

**5L S**



**200132**

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Version: 1.0

Date of preparation: 2025-08-01

## 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.
- 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.

### 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.

### Health hazard due to germs!

- The tank must be regularly emptied and disinfected to eliminate the possibility of accumulation of harmful and dangerous germs.

### 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:

- Boiling water and keeping it warm.

### **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:

- Heating or boiling of liquids containing sugar, sweeteners, lyes, or alcohols.

## 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.

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

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### **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

|                                               |                                 |
|-----------------------------------------------|---------------------------------|
| <b>Name:</b>                                  | <b>Hot water dispenser 5L S</b> |
| <b>Item No.:</b>                              | <b>200132</b>                   |
| <b>Material:</b>                              | stainless steel, coated         |
| <b>Material lid:</b>                          | stainless steel, coated         |
| <b>Volume, in l:</b>                          | 5                               |
| <b>Temperature range, min. - max., in °C:</b> | 30 - 100                        |
| <b>Power supply:</b>                          | 1,8 kW   220-240 V   50/60 Hz   |
| <b>Dimensions (W x D x H) in mm:</b>          | 280 x 270 x 400                 |
| <b>Weight in kg:</b>                          | 1,8                             |

We reserve the right to implement technical modifications!

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### Version / Characteristics

- Device connection: plug-in ready
- Colour: black, matt
- Control: electronic, knob
- ON/OFF switch: no
- Indicator light:
  - heating up
  - keep warm
- Temperature control: thermostatic
- Safety thermostat: yes
- Filling level display: no
- Double-walled: no

## 4.2 List of Components of the Appliance



Fig. 1

- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| 1. Lid handle                       | 2. Lid                               |
| 3. Tank handle (2x)                 | 4. Water tank                        |
| 5. Connection cable                 | 6. Keep warm indicator light (green) |
| 7. Heating-up indicator light (red) | 8. Feet (3x)                         |
| 9. Temperature controller           | 10. Base                             |
| 11. Drain tap                       |                                      |

## 4.3 Functions of the Appliance

The hot water dispenser may be used for boiling water and keeping it warm in a required temperature.

## 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 10 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.
- Do not use the appliance with an external timer or remote control.

## 5.2 Operation



### WARNING

#### **Risk of scalding!**

**The water tank and the lid heat up considerably during operation.**

Do not touch the hot appliance.

#### **Risk of scalding!**

**Hot steam coming out when the lid is removed may cause scalding of hands, arms and face.**

Never remove the lid when the appliance is operating.

In order to add water, first switch the appliance off and then carefully remove the lid, using the lid handle.

#### **Overfilling may lead to hot water leaks and scalding!**

Observe the maximum filling volume!

1. Before use, clean the appliance, observing instructions in section 6.2 “Cleaning”.
2. Pour required amount of fresh water into the appliance (only up to “MAX” mark).

### **NOTE!**

**To reduce heating time and save energy, the tank may also be filled with hot water. Thus time and energy are saved!**

3. Put the lid on the tank and rotate it clockwise to close the tank (bayonet lock).
  4. Plug the appliance into a single grounded socket.
- Keep warm indicator light (green) will light up.

### NOTE!

**Prior to switching the appliance on, make sure that the water tank is filled with a potable liquid. Do not fill the appliance with any non-potable liquids, like acids, lyes, oils, nitrates, etc.!**

5. Use the temperature control knob to set the required temperature within the range of 30°C – 100°C.

When temperature controller is switched on, the red heating-up indicator light lights up and the green keeping warm indicator light goes off.

The water is now heated up to the set temperature.

As soon as the set temperature is reached, the heating-up indicator light (red) goes off. The keep warm indicator light (green) lights up and the water is kept warm in a set temperature.

When the water temperature drops, the heater is switched back on and the heating-up indicator light (red) is back on.

6. In order to pour hot water from the appliance, pull the drain tap and keep a cup or a container underneath, until they are full. Then release the drain tap, which closes automatically.

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7. Mind the filling level of the water tank. Never use the appliance without water.
8. Top up with water when required. Proceed in the following way:
  - turn the temperature control knob to “O” position,
  - release the bayonet lock using the lid handle to turn the lid counter-clockwise,
  - remove the lid carefully, using lid handle,
  - pour the required amount of water.
9. When the appliance is no longer to be used, turn the temperature control knob to the left as far as it goes and disconnect the appliance from mains socket (unplug!).
10. Leave the remaining water to cool down after work and drain it from the water tank via the drain tap.

### Safety thermostat

The appliance is equipped with **safety thermostat**. In the case of accidental start-up without water or with small amount of water safety thermostat will be activated and the appliance will be switched off automatically. Proceed as follows:

- disconnect the appliance from the power supply,
- allow the appliance to cool down,
- press the RESET button on the underside of the appliance,
- refill the tank with fresh water,
- start normal use of the appliance.

Also in the case of connection scaling, safety thermostat will trigger. Leave the appliance to cool off and empty the water tank. Following the cooling phase, the appliance must be descaled following indications in section 6.3 “**Descaling**”. After descaling, you may start using the appliance as usual.

## 6 Cleaning and Descaling

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 after the end of each working day, or more frequently if needed.
2. Wash the water tank with warm water with a mild cleaning agent.
3. Rinse the water tank thoroughly with clean water.
4. Clean the drain tap by running fresh water through it.
5. Wash the lid under warm, running water.
6. Wipe the exterior of the water tank and the base with a soft, damp cloth.
7. Finally, dry the appliance and the lid thoroughly.

### 6.3 Descaling

Inappropriate water may lead to scale deposits building up. Limestone deposits result in longer heating time and might cause damage to the appliance.

#### NOTE!

**To avoid limestone deposits, it is recommended to use filtered water!**

#### ATTENTION!

**Lack of regular descaling of the appliance, as set forth in the instruction manual, may constitute a ground for rejecting warranty claims. Such claims are not covered by the warranty! Descale the appliance regularly!**

1. Fill the water tank with fresh water, add vinegar or a commercially available descaling agent and boil the solution. Observe the instructions descaling agent's manufacturer.
2. Run a portion of the solution through the drain tap in order to remove limestone deposits.
3. Boil the descaling solution again, at least 1 - 2 times.
4. Then leave the appliance to cool off for some time.
5. Remove the descaling solution after the procedure is finished.
6. Rinse the water tank thoroughly **a few times** with clean water.
7. Run clean water through the drain tap in order to remove any residues of the descaling solution.

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## 7 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.