hazards if used improperly or contrary to its intended purpose. All persons using the appliance must consider information included in this instruction manual and observe safety instructions.

### 1.1 Explanation of Signal Words

Important safety instructions and warning information are indicated in this instruction manual with appropriate signal words. You must strictly follow the instructions, to prevent accidents, personal injuries and property damages.



**DANGER!**

The signal word **DANGER** warns against hazards that lead to severe injuries or death if the hazards are not avoided.



### **WARNING!**

The signal word **WARNING** warns against hazards that may lead to moderate or severe injuries or death if the hazards are not avoided.



### **CAUTION!**

The signal word **CAUTION** warns against hazards that may lead to light or moderate injuries if the hazards are not avoided.

### **IMPORTANT!**

The signal word **IMPORTANT** indicates possible property damages, which may occur if safety instructions are not observed.

### **NOTE!**

The symbol **NOTE** indicates subsequent information and guidelines for the user on usage of the appliance.

## 1.2 Safety instructions

### Electrical Current

- Too high a mains voltage or incorrect installation may cause electric shock.
- The appliance may be connected only if data on the rating plate correspond with the mains voltage.
- To avoid short-circuit, the appliance should be kept dry.
- If there are malfunctions during operation, disconnect the appliance from the power supply.
- Do not touch the appliance's plug with wet hands.
- Never take hold of the appliance if it has fallen into water. Immediately disconnect the appliance from the power supply.
- Any repairs or housing opening may be carried out by professionals and relevant workshops only.
- Do not transport the appliance, holding it by the power cord.
- Do not allow the power cord to come into contact with heat sources or sharp edges.
- Do not bend, pinch nor knot the power cord.

- Always completely unwind the power cord.
- Never place the appliance or other objects on the power cord.
- Always take hold of the plug to disconnect the appliance from the power supply.
- Check the power cord regularly for damage. Do not use the appliance if the power cord is damaged. If this cable is damaged, it must be replaced by customer service or a qualified electrician in order to avoid dangers.

### **Fire hazard / flammable materials hazard / explosion hazard!**

- Do not use any electric devices in the appliance.
- Do not store nor use petrol or other flammable liquids and gases in the vicinity of this or any other appliance. Those gases may cause fire or explosion hazard.
- Do not put into the appliance any explosive materials, like sprays filled with flammable propellants. Contents of containers filled with flammable gases and liquids may leak in low temperatures, and the contents may catch fire from sparks generated by an electric appliance. Explosion hazard!
- In the case of coolant leakage, pull the plug from the socket. Remove all sources of ignition in the vicinity, ventilate room and contact technical service. Avoid coolant getting in contact with eyes, as it may cause serious eye damage.
- Never use any flammable liquids for cleaning the appliance or its parts. Gases released may cause fire or explosion hazard.
- In the case of fire, disconnect the appliance from the power supply before attempting adequate fire-extinguishing actions.
- Never attempt to extinguish fire with water if the appliance is connected to the power supply. Following extinction of fire, ensure sufficient fresh air inflow.
- Defrosting process may not be sped up with mechanical means or heat energy sources (candles or heaters) nor with any other means. Vapour produced may cause short-circuit and too high temperatures may damage the appliance.
- All ventilation slots should not be obstructed during operation.
- Never attempt to damage cooling installation of the appliance.

### Operator's responsibility

The operator is responsible for complying with the currently applicable laws, regulations, ordinances and existing national regulations on accident prevention, environmental protection, as well as the internal operation, operating and safety instructions that apply at the respective installation site.

Obligations of the operator:

- Operate the appliance and its components only in a technical condition that does not raise any objections, with functional protective and safety elements.
- Prepare risk assessment at work positions.
- Provide instruction and regular staff training. Pay special attention to and observe the section concerning safety and any safety hints.
- Provide suitable personal protective equipment (PPE)
- Observe the intervals of maintenance and cleaning.
- Document training/instructions, replacement of components.

### Operating personnel

- This appliance is not intended to be used by persons (including children) with limited physical, sensory or mental capabilities, nor by persons with limited experience and/or limited knowledge.
- Children should be supervised to ensure that they are not playing with or switching the appliance on.

### Improper Use

- Unintended or prohibited use may cause damage to the appliance.
- The appliance may only be used when its technical condition is flawless and allows for safe operation.
- The appliance may only be used when all connections are executed according to rules of law in force.
- The appliance may only be used when it is clean.
- Use only original spare parts. Never attempt to repair the appliance on your own.
- Do not introduce any changes in the appliance nor modify it.
  
- Do not drill hole in the appliance nor install any objects on it.
- Do not place any heavy objects on the appliance.
  
- Do not use any electric appliances inside the cooling compartment, unless they are of the type approved by the manufacturer.

## 1.3 Intended Use

This appliance is only intended for use described in the operating instructions, with the supplied and approved components.

Any other use is considered against the intended purpose. The manufacturer shall not be liable for any damage due to unintended use. In such cases the responsible party shall only be the user/operator.

The following is an intended purpose:

- Cooling, freezing and storing suitable food products and food preparation.

The appliance is intended for operation in maximum ambient temperature of 25°C and relative humidity of 60%.

## 1.4 Unintended Use

An unintended use may lead to personal injuries or property damages caused by hazardous voltage, fire or high temperature. The appliance may only be used to perform tasks described in this instruction manual.

The following is an unintended use:

- Storing flammable or explosive objects and liquids, such as ether, petroleum or adhesives;
- Storing explosive materials, like sprays filled with flammable propellants;
- Storing pharmaceutical products or preserved blood;
- Storing live pets.

## 2 General information

### 2.1 Liability and Warranty

The appliance was built in accordance with the current state of the art and recognized technical safety principles. Nevertheless, during its use, there may be a threat to the health and life of the user or bystanders, or the danger of damage to the device or other assets. Warranty and liability claims for personal injury/property damage as well as defects at work are excluded if they can be attributed to one or more of the following causes:

- Use against the intended purpose
- Failure to follow/disregard the instructions and all related information
- Unauthorized structural or technical changes to the device
- Engaging insufficiently trained and insufficiently qualified personnel
- Operation with defective or incorrectly installed safety and protective devices
- Inadequate maintenance or cleaning
- Faults not fixed
- Use of prohibited media, cleaning agents, etc.
- Use of unauthorised spare parts
- Errors in operation or other misuse
- Disasters caused by foreign objects or force majeure
- Destruction of the type plate and stickers relevant for operation and safety

The warranty period for this appliance is 24 months, counted from the purchase date.

### 2.2 Copyright Protection

This instruction manual, and texts, drawings and images included in it, as well as its other components are copyright protected. It is prohibited to reproduce this instruction manual (including its excerpts), in any form and by any means, and to use and/or transfer its content to third parties without manufacturer's written permission. Violation of the above results in obligation to pay compensation. We reserve the right to claim further damages.

### 2.3 Declaration of Conformity

The appliance meets the currently applicable standards and guidelines of the European Union. We confirm the above in the EC Declaration of Conformity. We may provide relevant Declaration of Conformity upon request.

### 3 Transport, Packaging and Storage

#### 3.1 Delivery Check

Immediately upon reception, check the delivery for completeness and possible shipping damage. In the case of visible transport damage refuse to accept the appliance or accept it conditionally. Mark and note the scope of damage in shipping documents/consignment list of the shipping company and lodge a complaint. Concealed damage must be reported immediately upon its discovery, as compensation claims may only be filed within applicable time limits.

If you find that parts or accessories missing, please contact our Customer Service Department.

#### 3.2 Packaging

Do not dispose of the appliance cardboard box. It may be used to store the appliance when relocating or when shipping the appliance to our service point in the case of any damages.

The packaging and its elements are made of recyclable materials. Particularly, these are: plastic films and bags, cardboard box.

When disposing of the packaging, observe applicable domestic regulations. Recyclable packaging materials should be recycled.

#### 3.3 Storage

Leave the packaging closed until installation of the appliance; observe external indications concerning method of placing and storage. Store the packaging in the following conditions only:

- in closed rooms;
- in dry and dust-free surrounding;
- away from aggressive agents;
- in a location protected against sunlight;
- in a location protected against mechanical shocks.

In the case of extended storage (over three months), make sure you check the condition of the packaging and the parts regularly. If needed, replace the packaging with a new one.

## 4 Technical Data

### 4.1 Technical Specifications

#### Version / Characteristics: 700900 / 700901

- Colour: black
- Cooling: compressor, circulating air
- Thermostat
- Control: electronic
- Digital display
- ON/OFF switch
- Automatic defrost function
- Evaporation of condensed water
- Insulation: cyclopentane, 60 mm
- Type of shelves: grate, lacquered
- Height-adjustable shelves
- Door type: leaf door, glass
- Front pane: cased / framed
- Type of glazing: Double glazing
- Door hinge:
  - right-hand side (700900)
  - left-/right-hand side (700901)
- Door with no possibility for door hinge to be changed
- Key-locked (700901 only)
- Features:
  - fridge at the top | freezer at the bottom (700900)
  - fridge at the left-hand side | freezer at the right-hand side (700901)
  - 4 swivel castors, 2 with brakes
  - LED lighting, switched on separately

More information on the appliance is available in our website [www.bartscher.com](http://www.bartscher.com) or, pursuant to the Regulation (EU) 2019/2018, in our product data base at <https://energy-label.ec.europa.eu/>. Enter article number for a given model.

<b>Name:</b>	<b>Combination fridge/freezer KTK1-122</b>
<b>Art. No.:</b>	<b>700900</b>
<b>Material:</b>	steel sheet
<b>Inner material:</b>	plastic
<b>Volume, in l:</b>	-
<b>Usable volume, in l:</b>	430
<b>Fridge   freezer temperature range, min.–max., in °C:</b>	0 - 10   -18 – -22
<b>Temperature control fridge   freezer, in °C increments:</b>	0,1   1
<b>Ambient temperature, min.–max., in °C:</b>	16 - 25
<b>Energy efficiency class:</b>	C (EU Nr. 2019 / 2018)
<b>Coolant, amount in kg:</b>	R290 / 0,110
<b>Energy consumption, in kWh/year:</b>	3650
<b>Climate class:</b>	3
<b>Number of doors:</b>	2
<b>Number of shelves:</b>	4
<b>Shelf dimensions (W x D), in mm:</b>	565 x 475
<b>Distance between guide rail pairs, in mm:</b>	15
<b>Connected load:</b>	0,6 kW   220-240 V   50 Hz
<b>Dimensions (W x D x H), in mm:</b>	700 x 780 x 2000
<b>Weight, in kg:</b>	121,4

We reserve the right to implement technical modifications.

## Technical Data

<b>Name:</b>	<b>Combination fridge/freezer KTK2-222</b>
Art. No.:	<b>700901</b>
Material:	steel sheet
Inner material:	plastic
Volume, in l:	820
Usable volume, in l:	778
Fridge   freezer temperature range, min.–, max., in °C:	0 - 10   -18 – -22
Temperature control fridge   freezer, in °C increments:	0,1   1
Ambient temperature, min.– max., in °C:	16 - 25
Energy efficiency class:	D (EU Nr. 2019 / 2018)
Coolant, amount in kg:	R290 / 0,115+0,080
Energy consumption, in kWh/year:	6570
Climate class:	3
Number of doors:	2
Number of shelves:	8
Shelf dimensions (W x D), in mm:	500 x 485
Distance between guide rail pairs, in mm:	15
Connected load:	1 kW   220-240 V   50 Hz
Dimensions (W x D x H), in mm:	1220 x 800 x 2000
Weight, in kg:	201,0

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We reserve the right to implement technical modifications.

## 4.2 List of Components of the Appliance

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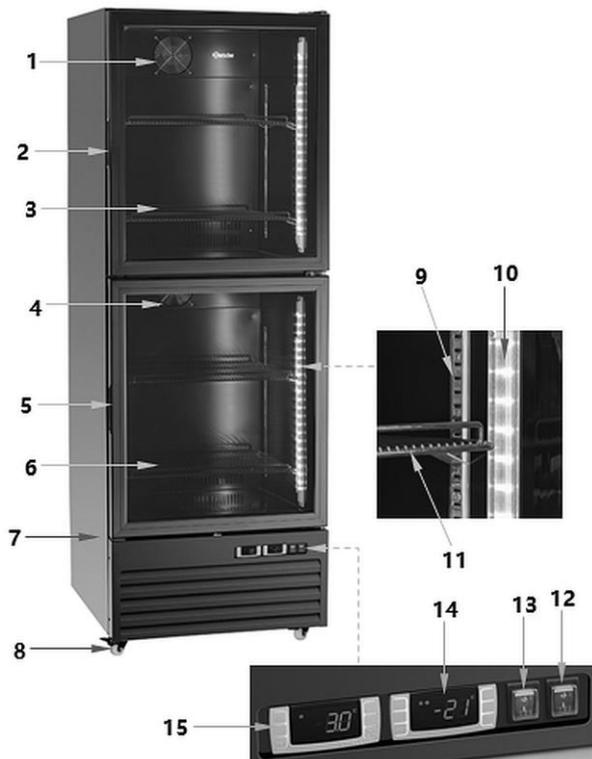
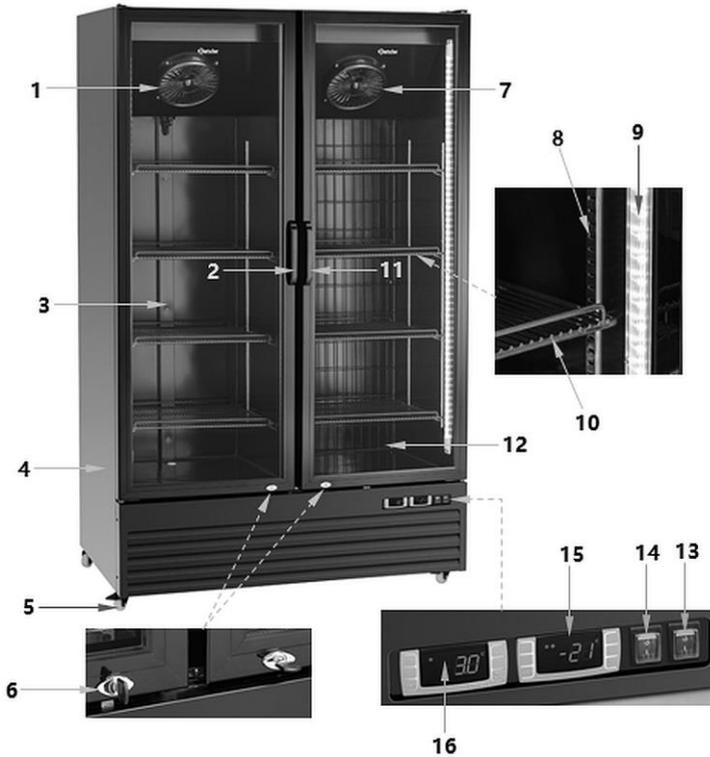


Fig. 1

- |   |  |
|---|--|
| 1. Fridge fan                             | 2. Fridge door with handle                 |
| 3. Fridge ventilation openings            | 4. Freezer fan                             |
| 5. Freezer door with handle               | 6. Freezer ventilation openings            |
| 7. Housing                                | 8. Swivel castors (4 pcs, 2 with brakes)   |
| 9. Guide rails (4 pairs)                  | 10. LED lighting                           |
| 11. Grate (2 pcs per cooling chamber)     | 12. ON/OFF switch                          |
| 13. LED lighting ON/OFF switch            | 14. Freezer digital temperature controller |
| 15. Fridge digital temperature controller |  |

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Fig. 2

- |  |   |
|--|---|
| 1. Fridge fan                              | 2. Fridge door handle                     |
| 3. Fridge door                             | 4. Housing                                |
| 5. Swivel castors (4 pcs, 2 with brakes)   | 6. Lock (2 pcs)                           |
| 7. Freezer fan                             | 8. Guide rails (4 pairs)                  |
| 9. LED lighting                            | 10. Grate (4 pcs per cooling chamber)     |
| 11. Freezer door handle                    | 12. Freezer door                          |
| 13. ON/OFF switch                          | 14. LED lighting ON/OFF switch            |
| 15. Freezer digital temperature controller | 16. Fridge digital temperature controller |

### 4.3 Functions of the Appliance

The appliance combines cooling and freezing functions, providing for rapid access to chilled or frozen products in small space.

The glass doors allow you to see the food inside, which is perfectly displayed thanks to the LED lighting that may be switched on and off.

## 5 Installation and operation

### 5.1 Installation

#### Unpacking / Positioning

- Remove the appliance from the packaging and discard all the packing materials, excluding the pallet.



#### CAUTION!

##### Choking hazard!

Prevent children from accessing packaging materials, for instance: plastic bags and EPS elements.

- To install the appliance, perform the following steps:
  - The appliance may only be transported to installation location in vertical position. In order to avoid damage to the compressor, do not tilt the appliance more than 45° when positioning or transporting it.
  - Lift the appliance with the lift truck and move it to the planned installation location. Be careful not to damage the appliance. Control the stability in order not to lose the balance of the appliance.
  - Do not drag nor push the appliance, as it may fall down. This may also cause the damage to external elements or swivel castors.
  - Remove the appliance from the pallet in the installation location and install it.
  - Attach swivel castors with brakes.
- If the appliance is covered with a protective film, remove it. Remove the film slowly, so no glue residues are left. Remove any glue residues with the use of a suitable solvent.
- Be careful not to damage the rating plate and warning labels affixed to the appliance.
- **Never** place the appliance in humid or wet environment.

## Installation and operation

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- Place the appliance in a way making the connections easily accessible, so that they may be quickly disconnected if such a need arises.
- The appliance should be placed on a surface that is:
  - even, with sufficient load-bearing capacity, resistant to water, dry and resistant to high temperatures;
  - sufficiently large, and thus enabling usage of the appliance with no problems;
  - easily accessible;
  - well ventilated.
- Do not place the appliance in direct sunlight or in the vicinity of heat sources (cooker, radiator, heating devices, etc.). Heat sources may negatively affect power consumption, and restrict functions of the appliance, too.
- Leave at least 10 cm clearance from flammable walls and items.

### **IMPORTANT!**

**The appliance is not suitable for built-in installation.**

## Power supply connection

- Verify if technical data of the appliance (see rating plate) correspond with the local electric power grid specification.
- Connect the appliance to a single, properly grounded mains socket with protective contact. Do not connect the appliance to a multi-socket.
- The power cord should be laid in a way preventing anyone from threading on it or tripping against it.
- If the appliance was stored or transported vertically, leave it standing horizontally for 12 hours before it is connected to electric power.
- Following an electric power outage, wait at least 3 minutes before reconnecting the appliance to prevent a damage to the compressor.

## 5.2 Operation

### Indications for User

- Place the shelves on the guide rails in a manner that is suitable for containers with food to make optimal use of the internal chamber.
- Food packed in containers should be arranged on the grates so that proper distances between them allow for sufficient air circulation inside the appliance. Insufficient clearance hinder the cooling effect.
- In order to reduce the loss of cool air from the cooling compartment, the door opening time should be as short as possible and the door should not be opened too frequently.
- If possible, in the event of a sudden power failure, avoid leaving door open in order to avoid loss of cool air from the cooling compartment.
- The power supply to the appliance should never be interrupted for more than 10 minutes.
- If the appliance is being switched off and will not be used for a longer period, clean it thoroughly according to instructions in section '**Cleaning**' and leave the appliance door open, to prevent formation of mould.

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### Storing food in the refrigerator

For your appliance to operate the best way, follow the indications below:

- When inserting the food products, pay attention to free air circulation inside the appliance.
- Food products or beverages should first be cooled to the suitable storage temperature.
- If the food products are not cooled sufficiently prior to storing, the operating efficiency of the appliance deteriorates and it may negatively influence the cooled food products. Thus, avoid storing food products in rooms that are not cool, for the cold might be lost when they are inserted in the refrigerator.
- The food products stored in the refrigerator should be packaged or covered.
- The food products with specific aromas, e.g.: fresh fish, foie gras, cheese, should be stored in properly closed containers.
- Do not store bananas in the refrigerator because they are sensitive to low temperatures.

### User instructions for freezing of food products in the deep freezer

- Deep-freeze only food products that are suitable to this end and withstand low temperatures well.
- Deep-freeze only fresh food products.
- A suitable packaging should be selected for each food product and the product should be packed well. The packaging must be air-tight and impervious to water, as this could cause the frozen product to dry. Plastic films and bags should be soft and smooth, so that they stick to the contents well.
- Never freeze again any thawed or partially thawed products. Such products should be processed and consumed within a maximum of 24 hours.
- Observe proper indications of the manufacturers as to the freezing of given food products.
- It is best to freeze products in small portions and thaw them one by one. This caters for fast and uniform freezing and thawing. Frozen product should be described with its name and the date of freezing.
- When freezing larger amounts of fresh food products, the temperature in the appliance may rise temporarily. This does not affect the already stored food products.
- Do not place bottles filled with liquids in the appliance. Freezing liquids increase their volumes and may cause bottles to crack.
- Avoid opening of doors during the freezing process.

### Storage of deep-frozen food products in the deep freezer

- Observe instructions for storage of food products indicated on their packages. If there are no indications, a food product should not remain in a frozen state for more than 3 months from the purchase date.
- The packages of food products frozen in the process of their manufacturing feature storage deadlines and temperatures. It is recommended to follow manufacturer's indications for storage and usage.
- Select only properly packed food products, provided with full data and store them in deep freezers in the temperature of  $-18^{\circ}\text{C}$  or below.
- When buying deep-frozen food products, transport them in suitable containers to avoid thawing and refreezing. As soon as possible, place such products in a deep freezer.
- Do not buy icy products, as icing denotes that they have already been partially thawed a couple of times.
- Protect food products against thawing and refreezing, as temperature rise shortens their storage period and deteriorates their quality.

- Partially or fully thawed food products should be immediately used. Low temperature preserves food products, but it does not eradicate micro-organisms. They reactivate at an accelerated pace and food products turn rapidly. Partial thawing reduces the nutritional value of food products, especially the nutritional value of fruits and vegetables, as well as ready-made meals.
- If the package is damaged or unnaturally bulged, it is likely that the food product has been stored improperly and that it is spoiled.

### Before First Use

1. Before use, clean the appliance observing instructions in section **6 'Cleaning'**.
2. Then dry the appliance thoroughly.
3. Close the appliance door.
4. Plug the appliance into a suitable single socket.
5. Switch the appliance on with the ON/OFF switch.

A red control light in the switch will light up.

Digital displays show current temperatures inside the appliance.

6. To set the temperature, follow indications provided in subsequent sections. Descriptions pertain to both digital temperature controllers of the appliance.

#### **NOTE!**

**The optimum temperature for cooling food is 6°C, and for freezing — -18°C. If the right temperature for storing food is not maintained, the food may turn.**

### Control elements and displayed messages



Button	Functions
SET	Showing the set value, selection of parameters in the programming mode or confirmation of the process
	Manual starting of the defrosting
	Selection of the parameter code in the programming mode, increase of the displayed value
 AUX	Selection of the parameter code in the programming mode, decrease of the displayed value

### LED indicators

The LED indicators in the digital display show the status of the active function:

LED	Status of the active function	Meaning
	illuminates	activated compressor
	flashes	in delay
	illuminates	defrosting in progress
	flashes	defrosting delay
	illuminates	fan activated
	flashes	delay after defrosting
	illuminates	degrees Celsius temperature unit indicator
	flashes	in the programming mode
	illuminates	degrees Fahrenheit temperature unit indicator
	flashes	in the programming mode

### Displaying the set value

1. Press the **SET** button shortly, to display the set value.
2. Press the **SET** button again or wait 5 seconds, to return to the previous message.

### Changing the set value (i.e. the required temperature)

1. Press the **SET** button and hold it pressed for at least 3 seconds.

The set value is displayed and the  or  LED indicator flashes on the digital display.

2. The value may be increased or decreased with  or  button until the digital display shows the required value.
3. Confirm the new value with the **SET** button or wait 10 seconds — then, the value will be stored automatically.

### Automatic defrosting

The appliance defrosts automatically 4 times over 24-hour period. The timer initiates with the first activation.

1. If there is a need for the change of automatic defrosting phases, press the  button and hold it for more than 2 seconds.

The digital display shows the  symbol.

The defrosting cycle is immediately initiated; in such a case, the subsequent defrosting cycle is executed after 6 hours.

### Manual defrosting

Additionally, aside of the automatic defrosting, manual defrosting may be activated any time.

1. Press the  button and hold it pressed for more than 2 seconds.

The manual defrosting is initiated.

The digital display shows the  symbol.

#### **NOTE!**

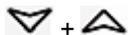
**Water generated during defrosting evaporates automatically.**

#### **NOTE!**

**Subsequent settings or parameter changes should be introduced by service personnel only.**

### Button combinations

Concurrent pressing of two buttons enable activation/deactivation of a number of functions.



#### Button locking or unlocking:

- to lock, press both buttons concurrently and hold them pressed for more than 3 seconds, until the digital display shows the "OFF" message
- to unlock, press these buttons and hold them pressed for more than 3 seconds, until the digital display shows the "ON" message



#### Moving to the programming mode:

- press both buttons concurrently and hold them pressed for more than 3 seconds; when the °C or °F LED indicators flash, subsequent settings may be introduced



#### Return to the previously displayed message:

- press these buttons, to leave the programming mode and return to the previously displayed message (value of temperature inside the appliance)

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### Switching LED Lighting ON/OFF

The appliance is equipped with LED lighting, which is arranged on the right-/left-hand side along the guide rails. The LED lighting may be switched on and off independently.

1. If needed, switch the LED lighting on, using the lighting ON/OFF switch (set it to 'I' position).

A green mains control light in the switch will light up.

2. In order to switch the LED lighting on, set the lighting ON/OFF switch to 'O' position.

### Switching Appliance OFF

1. If the appliance is no longer to be used or if it is to be cleaned, switch the ON/OFF switches to the 'O' position.
2. Disconnect the appliance from power supply (pull the plug out).

## 6 Cleaning and Maintenance

The operator must ensure that the device and its safety components are kept in good condition. Control and safety systems should be checked for their effectiveness.

Maintenance, cleaning and repairs must only be carried out by suitably trained and specialised personnel.

If the safety devices need to be removed for maintenance, cleaning and repair, they should be reinstalled immediately after completion and their function should be checked.

All maintenance and cleaning work must be carried out in accordance with the operating instructions at the specified intervals.

### 6.1 Safety Instructions for Cleaning

- Before cleaning, disconnect the appliance from the power supply.
- Leave the appliance to cool down completely.
- Make sure water does not enter the appliance. Do not immerse the appliance in water or other liquids during cleaning. Do not clean the appliance with a pressurized water jet.
- Do not use any sharp or pointed, nor metal implements (knife, fork, etc.). Sharp or pointed implements may damage the appliance, and when in contact with live parts, they may cause electric shock.
- For cleaning, do not use any scouring agents that contain solvents nor corrosive cleaning agents. They may damage the surface.

### 6.2 Cleaning

#### ATTENTION!

**Never use hot water to clean the appliance.**

1. Clean the appliance regularly, at least once a week, and after manual defrosting.
2. Remove all objects from the appliance and store them temporarily in a cool room.
3. Remove all shelves from the appliance.
4. Clean the shelves with a mild washing agent and a soft cloth or sponge in warm water.
5. Wipe thoroughly the guide rails, as well as inner and outer surfaces of the appliance with a soft, damp cloth. Use a mild cleaning agent when required.
6. Wipe the washed surfaces with a cloth soaked in fresh water.
7. Finally, dry thoroughly all washed surfaces.
8. The interior of the appliance should be wiped regularly (once a month) with a food-grade disinfectant.
9. Clean the appliance door and gasket/door seals of the appliance with a soft, damp cloth and a mild cleaning agent. To end with, dry the door and gasket/door seals thoroughly.
10. After cleaning, leave the appliance sliding door open for the appliance to dry completely.
11. If the appliance is not to be used for a longer period of time, clean it according to the instructions above. Leave the appliance open to prevent generation of unpleasant odours inside.

### 6.3 Maintenance

Regular maintenance is essential to maintain the best performance and ensure the safe operation of the appliance.

The following maintenance tasks can be done by the user:

- inspection of the general condition of the appliance;
- regular inspection of the power cord;
- daily visual inspection of safety components (e.g. correct operation of safety microswitches, if any);
- checking the integrity of safety labels and symbols, at least once a week. If they are illegible or have become detached, obtain a copy of the labels and symbols from the sales agent or a qualified technical service representative.

## Cleaning and Maintenance

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The following operations should be regularly performed by a qualified specialist:

- cleaning the condenser with suitable tools (vacuum cleaner or soft brush);
- checking of electrical connections;
- checking of the thermostat and the sensor;
- checking of door and door seal.

We recommend you to have the appliance serviced at least once a year; if needed, we recommend entering into a service agreement.

## Spare Parts

Spare parts for the purpose of repairing this appliance, as stipulated in Annex II to the REGULATION (EU) 2019/2018, are available for at least eight years, counted from the date of introduction of the last appliance of this model to market.

### 7 Possible Malfunctions

The table below contains descriptions of possible causes and solutions to malfunctions or errors during operation of the appliance. The works may only be performed by suitably qualified technical personnel.

When malfunction cannot be removed, contact the technical service. In such a case, provide article number, model and serial number. You will find this information on the rating plate.

Error	Possible Cause	Solution
No functions available	Plug improperly inserted into a socket.	Remove the plug and insert it properly in the socket
	Electric power supply safety fuse damaged	Check the fuse, connect the appliance to another socket
	No power supply	Check the electric power supply
Temperature inside the appliance is too high / too low	Condenser obstructed with dust	Contact the service company
	Icy evaporator	Defrost the appliance
	Direct sunlight or heat sources in immediate vicinity	Move the appliance away from heat sources
	Poor air circulation around the appliance	Keep sufficient clearance from walls or other objects
	Ambient temperature too high	Place the appliance in the right place
	Door is not closed properly or it has been opened for too long	Close the door tightly; limit the door opening time to minimum
	Damaged or deformed door seal	Contact the service company

## Possible Malfunctions

Error	Possible Cause	Solution
Temperature inside the appliance is too high / too low	Too little clearance between objects inside the appliance	Provide for sufficient clearance between objects inside the appliance
	Appliance is overloaded	Reduce the number of stored objects
	Incorrectly set temperature controller	Set the temperature control correctly
Noise level of the appliance rises	Appliance is not placed on an even surface	Place the appliance on an even surface
	Loose nuts/screws	Tighten nuts/screws
	Appliance touches walls or other objects	Keep sufficient clearance from walls or other objects
	Objects in the appliance in contact with each other	Provide for sufficient clearance between objects
Water leak	Appliance is not placed on an even surface	Place the appliance on an even surface
	Clogged condensed water drain opening	Clear the condensed water drain opening
	Condensed water drip tray damaged (if applicable)	Contact the service company
	Condensed water overflows the drip tray (if applicable)	Empty the condensed water drip tray regularly

### The following phenomena are not malfunctions:

Various sounds that are generated by the appliance during operation are a normal phenomenon and do not indicate any malfunctions.

- Splashing, bubbling and hums are generated by the coolant that circulates the system.
- Short, louder whirring/hooting or clicking sounds may be heard when the compressor of the appliance starts for the pre-set temperature of the appliance internal chamber be restored.

## 8 Disposal

### Electrical Appliance

	<p>Electric appliances are marked with this symbol. Electrical appliances must be disposed of and recycled in a correct and environmentally friendly manner. You must not dispose of electric appliances with household waste. Disconnect the appliance from the power supply and remove power cord from the appliance.</p>
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Electrical appliances should be returned to designated collection points.

### Coolant

The propellant used in the appliance is flammable. It should be utilised pursuant to national regulations in force.