

4x6,5L-F



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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

- The appliance may only be operated by qualified personnel and trained specialist personnel.
- This appliance may not be operated 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 on the appliance.

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

- Storing ice cream for on-going preparation of desserts in professional kitchens.

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:

- prolonged storage of ice cream;
- 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

Name:	Ice cabinet 4x6,5L-F
Art. No.:	700248
Material:	stainless steel glass
Max. volume, in l:	26
Max. capacity:	6.5-litre ice cream containers
Max. container depth, in mm:	150
Temperature range, min.– max., in °C:	-18 – -25
Climate class:	4
Coolant, amount in kg:	R290 / 0,050
Energy efficiency class:	B (EU Nr. 2019 / 2018)
Energy consumption, in kWh/year:	1739
Connected load:	0,21 kW 220-240 V 50 Hz
Dimensions (W x D x H), in mm:	865 x 730 x 380
Weight, in kg:	41,0

We reserve the right to implement technical modifications.

Version / Characteristics

- Colour: grey | silver
- Designed for use in gastronomy
- Type of glazing: double glazing, safe glass
- Temperature control: thermostatic, electronic
- Automatic defrost function: no
- Control: key
- Digital display
- ON/OFF switch
- Indicator light: ON/OFF
- Front glass: flat
- Door type: lifting door
- Door position: top side
- Door hinge: top
- Internal lighting: LED
- The set includes: 4 ice cube containers, each with a capacity of 5 litres, W 360 x D 165 x H 115 mm, stainless steel

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More information on the appliance is available in our website 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.

4.2 Functions of the Appliance

With 4 removable ice cream containers for storing ice cream specialities, the cabinet gives you the opportunity to prepare ice cream desserts in a small space in any kitchen. Flat lifting glass doors with LED lighting allow a quick overview of chilled ice cream delicacies.

4.3 List of Components of the Appliance



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The delivery does not include decorations!

Fig. 1

- | | |
|-----------------------------------|---------------------------------|
| 1. Lifting door with glass window | 2. Lifting door handle |
| 3. Lid damper (2 pcs) | 4. Cooling compartment |
| 5. Display surface | 6. Foot (4 pcs) |
| 7. Ventilation openings | 8. ON/OFF switch |
| 9. Digital temperature controller | 10. Power cord |
| 11. Housing | 12. Ice cream container (4 pcs) |

5 Installation and operation

5.1 Installation

Unpacking / Positioning

- Unpack the appliance, remove all external and internal packaging elements and shipment safeguards.



CAUTION!

Choking hazard!

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

- 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.
- Place the appliance in a way making the connections easily accessible, so that they may be quickly disconnected if such a need arises.
- When selecting the installation site, please consider the following items:
 - The mounting surface must be even, sufficiently load-bearing, waterproof, dry and resistant to high temperatures.
 - Make sure that the designated escape routes are clear.
 - Ensure a stable position.
 - Allow sufficient space for work, maintenance and cleaning.
 - Leave the supply and exhaust air vents, if any, free.
 - Comply with applicable technical and building regulations.
- Do not place the appliance in direct sunlight or in the vicinity of heat sources (cooker, radiator, heating devices, etc.). Heat sources may pose negative effect in terms of power consumption and lead to restrictions in operation of the appliance.
- Place the appliance so that sufficient air circulation is ensured. Leave 10 cm clearance from walls and other objects.
- The appliance may be installed only in rooms, in which ambient temperature does not exceed 30°C.

Installation and operation

- In order to avoid compressor's damage, do not tilt the appliance more than 45° when positioning or transporting it.
- If the appliance is to be relocated, follow the instructions below:
 - switch the appliance off;
 - remove the plug from the socket;
 - take out contents of the appliance;
 - use a tape to stick up all loose elements inside the appliance and the door;
 - the appliance may only be transported in upright position.

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.
- Prior to first use, the appliance should be installed and left standing upright for at least 2 hours, before it is connected to power supply.
- After a power failure or when the plug is removed from the socket, do not reconnect the appliance to power supply for at least 5 minutes.

5.2 Operation

Appliance Preparation

1. Clean the appliance and ice cream containers of the appliance before the first use following instructions included in section 6 'Cleaning'.
2. To end with, dry the appliance and accessories thoroughly.
3. Place ice cream containers in the ice cabinet.
4. Close the appliance lifting door.
5. Plug the appliance into a suitable single socket.
6. Switch the appliance on with the ON/OFF switch at the operator's side of the appliance, by setting it to 'I' position.

The digital display shows current temperature inside the appliance.

7. The appliance will be cooled down to the factory pre-set temperature.

- Ice cream should be placed in the appliance only when it reaches the right temperature.
- If needed, the temperature may be altered with digital temperature controller keys.

Digital temperature control / button functions



- LCD cooling indicator
- LCD defrosting indicator
- Lighting / defrosting button
- SET function button
- Digital display
- Temperature decrease button
- Temperature increase button

LCD indicators



LCD cooling indicator

This indicator is lit over cooling process; it remains off as long as the cooling temperature remains at constant level, and blinks during switch on delay.



LCD defrosting indicator

This indicator is lit over defrosting process; goes off when the defrosting process is completed, and flashes during defrost delay.

Setting the Selected Temperature (Set Value)

You may set the temperature in the range of -18°C and -25°C.

To set or change the selected temperature value:

- press **SET** key shortly; the set value will start to flash immediately;
- use  or  keys to increase or decrease temperature value;
- use **SET** key to confirm the set temperature value.

If no key is pressed within the following 10 seconds, the digital display will show current temperature inside the appliance.

NOTE!

If additional parameter settings are to be changed, contact technical service.

Manual Starting / Stopping of Defrosting Cycle

If the cooling power drops, start the defrosting manually.

1. Press the  key and hold it pressed for 6 seconds.

The defrosting cycle starts immediately and the  defrosting indicator is lit.

2. Press the  key to stop the defrosting mode.

Switching Internal LED Lighting ON/OFF

The appliance is equipped with interior LED lighting. If required, this can be switched on/off using the digital temperature controller.

1. Press the  key to switch the interior lighting on.
2. Press the  key again to switch the interior lighting off.

Resetting Digital Temperature Controller

When the message 'Disorder' appears in the digital temperature controller display, proceed as follows:

1. Press the  key and hold it pressed for 2 seconds, until the buzzer sounds.
2. Then press the  key quickly for 6 seconds until the buzzer sounds again.

The digital display blinks for 3 seconds and the temperature controller is reset to the factory settings.

Storing Ice Cream

The temperature of the appliance may be set within the range of -18°C – -25°C .

The optimum temperature setting for a temporary ice cream storage is in the range of -10°C – -15°C . Ice cream should be served and consumed in a relative short time.

CAUTION!

If the ice cream storage temperature will not be kept, they may perish.

Removing and Serving Ice Cream

1. To remove ice cream, open the ice cabinet.
2. Take out ice cream, as needed.
3. Close the lifting door of the ice cabinet.
4. Serve ice cream specialities or ice cream desserts.

Indications for Users

- To limit the loss of temperature in the appliance, reduce the lifting door opening time to the minimum.
- Do not open the appliance lifting door too often.
- Lifting door with LED lighting allow a quick overview of chilled ice cream specialities. This helps to avoid loss of temperature when checking the filling level when opening.
- In the event of a sudden power failure, avoid opening the lifting door in order to avoid loss of cool air.
- Make sure that ventilation openings inside the appliance are not obstructed.
- If the appliance is switched off for an extended period of time, take out ice cream containers with ice cream, clean the appliance and leave the lifting door open so that the appliance can dry completely.

Switching Appliance OFF

5. If the appliance is not to be used any longer, defrosted nor cleaned, switch the ON/OFF switch to the 'O' position.
6. 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

1. Clean the appliance regularly.
2. Open the lifting door.
3. Remove ice cream container from the appliance and store them in the mean time in a freezing drawer or in a freezer.
4. Wash the ice cabinet and lifting door from the inside with warm water, using soft cloth and a mild washing agent.
5. Wipe cleaned surfaces with a cloth soaked in fresh water.
6. Wipe the appliance housing, the display surface and the lifting door from the outside with a soft and damp cloth.
7. Finally, dry all cleaned surfaces thoroughly.
8. Leave the appliance lifting door open for the appliance to dry completely.
9. Clean the used ice cream containers thoroughly in warm running water with a mild cleaning agent.
10. Rinse ice cream containers thoroughly with fresh water and dry afterwards.

NOTE!

Ice cream containers and the ice cabinet should be cleaned regularly from inside with a food-grade cleaning disinfectant.

6.3 Maintenance

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

The following maintenance processes should be carried out regularly by the **operating personnel**:

- inspection of the general condition of the appliance;
- inspection of the electrical power cord;
- 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.

The following maintenance works should be carried out regularly by **qualified service technicians**:

- checking of electrical connections;
- checking of correct operation of temperature sensor and temperature controller.

Possible Malfunctions

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

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.

Malfunction	Possible Cause	Solution
No cooling	The plug is not properly connected to a socket	Remove the plug and insert it properly in a socket
	Electric power supply safety fuse damaged	Check the fuse, connect the appliance to another socket and check it
	No power supply	Check the electric power supply
Insufficient cooling efficiency	Direct sunlight or heat sources in immediate vicinity	Move the appliance away from heat sources
	Poor air circulation around the appliance	Ensure sufficient clearance from walls or other objects
	The lifting door is not entirely closed or is kept open for too long	Close the lifting door and open it for as short a period as possible
	Deformed or damaged lifting door seal	Contact the service company
Appliance operates loudly	Appliance is not placed on an even surface	Place the appliance on an even surface
	Appliance touches walls or other objects	Ensure sufficient clearance from walls or other objects

The following phenomena are not malfunctions:

- During normal operation, a sound of water flowing is heard. This is a sound of coolant flowing through the installation.
- Water vapour condensation on glass lid in high air humidity conditions is a normal occurrence. Wipe the water vapour out with a soft, dry cloth.

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.

8 Disposal

Electrical Appliance



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.

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.