

2x5L-F - 3x5L-F



700940 - 700941

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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.

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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.
- Ensure that no liquids come into contact with the device's connectors or the mains plug. Moisture can lead to electrical hazards or damage to the device.
- Always disconnect the device from the mains supply before carrying out any installation or dismantling work, cleaning, maintenance, or if the device is not going to be used for an extended period. To do this, pull the mains plug fully out of the socket.
- 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,

Safety

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.

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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.

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.

The appliance is intended for operation in maximum ambient temperature of 40°C and relative humidity of 55%.

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:

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- 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

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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.

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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 2x5L-F
Art. No.:	700940
Material:	steel plastic
Number of GN containers:	2 x 1/3 GN containers 5 litres or 4 x 1/6 GN containers 2.5 litres or 2 ice cream containers à 5 litres
Max. container depth, in mm:	150
Volume, in l:	10
Temperature range, min.–max., in °C:	-15 °C – -18 °C
Amount of coolant, in kg:	R600a / 0,022
Climate class:	4
Energy efficiency class:	A (EU Nr. 2019 / 2018)
Energy consumption, in kWh/year:	537
Connected load:	0,184 kW 220-240 V 50 Hz
Dimensions (W x D x H), in mm:	475 x 730 x 355
Weight, in kg:	25,0

We reserve the right to implement technical modifications.

Name:	Ice cabinet 3x5L-F
Art. No.:	700941
Material:	steel plastic
Number of GN containers:	3 x 1/3 GN containers 5 litres or 6 x 1/6 GN containers 2.5 litres or 3 ice cream containers à 5 litres
Max. container depth, in mm:	150
Volume, in l:	15
Temperature range, min.–max., in °C:	-15 °C – -18 °C
Amount of coolant, in kg:	R600a / 0,024
Climate class:	4
Energy efficiency class:	A (EU Nr. 2019 / 2018)
Energy consumption, in kWh/year:	637
Connected load:	0,184 kW 220-240 V 50 Hz
Dimensions (W x D x H), in mm:	650 x 725 x 360
Weight, in kg:	29,8

We reserve the right to implement technical modifications.

Version / Characteristics

- Colour: white
- Front pane: flat
- Type of glazing: double glazing
- Safety glass: yes
- Temperature control: electronic
- Cooling: static
- Automatic defrosting function: no
- ON/OFF switch: no
- Internal lighting: LED
- Door type: lifting door
- Door position: top side
- Door hinge side: top
- Digital display: yes
- Control: electronic
- The set includes: support for GN containers
- **Note: Delivery without GN containers!**

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4.2 Functions of the Appliance

The ice cream cabinet is a solution for optimum storage of self-made ice cream desserts at the right temperature for the desired period of time. The lowered containers minimise the formation of ice on surfaces.

4.3 List of Components of the Appliance

700940



Fig. 1

- | | |
|-------------------------|-----------------------------------|
| 1. GN container bracket | 2. Cooling compartment |
| 3. Shelf with a grate | 4. Digital temperature controller |
| 5. Ventilation openings | 6. Glass pane door handle |
| 7. LED lighting | 8. Housing |
| 9. Glass pane door | |

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Fig. 2

- | | |
|-------------------------|-----------------------------------|
| 1. GN container bracket | 2. Cooling compartment |
| 3. Shelf with a grate | 4. Digital temperature controller |
| 5. Ventilation openings | 6. Glass pane door handle |
| 7. LED lighting | 8. Housing |
| 9. Glass pane door | |

5 Installation and operation

5.1 Installation



CAUTION!

Incorrect installation, positioning, operation, maintenance or misuse of the appliance may lead to personal injury or property damage.

Positioning and installation, as well as repairs may be performed by authorised technical service only and in compliance with the applicable national law.

NOTE!

The manufacturer disclaims all liability and provides no warranty for damages, which may be attributed to non-observance of regulations or incorrect installation.

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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.

Installation and operation

- 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.
- Maintain sufficient clearance from table edges. The appliance might turn over and fall down.
- 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.
- 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

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1. Prior to first operation, clean the appliance inside and outside, as well as the glass pane door and the GN container bracket according to instructions in section **6 'Cleaning'**.
2. Finally, thoroughly dry the cleaned surfaces and elements.
3. Place the support in the cooling compartment of the appliance.
4. Tightly close the appliance lid.
5. Plug the appliance into a suitable single socket.
6. Switch the appliance on according to instructions in section 'Switching the Appliance ON/OFF'.

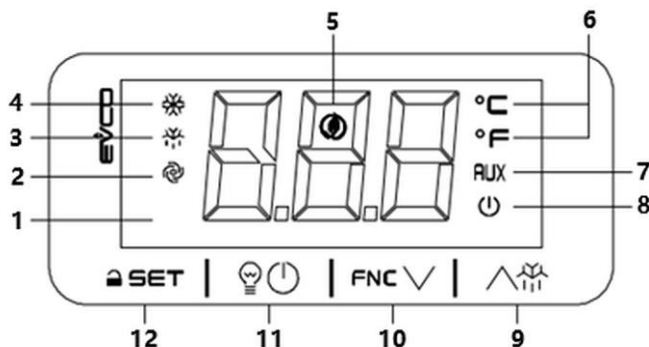
The digital display shows current temperature inside the appliance.

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

7. Ice cream should be placed in the appliance only when it reaches the right temperature.
8. If needed, the temperature may be altered with digital temperature controller keys. Follow indications in subsequent sections of the instruction.

Digital Temperature Controller

Functions of Operating Elements and Displays



1.		Digital Display
2.		Fan LED indicator LED on: fan activated LED blinks: evaporator fan is disconnected
3.		Defrosting process LED indicator LED on: defrosting in progress LED blinks: – defrosting was requested, but compressor protection has tripped – dripping is in progress – defrosting was requested, but compressor is in minimum start-up mode
4.		Compressor LED indicator LED on: compressor off LED blinks: – setting the parameters of cooling mode in progress – compressor fuse tripped

5.		Energy-saving mode LED indicator LED and digital display are on: the energy-saving mode is activated LED and digital display are off: the appliance is in 'sleep' mode Press the key to activate the display
6.		LED indicator of Celsius scale LED on: the temperature measurement unit are degrees Celsius
		LED indicator of Fahrenheit scale LED on: the temperature measurement unit are degrees Fahrenheit
7.		LED AUX LED on: – alarm is activated – interior lighting is in manual mode LED blinks: when the door switch is pressed, the lighting is switched on
8.		LED ON/Standby indicator LED on: Appliance is switched off (Standby)
9.		Setting value increase key — manual defrosting
10.		Activate / Deactivate key Reduce setting values
11.		Interior lighting key ON/Standby
12.		Locking key Programming key

General Information

The appliance may feature the following status:

- **ON:** The appliance is connected to the power supply and switched on with the ON/OFF key of the digital temperature controller.
- **Standby:** The appliance is connected to the power supply, but the very appliance is switched off by the software; the temperature regulator is switched off.
- **OFF:** The appliance is not connected to the power supply.

Switching the Appliance ON/OFF

1. Plug the appliance into a suitable single socket.
2. Make sure that the digital temperature controller keys are not blocked and there are no on-going processes (defrosting, cooling, etc.).
3. Press and hold the   key for 4 seconds.

The  LED flashes and the appliance is switched on or off.

Digital Display

When the appliance is switched on, in normal operation the digital display of the appliance shows P5 parameter, except for defrosting, when the temperature set by d6 parameter is displayed. The LED indicator lights can be switched on.

When the appliance is switched off, no values appear on the digital display.

The  LED indicator light is on.

When the appliance is in 'sleep mode', the digital display is off and the  LED indicator light is on.

Indicator Light of the Temperature Measured by Probes

1. Make sure that the keys are not blocked and there is no process in progress.

2. Press and hold the **FNC**  key for 4 seconds.

The digital display shows the first available value.

3. Press the  or **FNC**  key to set the time.

4. Press the **SET**  key and release it again.

The table below shows the assignment of a value and the displayed temperature.

Value	Displayed temperature
Pb1	Room temperature
Pb2	When the P4 parameter is set to 1 or 2, the evaporator temperature is displayed When the P4 parameter is set to 3, the condenser temperature is displayed

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To end the procedure:

5. Press the **SET**  key briefly or refrain from inputting any data for 60 seconds.

6. Press the   key and release it again.

If there is no second analogue input (i.e. if the P4 parameter is set to 0), the '**Pb2**' value is not displayed.

Manual Defrosting Activation

1. Make sure that the keys are not blocked and there is no process in progress.

2. Press and hold the  key for 4 seconds.

The defrosting is activated immediately.

The  LED indicator light starts to illuminate and remains on as long as the defrost process is in progress.

If the compressor probe acts as a defrost probe (the P4 parameter is set to 1) and the compressor temperature at the time of defrost activation is higher than the temperature set by the d2 parameter, defrost will not be activated.

Internal lighting in manual ON/OFF modes

1. Make sure that the keys are not blocked and there is no process in progress. The u2 parameter is displayed.

2. Press the   key briefly.

The **AUX** LED light switches ON/OFF.

Key Locking/Unlocking

Key Locking:

1. Make sure, there is no process in progress.
2. Do not enter any data for 30 seconds: the '**Loc**' indication will be shown in the digital display for 1 second and the keypad will be automatically locked.

When the keypad is locked, the following functions are not available:

- switching the appliance ON/OFF
- displaying the temperature measured by the probe
- activating the manual defrosting process
- setting the working temperature

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If you attempt to introduce these settings, there will be the '**Loc**' indication shown in the display for 1 second.

Key Unlocking:

3. Unlock the keys before you attempt to introduce the data.
4. To unlock the keys, press and hold one of the keys for 1 seconds.

The '**UnL**' indication will be shown in the display for 1 second.

Setting Set-Point Operation

1. Make sure that the keys are not blocked and there is no process in progress.

2. Press the  **SET** key briefly.

The  LED indicator light blinks.

3. Within 15 seconds, press the  or **FNC**  key briefly.

The digital display shows the parameters: r1 (min. temperature) and r2 (max. temperature).

4. To confirm, press the  **SET** key briefly or refrain from inputting any data for 15 seconds.

The  LED indicator light goes off and the appliance completes the settings.

5. Press the  key briefly to terminate the procedure early.

No changes will be saved.

Set-point operation can also be set with the SP parameter.

NOTE!

If additional parameter settings are necessary, contact technical service.

Alarms

Alarm Code	Description	Solution	Outcomes
AL	Minimum temperature alarm	Check the room temperature (A1 parameter)	The alarm output is activated
AH	Maximum temperature alarm	Check the room temperature (A4 parameter)	The alarm output is activated
id	Door micro-switch input alarm	Check what caused the input to be activated (i0 and i1 parameters)	The effect is set with the i0 parameter The alarm output is activated
iA	Multifunction input alarm or pressure switch alarm	Check what caused the input to be activated (i0 and i1 parameters)	The effect is set with the i0 parameter The alarm output is activated
COH	Overheated capacitor alarm	Check the capacitor temperature (C6 parameter)	The alarm output is activated

Alarm Code	Description	Solution	Outcomes
CSd	Compressor locked alarm	Check the capacitor temperature (C7 parameter)	Compressor shuts down
		Switch the appliance off and on again: if, when the appliance is switched on again, the capacitor temperature is still higher than the maximum temperature set by the C7 parameter, disconnect the power supply and clean the capacitor	The alarm output is activated
dFd	Defrosting terminated due to time limit exceeded alarm	Check the operation of the compressor probe (d2, d3 and d11 parameters)	Appliance is still operating correctly
		Press any key to return to normal display	

NOTE!

When the fault that triggered the alarm has been cleared, the appliance restarts its normal operation. The exception to this is the defrosting alarm due to a time-out (the 'dFd' alarm code). In this case, the key must be pressed.

Error Messages

Code	Description	Solution	Outcomes
Pr1	Room temperature probe error	Check whether it is a PTC or NTC type probe (P0 parameter)	Compressor behaviour depends on C4 and C5 parameters
		Check the probe connection to the appliance	Defrost never activates
		Check the room temperature (A4 parameter)	The alarm output is activated
Pr2	Compressor probe or capacitor probe error	As described above, applies to compressor or capacitor probe only	If the P4 parameter is set to 1, defrosting continues for the time set by the d3 parameter
			If the P4 parameter is set to 1 and the 8d parameter is set to 2 or 3, the appliance operates as if the d8 parameter was set to 0
			If the P4 parameter is set to 1 or 2, and the F0 parameter is set to 3 or 4, the appliance operates as if the P4 parameter was set to 2
			If the P4 parameter is set to 3, the superheated condenser alarm ('COH' code) never activates
			If the P4 parameter is set to 3, the locked compressor alarm ('CSd' code) never activates
			The alarm output is activated

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.

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6.2 Cleaning

1. Clean the appliance regularly.
2. Open the glass pane door.
3. Remove the GN containers with ice cream from the appliance and store them in the mean time in the freezer.
4. Pull out the GN container support.
5. Clean the GN container bracket thoroughly, using warm water and a soft cloth. Use a mild cleaning agent when required.
6. Clean the ice cabinet and the glass pane door from the inside with warm water, using a soft cloth and mild cleaning agent.
7. Wipe cleaned parts and surfaces with a cloth moistened in fresh water.
8. Wipe the appliance housing, the display surface with the grate and the glass pane door from the outside with a soft, damp cloth.

9. Finally, dry thoroughly all cleaned surfaces.
10. Leave the appliance door open for the appliance to dry completely.
11. Clean the used GN containers thoroughly under warm water with a mild detergent.
12. Rinse the containers thoroughly with fresh water and dry afterwards.

NOTE!

Clean the GN containers, the ice cabinet on the inside and the GN container support regularly with a food-grade disinfectant.

13. Check the ventilation openings of the appliance regularly; if necessary, clean them with a soft brush or a vacuum cleaner.

6.3 Maintenance

Let the appliance to be inspected by professional technician at least once a year or as required.

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Ensure that the capacitor fins (visible through the housing vents) are not clogged (e.g. with lint, dust).

It is very important for the correct operation of the housing and energy saving that the capacitor fins are clean.

Cleaning must be carried out by authorised and specialised personnel as follows:

- disconnect the plug from the socket;
- after removing the fixing screws, remove the protective grille and the housing cover;
- clean the capacitor with a brush, air jet or vacuum cleaner to avoid damage to the housing;
- re-fit the protective grate and cover with special fixing screws.

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.

Error	Possible Cause	Solution
Appliance not working (no operating noise)	Incorrectly connected plug	Remove the plug and insert it properly into a socket
	Defective mains fuse, socket outlet or mains plug	Check the fuse, socket, plug; check the appliance after plugging into another socket
	No power supply	Restore the electric power supply
Cooling temperature too high	Ambient temperature too high	Adjust ambient temperature
	Damaged thermostat	Contact the service company
	Minimum distance from wall not observed	Maintain minimum distance
	Ventilation openings clogged or obstructed	Keep ventilation openings free
	Contaminated condenser	Perform maintenance
	Excessive ice in the cooling compartment	Initiate defrosting process
	Insufficient refrigerant in the system	Contact the service company
Cooling temperature too low	Incorrect settings	Adjust the thermostat well
Lighting does not work	Lighting not on	Switch the lighting on
	Damaged bulb	Replace the bulb

Error	Possible Cause	Solution
Water condenses in the cooling compartment and on the glass cover	Extreme operating conditions (e.g., humidity >65%, very high ambient temperatures, direct sunlight or heat sources nearby)	Maintain correct ambient temperatures, ensure sufficient air circulation, do not expose the appliance to direct draughts
Water under and in front of the appliance	Incorrect defrosting or extreme operating conditions (e.g., humidity >65%, very high ambient temperatures) can lead to overflowing of the collection tray.	Ensure ambient conditions with the following values: T=0°C – +40°C and RH of 55%
		Remove the excess water. If water accumulates again within the next 48 hours, contact the service company
		Check fans and the condenser
Odour formation inside the appliance	Clogged air duct space	Perform cleaning
Lack of ventilation or defective fans	Thermostat / control unit out of order	Replace the thermostat and/or the defective ventilation probe

Possible Malfunctions

Error	Possible Cause	Solution
Compressor does not work or switches on only briefly	No power supply	Supply power
	Temperature set too high: if the set temperature is higher than the temperature in the cooling compartment, the compressor does not start	Set the correct temperature
	Capacitor is clogged	Clean the condenser
	Fan stalls	Contact the service company
	Ambient temperature too high	Ensure optimum ambient temperature
	Maximum pressure switch activated (if equipped)	Contact the service company

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.