

111-150 | 212-150 | 313-150



200230 - 200232 - 200233

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1	Safety	2
1.1	Explanation of Signal Words.....	2
1.2	Safety instructions.....	3
1.3	Intended Use	6
1.4	Unintended Use	6
2	General information	7
2.1	Liability and Warranty	7
2.2	Copyright Protection	7
2.3	Declaration of Conformity	7
3	Transport, Packaging and Storage	8
3.1	Delivery Check.....	8
3.2	Packaging	8
3.3	Storage	8
4	Technical Data.....	9
4.1	Technical Specifications	9
4.2	List of Components of the Appliance	11
4.3	Functions of the Appliance.....	12
5	Installation and operation	13
5.1	Installation.....	13
5.2	Operation	14
6	Cleaning	17
6.1	Safety Instructions for Cleaning	17
6.2	Cleaning.....	18
7	Possible Malfunctions.....	19
8	Disposal.....	20



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.

Flammable Materials

- Never subject the appliance to contact with high temperature sources, e.g.: oven, furnace, open flame, heat generating devices, etc.
- To avoid fire hazard, clean the appliance regularly.
- Do not cover the appliance with, e.g., aluminium foil or cloths.
- Use the appliance only with materials designated to this end and with correct temperature settings. Materials, groceries and left-overs remaining in the appliance may catch fire.
- Never use the appliance near flammable or inflammable materials, e.g.: petrol, spirit, alcohol, etc. High temperature triggers evaporation of these materials, and, as a result of contact with sources of ignition, an explosion may occur.
- In case of fire, disconnect the appliance from the power supply before attempting suitable 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.

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Hot Surfaces

- Surfaces of the appliance become hot during operation. Burning hazard! High temperature remains for some time after switching the appliance off.
- Do not touch any hot surfaces of the appliance. Use the provided handling elements and holders.
- You may transport and clean the appliance after it cools down entirely.
- It is prohibited to sprinkle hot surfaces with cold water or flammable liquids.

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.

Supervised Usage only

- Only supervised appliance may be used.
- Always remain in an immediate vicinity of the appliance.

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 in a technically flawless condition, providing for safe use.
- The appliance may only be used with connections in a technically flawless condition, providing for safe use.
- The appliance may only be used clean.
- Use only original spare parts. Never attempt to repair the appliance on your own.

- Do not attempt to modify nor alter 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:

- Keeping the prepared food warm in suitable GN containers.

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.

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The following is an unintended use:

- food preparation
- warm and hot water preparation,
- heating of liquids containing sugar, acids, lyes, or alcohols,
- pouring and heating up flammable, harmful, and quickly evaporating liquids or materials, etc.

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

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

Version / Characteristics 200230| 200232| 200233

- Type of power supply: electric
- Appliance connection: ready to plug in
- Type: table-top appliance
- ON/OFF switch
- Indicator lights:
 - ON/OFF
 - heating-up
- Water connection: no
- Water drain tap: no
- Water supply tap: no

We reserve the right to implement technical modifications

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Name:	Bain Marie 111-150
Art. No.:	200230
Material:	chrome-nickel steel
Number of basins:	1
Basin dimensions (W x D x H), in mm:	305 x 510 x 155
Basin size (GN format):	1 x 1/1 GN
Max. GN container depth, in mm:	150
Type of protection:	IPX3
Degree of protection:	I
Connected load:	1,2-1,4 kW 220-240 V 50/60 Hz
Dimensions (W x D x H), in mm:	338 x 540 x 248
Weight, in kg:	8,0

Name:	Bain Marie 212-150
Art. No.:	200232
Material:	chrome-nickel steel
Number of basins:	1
Basin dimensions (W x D x H), in mm:	305 x 510 x 155
Basin size (GN format):	1 x 1/1 GN
Max. GN container depth, in mm:	150
Type of protection:	IPX3
Degree of protection:	I
Connected load:	1,2-1,4 kW 220-240 V 50/60 Hz
Dimensions (W x D x H), in mm:	338 x 540 x 248
Weight, in kg:	10,3

The set includes:

- 2 GN containers 1/2 GN
- 2 lids with a spoon recess

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Name:	Bain Marie 313-150
Art. No.:	200233
Material:	chrome-nickel steel
Number of basins:	1
Basin dimensions (W x D x H), in mm:	305 x 510 x 155
Basin size (GN format):	1 x 1/1 GN
Max. GN container depth, in mm:	150
Type of protection:	IPX3
Degree of protection:	I
Connected load:	1,2-1,4 kW 220-240 V 50/60 Hz
Dimensions (W x D x H), in mm:	338 x 540 x 248
Weight, in kg:	10,6

The set includes:

- 3 GN containers 1/3 GN
- 3 lids with a spoon recess

4.2 List of Components of the Appliance

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Fig. 1

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Fig. 2

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Fig. 3

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1. Basin
2. Heating-up indicator light (green)
3. Temperature controller
4. ON/OFF switch with an integrated power indicator light (red)
5. Foot (4x)
6. Housing
7. GN container
8. Lid with a spoon recess

4.3 Functions of the Appliance

Bain-marie keeps the prepared food warm in suitable GN containers. Thanks to individually controlled temperature of the bain-marie there is no risk of burning or drying foods.

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.
- Maintain sufficient clearance from table edges. The appliance might turn over and fall down.
- Leave at least 20 cm clearance from flammable walls and items.

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.

5.2 Operation

Warning Indications



WARNING!

Risk of burns!

During operation the housing of the device becomes very hot. The device remains hot still for some time after it has been switched off.

Do not touch it with bare hands!

Before you start cleaning or moving the device elsewhere, let it cool down sufficiently.

Never move the device when it is switched on.

Risk of scalding arms, hands, and fingers by hot water or steam.

Check if any liquids flow from the device during its operation! Do not overfill the tank.

When replacing GN containers or manipulating within the area of hot water bath, always wear protective gloves.

Never reach inside the basin during or immediately after operation. Before emptying the basin, make sure the water is chill; to this end, hold your palm 2–5 cm above the basin.

Appliance Preparation

1. Before use, thoroughly clean the appliance and equipment according to instructions in section 6 '**Cleaning**'.
2. Dry all cleaned elements and surfaces thoroughly.
3. Make sure that the appliance is switched off.
4. Fill the basin with fresh drinking water up to the required level. Take into account the 'MIN' and 'MAX' markings in the basin.

ATTENTION!

Never use the appliance without water in the basin.

Make sure the water level in the basin is between MIN and MAX markings.

Monitor the water level regularly and add or exchange water if necessary.

NOTE!

Fill up the device's tank with warm water to save time and energy!

Operation of the appliance

1. Plug the device into a suitable single socket.
2. Switch the appliance on with the ON/OFF switch by setting it to 'I' position.
The red power indicator light in the ON/OFF switch lights up.

3. Set the desired temperature within the range of 0°C–90°C with the temperature controller.

HINT!

The pre-set temperature of 90°C is reached when the basin is covered or contains a GN container.

After the temperature setting is complete, the green heating up indicator light comes on.

When the desired temperature has been reached, the heating indicator light goes off.

When the temperature in the basin drops, the indicator light comes on again and water in the basin is reheated to the pre-set temperature.

The appliance is now ready for maintaining the food temperature.

4. Put the suitable GN container(s) in the appliance basin.
5. Put the required warm foods in the GN container(s).
6. As needed, serve the warm food with appropriate utensils.

Switching the appliance off

1. When the warm-keeping process is finished, and the appliance is not to be used any more, turn the power output controller to '0' position.
2. Switch the ON/OFF switch to 'O' position.
3. Disconnect the appliance from the mains socket (pull the plug out).

WARNING! Risk of burning/scalding!

The appliance and water inside it remain hot for some time after the operation.

Before draining allow the appliance and water in it to cool down.

4. Remove the cooled GN container(s) out of the basin.
5. Empty the basin by pouring out the water.

Overheating protection

The appliance is equipped with the overheating protection. In case of accidental turning the appliance ON without any water or with too little water in the basin, this function will be activated and the appliance will turn OFF. Proceed the following way:

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- allow the appliance and water inside the basin to cool down;
- empty the basin by pouring out the water;
- press the RESET button (with the use of an isolated instrument, e.g. monopolar voltage tester or isolated screwdriver) through the hole in the bottom plate.

A distinct 'click' sound is heard.

The appliance is ready for the operation again.

6 Cleaning

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 after each use.
2. Remove the cooled GN container(s) from the basin.
3. Empty the basin by pouring out the cooled water.
4. Clean the basin thoroughly with warm water, a soft cloth or a sponge and a mild cleaning agent.
5. Rinse the basin thoroughly with fresh water to completely remove washing agent residues.
6. Wipe the appliance housing with a soft, damp cloth.
7. To end with, dry all washed elements and surfaces thoroughly.
8. Clean the used GN containers and lids regularly in warm water with a mild washing agent and a soft cloth or sponge. Alternatively, the lids and GN containers can be washed in a dishwasher.
9. Under intensive use, regularly remove scale from the bottom of the container. For descaling purposes, use a solution of water and vinegar or commercially available descaler. Follow the instructions of the the descaler manufacturer.

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
The appliance is connected to the power supply but the red indicator light does not come on.	Incorrect or missing power supply	Check the power supply and the power cord for damage
	Electric power supply safety fuse is damaged	Check the fuse (replace if necessary), and check the appliance after connecting it to another socket
	No power supply	Check the electric power supply
The appliance is connected to the power supply, it is ON, the temperature is set, but the pre-set temperature is not reached	Damaged thermostat	Contact the service company
The appliance is on, the temperature is set, but the heating-up green indicator light does not come on and the appliance is not heating up.	Overheating protection tripped	Observe instructions in chapter 'Overheating protection'

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.