

**3,2L**



**191004**

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## Original instruction manual

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**Read this instruction manual before using 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. Additionally, accident prevention, occupational health and safety, and legal regulations in force in the area the appliance is used apply.

Before you start using the appliance, especially before turning it on, read this instruction manual in order to avoid personal injuries and property damages. Improper use may cause damage.

This instruction manual forms an integral part of the product and must be stored in an immediate vicinity of the appliance and be available at all times. The instruction manual should be transferred together with the appliance.

## 1 Safety

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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.

### 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.

## Safety

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### Health hazard due to germs!

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

### 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

As described below, every use of the appliance for a purpose differing and/or diverging from its intended standard use, is prohibited and considered to be an unintended use.

The following is an intended use:

- Preparing tea and other hot and instant beverages.

## 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 up milk or frothing liquids.
- Heating up soups, sauces or similar thick dishes.
- Heating or boiling of liquids containing sugar, sweeteners, acids, lyes, or alcohols.
- Storing and heating up flammable, harmful, and quickly evaporating liquids or materials, etc.



## 2 General information

### 2.1 Liability and warranty

All information and instructions in this instruction manual account for legal regulations in force, current level of technical engineering knowledge as well as our expertise and experience, developed over the years. If special models or additional options are ordered, or state-of-the-art technical solutions were implemented, the actual scope of delivery of the appliance may, in some circumstances, differ from descriptions and numerous drawings in this instruction manual.

The manufacturer is not liable for any damages nor faults stemming from:

- failure to observe instructions,
- unintended use,
- technical alterations introduced by the user,
- usage of unapproved spare parts.

We reserve the right to introduce technical modifications to the product, intended for improvement of the appliance and its performance.

### 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.

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### 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>Samovar 3,2L</b>
Item No.:	<b>191004</b>
Material:	Stainless steel, plastic
Volume, in l:	3,2
Temperature range, max., in °C:	100
Power supply:	2 kW / 220-240 V / 50-60 Hz
Dimensions (W x D x H) in mm:	274 x 275 x 495
Weight in kg:	2,15

We reserve the right to implement technical modifications!

#### Version / Characteristics

- Control: electronic, knob
- Temperature control: thermostatic
- Overheating protection
- Temperature maintenance function
- Water tank and steaming insert with handles
- Handle characteristics: heat-insulated
- Automatic switch-off
- Indicator lamps: heating up, keeping warm
- The set includes:
  - 1 tea jug made of stoneware, volume 0.8 litre
  - 1 tea strainer

## 4.2 List of components of the appliance



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- |                                     |   |
|-------------------------------------|---|
| 1. Lid handle                       | 2. Water tank cover                               |
| 3. Filtering insert handle (2 pcs.) | 4. The appliance with 'MAX' level fill indication |
| 5. Drain tap lever                  | 6. Base   |
| 7. Indicator lights                 | 8. Drain tap                                      |
| 9. Tea strainer                     | 10. Tea jug                                       |
| 11. Tea jug lid                     | 12. Water tank                                    |
| 13. Heat-resistant handles (2 pcs.) | 14. Steaming insert                               |

## 4.3 Functions of the appliance

The samovar is used for boiling water for tea, tea essence and other hot and instant beverages.

## 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 package materials, for instance: plastic bags and EPS.

- 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 fixed on 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.
- The appliance should be placed on surfaces that are:
  - even, with sufficient bearing capacity, resistant to water, dry and resistant to high temperatures;
  - sufficiently large, and thus enabling usage of the appliance with no problems;
  - easily accessible;
  - well ventilated.
- 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

### Before the first use

1. Clean the appliance thoroughly before use, following the instructions in section 6 "Cleaning and Descaling".



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2. Fix the appliance with the fill level indication o the steam tube in the water tank.
3. Close the drain tap (turn to right) and fill the water tank with fresh potable water to the 'MAX' level indication.
4. Put the steaming insert onto the water tank, followed by the lid.
5. Boil water. Observe the instruction in section "Water boiling".
6. Pour out the water or drain it through the drain tap. Repeat the process 2–3 times.
7. Before using the appliance, make sure it is in perfect operating condition.

### Water boiling

1. Turn the drain tap lever to the right, to close the drain tap.
2. Now, use the container to fill the water tank with the necessary amount of fresh potable water (up to 'MAX' indication only).



### CAUTION!

#### Risk of scalding!

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

Observe the maximum filling capacity!

### NOTE!

To reduce heating time and save energy, the tank may be filled with hot water.

3. Place the steaming insert and the lid firmly on the water tank.
4. Boil water while observing the following instructions:



a

b



c

d

5. Press the boiling function switch (a) to 'I' position (downwards), to start the boiling process.

The red heating indicator light (c) will be lit and will remain on during the entire heating phase.

It takes approximately 10–12 minutes to boil water filled up to maximum level. Then the appliance switches off automatically, and the red heating indicator light (c) goes off.

After boiling, the water may be kept warm thanks to the keeping warm function.

6. Switch the keeping warm rocker switch (b) to 'I' position.

The blue indicator light (d) will be lit and goes off only when the rocker switch (b) is switched to the 'O' position.

### Overheating protection

The appliance is equipped with the **overheating protection**. It is activated, when the water tank is empty (or the amount of water is too little). In such a situation disconnect the appliance from the power supply (pull the plug out). Before the water tank is filled with fresh potable water, leave the appliance for a couple of minutes to cool down.

### Topping up water



#### CAUTION!

##### Risk of burns!

**When removing the lid to top up water in the hot water tank, steam may come out, which may scald hands, arm and face!**

Leave the appliance for a couple of minutes to cool down, before you attempt to carefully remove the lid.

1. Top up with fresh potable water after cooling down.
2. Remove the lid.
3. Pour fresh potable water into the water tank through the openings in the steaming insert.

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### Water intake

1. Place a suitable container (a cup, glass, tea jug, etc.) under the drain tap.
2. Turn the lever to the front, to pour water.
3. After pouring water, move the lever to the right.





### Tea preparation

To obtain a valuable product and taste, the tea is poured with water of different temperature and brewed through various periods of time.

Black tea is prepared with boiling hot or hot water.

Perfect water temperature for preparation of green tea is approx. 50°C – 70°C. The majority of green teas reaches optimum taste at approx. 70°C. The better quality of the green tea, the lower the optimum water temperature. The high quality tea is brewed in water with the temperature of 50°C – 60°C.

Herbal, fruit, rooibos and spicy teas should be poured with boiling water only and brewed for at least 5–10 minutes. This is the only way to obtain a safe grocery's product, as herbal tea blends, in rare cases, there may be some germs present, e.g. salmonella, which die in the process of heating up. When prepared improperly, they may pose threat to health, especially when it comes to teas for children.

**NOTE: Always keep the information about the preparation process that is put on the packaging.**

### Preparation of tea essence in tea jug

The enclosed tea jug may be pre-heated already in the phase of boiling water, by putting it on the steaming insert.

1. Remove the water tank lid.
2. Put the tea jug on the steaming insert.
3. Boil water.
4. To prepare the tea essence, remove the tea jug from the water tank.



#### **WARNING!**

**Risk of scalding!**

**Hot steam is coming out of the water tank.**

**Hot condensed water may drip from the bottom of the tea jug to the tea.**

Use a dish washing cloth to remove the tea jug.

5. Remove the lid from the tea jug.
6. Put the enclosed tea strainer into the tea jug.
7. Put some tea leaves into the tea strainer (approx. 1 teaspoon per cup) or put the tea bag directly into the tea jug (approx. 1 tea bag per approx. 1–2 cups).
8. Then pour the tea with boiling water via the drain tap of the appliance.
9. The tea jug may hold maximum of 0.6 litres of water.

The more the tea leave or the tea bags, and the less the water is poured into the tea jug, the stronger will be the tea essence (tea connoisseurs fancy tea brew of

exactly 2.86 g of tea per cup). It is recommended to take more tea to have a real tea essence brewed in the tea jug.

The strength of the tea essence may be established according to own liking. Observe the brewing time indicated on the tea packaging, as it differs for each type of tea.

10. Reinsert the tea jug with the tea essence on the steaming insert of the water tank. The steam in the water tank keeps the tea in the tea jug in ideal temperature for the tea to draw.
11. When the time needed for the tea to draw elapses, remove the tea strainer (tea bag) from the tea jug.
12. Then pour the required amount of tea essence from the tea jug to the tea glass/cup and top up the glass/cup with the water from the water tank. This way you may differentiate the strength and taste of the tea.
13. The tea jug may be left on the water tank, when the appliance is in the keeping warm mode, to be able to pour hot water any given time.

### Switching the appliance off

1. Switch the appliance off by placing the keeping warm (b) rocker switch in the 'O' position.
2. Then disconnect the appliance from the mains socket (pull the plug out).

## 6 Cleaning and Descaling

### 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



#### **DANGER!**

##### **Electric shock hazard!**

Never clean the samovar base under running water.



#### **CAUTION!**

##### **Health hazard due to the development of germs!**

Disinfect the water tank of the samovar in regular time intervals.

1. Clean the appliance regularly after the end of each working day, or more frequently if needed.
2. Make sure the appliance is off: the main switch and the keeping warm rocker switch must be placed in 'O' position. Disconnect the appliance from mains power supply and leave it to dry before attempting to clean it.
3. Empty and rinse thoroughly the appliance water tank with clean water.
4. Clean the samovar from the outside with soft, damp cloth and to end with, dry the appliance thoroughly.
5. Clean the steaming insert, lid, tea jug with tea strainer and the lid thoroughly with warm water and mild cleaning agent. Rinse in clean water. Dry the washed elements thoroughly afterwards.

#### **NOTE!**

The steaming insert, lid, tea jug with lid and tea strainer are dishwasher-safe.

### 6.3 Descaling

#### **ATTENTION!**

The warranty claims will not be accepted when the appliance is not periodically descaled, as described in the instruction manual. Such claims are not covered by the warranty!

Descal the appliance regularly.

#### **NOTE!**

To reduce limescale deposits, it is recommended to use filtered water!

1. Depending on the intensity of use and the water quality, the water tank should be descaled every 1–2 weeks.
2. Perform the following steps:
  - Fill the water tank with approx. 500 ml of fresh potable water.
  - Add vinegar or 1 package (15 g) of **Bartscher B15-30 descaler (art. no. 190065)** to the water. Observe the indications on the packaging,
  - Boil the prepared solution.
  - Pour part of the solution through the drain tap to remove limescale deposits in the drain tap.
  - Boil the descaling solution at least 1–2 times more.
  - Leave the appliance to cool down for some time.
  - Remove the descaling solution after the procedure is finished.
  - Rinse the water tank thoroughly and multiple times with clean water.
  - Drain part of the water through the drain tap.
3. If the limescale is deposited also in the tea jug, descale it with the water and vinegar solution.

## 7 Possible Malfunctions

The table below contains descriptions of possible causes and solutions to malfunctions or errors during operation of the appliance. When malfunction cannot be removed, contact the technical service.


Problem	Cause	Solution
<b>The appliance does not work.</b>	The plug is not connected to the mains socket.	Connect the plug.
	The house connection fuse tripped.	Disconnect the appliance from mains supply, reset the fuse and re-connect the appliance.
<b>The appliance is switched on, but the heating up indicator light is not lit.</b>	Damaged heating up indicator light.	Contact the supplier
	Damaged heater	Contact the supplier
<b>The appliance switches off.</b>	The overheating protection was triggered: too little water or no water in the water tank.	Leave the appliance to cool down, and then fill it with fresh potable water.

### When malfunction cannot be removed:

- do not open the housing;
- inform the service company or contact the supplier and provide the following data:
  - type of malfunction;
  - code number and serial number (to read from the rating plate of the device).

## 8 Disposal

### Electrical appliance

	<p>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.</p>
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Electrical appliances should be returned to designated collection points.