

GL2-1800



110335

Bartscher GmbH
Franz-Kleine-Str. 28
D-33154 Salzkotten
Germany

Phone: +49 5258 971-0

Fax: +49 5258 971-120

Technical Support Hotline: +49 5258 971-197

www.bartscher.com



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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:

- Cooling food products in suitable GN containers.

The appliance is intended for operation in maximum ambient temperature of 32°C and relative humidity of 65%.

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

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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:	Cooling top unit SushiBar GL2-1800
Art. No.:	110335
Material:	plastic CNS 18/10 glas
Temperature range, min.–max., in °C:	2 - 7
Number of GN containers:	5 x 1/2 GN
Max. GN container depth, in mm:	40
Climate class:	4
Coolant, amount in kg:	R600a / 0,095 kg
Energy efficiency class:	C (EU Nr. 2019 / 2024)
Energy consumption, in kWh/year:	1075
Connected load:	0,18 kW 230 V 50 Hz
Dimensions (W x D x H), in mm:	1.800 x 425 x 295
Weight, in kg:	45,1

We reserve the right to implement technical modifications.

Version / Characteristics

- State at delivery: assembled for ready to use
- Version: glass enclosure
- Cooling: static
- Temperature control: digital
- Control: electronic, knob
- Digital display: yes
- Lighting: LED, may be switched separately
- ON/OFF switch: yes
- Automatic defrost function: yes
- Evaporation of condensed water: yes
- Front glass: rounded
- Safety glass: yes
- Type of glazing: single glazing
- Features:
 - rear side with sliding glass pane door
 - with additional top steam nozzle
- The set includes: 1 bar (length 325 mm, width 30 mm)
- The set does not include: GN containers

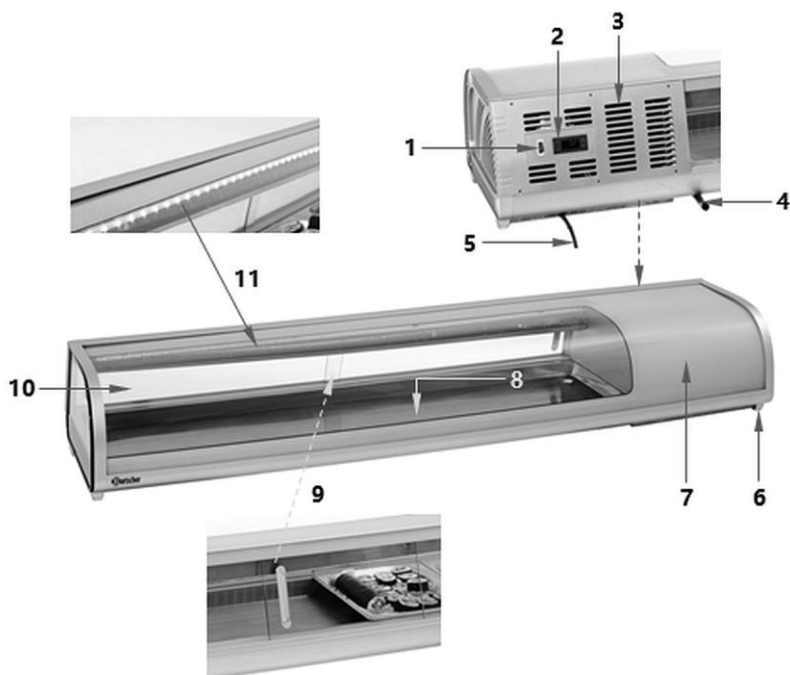
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More information on the appliance is available in our website www.bartscher.com or, pursuant to the Regulation (EU) 2019/2024, in our product data base at <https://energy-label.ec.europa.eu/>. Enter article number for a given model.

4.2 Functions of the Appliance

The cooling top unit SushiBar GL2-1800 is designed for optimum presentation of your food, such as sushi or tapas. Up to 5 GN 1/2 containers can be cooled and stored for a specific period of time in the cooling top unit.

4.3 List of Components of the Appliance



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Fig. 1

- | | |
|--|--|
| 1. ON/OFF switch with integrated power indicator light (red) | 2. Digital temperature controller |
| 3. Rear wall ventilation openings | 4. Drain hose |
| 5. Power cord | 6. Foot (4 pcs) |
| 7. Housing | 8. Cooling tray for GN containers |
| 9. Sliding glass pane door with handle (from service side) | 10. Rounded panoramic front glass pane |
| 11. LED lighting strip | |

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 negatively affect power consumption, and restrict functions of the appliance, too.
- Place the appliance so that sufficient air circulation is ensured. Do not obstruct nor cover ventilation openings of the appliance.
- Maintain minimum clearances of 10 cm at the sides and 30 cm from the ceiling or cabinets.
- At the service side, leave sufficient space for operating personnel.
- In order to avoid damage to the compressor, do not tilt the appliance more than 45° when positioning or transporting it.

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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

Indications for User

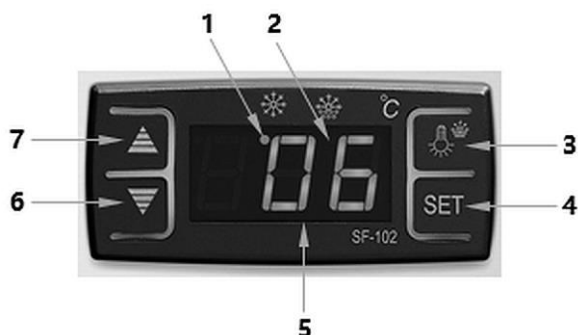
- Fill the cooling top unit only when the display shows that the required temperature has been reached, and the LED cooling indicator light goes out.
- Do not place any warm dishes in the cooling top unit; cool them down to ambient temperature first.
- To avoid occurrence of unpleasant odours in the cooling top unit follow the recommended storage periods of food products.
- Do not overfill the cooling top unit so as not to disturb the air circulation in the unit.
- To minimize the loss of cool air, keep the sliding doors open for as short time as possible.
- Remove food as required and then close the sliding glass pane door of the appliance again.
- If condensed water collects at the bottom of the cooling tray, wipe it with a soft, dry cloth.

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Appliance Preparation

1. Before use, clean the cooling top thoroughly, following indications in section 6 '**Cleaning and Maintenance**'.
2. Dry all cleaned elements and surfaces thoroughly.
3. Switch the appliance on (without food products). Follow indication in subsequent sections of the instruction.

Digital temperature control / button functions



1. LCD cooling indicator
2. LCD defrosting indicator
3. Lighting / defrosting button
4. SET function button
5. Digital display
6. Temperature decrease button
7. Temperature increase button

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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 desired temperature (setpoint)

The basic temperature settings have been set at the factory and correspond to an operating temperature in the device of approx. 2 °C to 7 °C.

To change the temperature settings, proceed as follows:

1. Press the SET button.

The set temperature value is displayed. The display begins to flash shortly afterwards.

2. If necessary, press the  or  buttons to change the displayed temperature setting.
3. Press the **SET** button again to save the setting and return to the display showing the refrigerator compartment temperature.

NOTE!

If no other button is pressed within 10 seconds, the digital display will show the refrigerator compartment temperature.

Defrosting

Automatic defrost

The appliance defrosts automatically 4 times within 24 hours. The timer is activated when the appliance is first switched on.

The LCD defrost indicator  lights up as soon as the defrost cycle starts and remains lit throughout the entire defrost cycle.

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Initiating manual defrosting / ending the defrosting process

If the cooling performance drops (e.g. after the door has been open for a long time), manual defrosting is required.

1. Press the  button and hold it down for 6 seconds to start defrosting.

The LCD defrost indicator  lights up.

The appliance will immediately start an automatic defrost cycle, and the next defrost will take place after 6 hours.

2. Press and hold the  button for 6 seconds to end the defrost cycle.

The LCD defrost indicator  goes out.

NOTE!

If further settings or parameter changes are required, refer to the enclosed description of temperature adjustment or have them carried out by a service technician.

Appliance Start-Up

1. Plug the appliance into a suitable single socket.
2. Switch the appliance on by setting the switch at the front of the appliance in 'I' (ON) position.

The red power indicator light in the ON/OFF switch lights up.

The temperature controller digital display shows current temperature inside the appliance.

The cooling LED indicator light ❄️ blinks during the cooling phase and during the delay between the compressor stopping and restarting.

When the set temperature is reached, the LED cooling indicator light ❄️ goes out.

3. Before placing food products in GN containers in the unit, the unit should reach the set temperature.
4. Place prepared products to be served (e.g. sushi, tapas) in the appropriate GN 1/2 containers.
5. Open the sliding glass pane door at the service side.
6. Place GN containers with food products in the cooling top unit.



Fig. 2

7. Ensure that the cooling tray is always filled with a set of GN containers, even when the GN containers are unused or empty.

ATTENTION!

Uncovered areas of the cooling tray or empty GN containers significantly reduce the performance of the appliance.

8. Close the sliding glass pane door at the service side.

Turning the LED interior light on/off

The device is equipped with an LED interior light, which is located in the upper rear section of the interior.

The LED interior light can be turned on or off at any time.

1. Briefly press the button  to turn on the LED interior light.
2. Briefly press the button  again to turn off the LED interior light.

Switching the Appliance OFF

1. When the appliance is not to be used any more, it should be switched off with the ON/OFF switch (set 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.

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6.2 Cleaning

1. At the end of a working day, clean the appliance.
2. Remove all food in GN containers from the appliance and store them temporarily in a cool room or in a refrigerator, in order for them not to turn.
3. Clean the cooling tray thoroughly with a soft, damp cloth and a mild cleaning agent.
4. Wipe with a clean cloth.
5. If condensation water has accumulated in the cooling tray for GN containers, it must be drained via the drain hose at the service side. Beforehand, remove the plug from the drain hose and drain the condensate into the container. Close the drain hose again with the plug.
6. Clean the glass inside and outside and the housing of the appliance also with a soft, damp cloth. Use a mild cleaning agent when required.

NOTE!

The sliding glass pane door can be removed for easier cleaning.

7. Wipe all cleaned surfaces with a cloth moistened with in fresh water to remove any cleaning agent residues.
8. The used accessories (bars, GN containers) should be cleaned regularly in warm water with a mild cleaning agent. Rinse in fresh water.
9. Dry all the cleaned parts and surfaces thoroughly with a soft cloth.
10. Regularly remove dust and lint from the appliance's ventilation openings with a Hoover or a soft brush.

6.3 Maintenance

- To ensure that the appliance remains functional for a long time, the following operations should be carried out regularly (twice a year) by a qualified personnel:
 - check electrical cables at the connectors for loose connections;
 - check the operation of the electrical system. If the power cord is damaged, it must be replaced for safety reasons;
 - check the operation of the temperature controller and probes;
 - clean the condenser, gently moving a vacuum cleaner suction nozzle for upholstered furniture or a soft brush along the condenser fins.

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
Appliance does not work	Incorrectly connected plug	Remove the plug and insert it properly into a socket
	Appliance is not switched on	Switch the appliance on
	Electric power supply safety fuse damaged	Check a fuse, connect the appliance to another socket and check it
	No power supply	Check the electric power supply
	Damaged temperature controller	Contact the service company
	Damaged plug or power cord	Contact the service company
Insufficient cooling efficiency	Incorrect setting temperature	Correct the temperature setting
	Direct sunlight or heat sources in immediate vicinity	Move the appliance away from heat sources, place the appliance in a correct position
	Poor air circulation around the appliance	Assure sufficient clearances from walls or other objects
	Products placed inside the appliance are too hot	Leave food products to cool down before you place them inside the appliance
	Appliance is overfilled	Avoid overfilling of the appliance, remove the excess of food product

Spare Parts

Spare parts for the purpose of repairing this appliance, as stipulated in Annex II to the REGULATION (EU) 2019/2024, 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.

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Coolant

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