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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.
- 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.

Risk of scalding with hot steam / hot water / condensate!

- Avoid contact with steam escaping from the water tank. Never remove the lid of the water tank during boiling and heating up.
- Never pour water into the water tank during boiling. Leave the appliance to cool before re-filing it.
- Never move nor re-locate the appliance during boiling and heating up.

Safety

- After boiling, water in the water tank becomes very hot! Be particularly cautious when handling hot fluids.

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

- This appliance is not intended to be used 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 the appliance on.

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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.

This appliance is intended for use in households and similar places, e.g.:

- in employee canteens in shops, offices, and similar areas;
- on farms;
- by customers in hotels, motels, and other typical accommodation establishments;
- in lodging-houses.

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.

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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:	Samovar 15L
Art. No.:	191005
Material:	stainless steel
Volume, in l:	15
Temperature range, min.–max., in °C:	40 - 90
Connected load:	3 kW 230 V 50/60 Hz
Dimensions (W x D x H), in mm:	505 x 415 x 735
Weight, in kg:	9,6

We reserve the right to implement technical modifications.

Version / Characteristics

- Control: electronic, knob
- Temperature control: stepless
- Overheating protection
- Temperature maintenance function
- Automatic switch-off
- Ceramic handles
- Heating element:
 - 2 heating coils, 2.3 kW and 0.7 kW
 - boiling at 100°C with 2.3 kW heating coil
 - warm-keeping at 90°C with 0.7 kW heating coil
- Indicator lights:
 - operation mode
 - heating-up
 - overheating/dry operation
- The set includes:
 - 1 stainless steel teapot (volume of 2 litres)
 - 1 tea strainer

4.2 List of Components of the Appliance



Fig. 1

- | | |
|--|---------------------------------------|
| 1. Teapot with lid | 2. Tea strainer |
| 3. Steaming insert for teapot | 4. Water tank lid |
| 5. Lid handles (2 pcs) | 6. Water tank handles (2 pcs) |
| 7. Water tank | 8. Dispensing tap |
| 9. Base | 10. Temperature controller |
| 11. Dry operation protection indicator light (red) | 12. Heating-up indicator light (blue) |
| 13. Feet (4 pcs) | 14. Power cord |
| 15. ON/OFF switch with integrated operation indicator light (blue) | |

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.
- Do not place the appliance under kitchen cupboards. Escaping steam might damage them.

- Furniture surfaces may contain materials, which may damage or melt the appliance's feet. If needed, place the appliance on a suitable pad.
- Make sure to keep proper clearance at all sides (at least 20 cm at both sides and 30 cm from the top).

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 First Use

1. Set the appliance and connect it. Follow indications in section '**Appliance Installation and Connection**'.
2. Prior to first drinking of a tea or hot instant beverages perform trial run to remove all post-manufacturing residues. Follow indications in section '**Preparation**'.

NOTE!

During initial operation, additives connected with production (e.g. greases) may be the source of slight smoke and/or scent. This is a normal phenomenon and does not indicate any malfunction.

3. Repeat the process 2 more times. **Do not drink the boiled water!**
4. Clean the appliance and accessories according to instructions in section '**Cleaning**'.
5. Dry the appliance thoroughly.

Appliance Installation and Connection

1. Set the appliance on a dry, hard, even surface that is resistant to high temperatures and water splashes.
2. Fully unwind the power supply cord.
3. Make sure the ON/OFF switch is set to OFF.

The operation indicator light (blue) in the ON/OFF switch cannot light up.

4. Plug the appliance into an easily accessible single grounded socket.

Appliance Operation

1. Start the appliance by pressing the ON/OFF switch.

The operation indicator light (blue) in the ON/OFF switch lights up.

Temperature Controller / Indicator Lights

The temperature controller is used for switching the appliance on and off, and for setting the water temperature.



Fig. 2

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Switching Off	Rotate the temperature controller to the limit, counter-clockwise. The heating-up indicator light (blue) goes off.	
W (warm)	Warm water	Set the temperature controller to more or less W position. Water temperature: 60–70°C
H (hot)	Hot water	Set the temperature controller to H position. Water temperature: 85–95°C
B (boil)	Boiling water	Rotate the temperature controller to the limit, clockwise, to B position. Water temperature: 100°C
B (boil)	Interval boiling	After single boiling, revert the temperature controller by approx. ¼ of rotation; it should still be in the red area B . Water temperature: 95–100°C

The heating-up indicator light (blue) is lit, when the appliance's heating element heats up water. In the case of interval boiling, the heating up indicator light (blue) lights up in intervals.

Taking off / Putting on Water Tank Lid

1. Grab the lid's handle and pull the lid up.

CAUTION!

After operation of the appliance, use a dish-washing cloth or oven mitts to take the lid off for the lid may be very hot.

Before re-filling always cool the appliance down.

2. Put the lid on the water tank to close it.

Fill the water tank

CAUTION!

Fill the water tank with fresh potable water only. Fill with tap water. Do not pour any other liquid.

1. Take the lid off of the water tank (section '**Taking off / Putting on Water Tank Lid**').

CAUTION!

Risk of scalding!

Overfilling may lead to hot water leaks and scalding!

Observe the maximum filling volume!

2. Now, use a container to pour fresh potable water up to the 'MAX' marking.
3. Put the lid.

Dispensing Tap Operation



1. Place a suitable container (a cup, glass, teapot) under the dispensing tap.
2. Press the dispensing tap lever down and keep it pressed.

The dispensing tap opens and water flows (Fig. to the left).

3. Release the lever, when the required amount of water is dispensed.

The dispensing tap closes automatically.

Fig. 3

Preparation

ATTENTION!

Do not use the appliance without water. However, if it happens, the heating element will switch off automatically (dry operation protection). Dry operation protection indicator light (red) lights up.

In such a case, before filling with water and re-using the appliance, leave it for 5–10 minutes to cool down.

ATTENTION!

Risk of scalding!

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

Switch the appliance off and disconnect it from mains socket (pull the plug out). Before taking the lid off carefully with a dish-washing cloth, leave the appliance to cool down for a couple of minutes.

Water Boiling

1. Use a container to fill the water tank with the required amount of fresh potable water (section '**Appliance Operation**' / '**Water Tank Filling**').
2. Place the lid on the water tank.
3. Plug the appliance into a suitable single socket.
4. Switch the appliance on with the ON/OFF switch.

The operation indicator light (blue) in the ON/OFF switch lights up.

5. Rotate the temperature controller clockwise to **B** position to switch the appliance on and boil water.

The heating-up indicator light (blue) is lit.

Water is boiled continuously until it evaporates completely.

Water Heating

1. If water is to be heated up only, boil it one time (section '**Water Boiling**').
2. As soon as the water boils, rotate the temperature controller to the limit, counter-clockwise.

The appliance's heating-up indicator light (blue) goes off.

Water chills gradually if it is not dispensed and used.

Interval boiling

For energy-saving water boiling, we recommend using interval boiling setting. The thermostat controls energy supply according to needs and requirements. The appliance switches the heating element off when water boils and switches it back on, when water temperature drops.

1. Boil water one time (section '**Water Boiling**').
2. When water boils, rotate the temperature controller until the heating-up indicator light (blue) goes off.

When the thermostat switches the heating element back on, the heating-up indicator light (blue) lights up again.

3. After each use, switch the appliance off by rotating the temperature controller to the limit, counter-clockwise.

4. Press the ON/OFF switch to switch the appliance off completely.

The operation indicator light (blue) in the ON/OFF switch goes off.

5. Unplug the appliance.

6. Before cleaning and/or storage, leave the appliance to cool down (section '**Cleaning and Descaling**').

Indications for Tea Preparation

To obtain a valuable product and taste, 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. 50–70°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 50–60°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 information about the preparation process that is described on the packaging.

Preparation of Tea Essence

The enclosed teapot may be pre-heated already in the phase of boiling water, by putting it on the steaming insert. To prepare tea essence in the teapot, proceed the following way:

1. Remove the water tank lid.
2. Fill the water tank with water (section '**Appliance Operation**' / '**Water Tank Filling**').
3. Put the steaming insert onto the lid.
4. Put the teapot on the steaming insert.
5. Boil water (section '**Water Boiling**').
6. When water boils, rotate the temperature controller counter-clockwise, until the heating-up indicator light (blue) goes off (section '**Preparation**' / '**Interval Boiling**').

NOTE!

For preparation of green tea, leave the boiled water for 5–6 minutes to cool down. Follow temperature indications in section 'Indications for Tea Preparation'.

7. To prepare the tea essence, remove the teapot from the water tank.

ATTENTION!

Risk of scalding!

Hot steam is coming out of the water tank.

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

Use a dish washing cloth to remove the teapot.

8. Use caution to open the teapot lid.
9. Put the enclosed tea strainer into the teapot.
10. In order to prepare black tea, put some tea leaves into the tea strainer (approx. 1 teaspoon per cup) or put a tea bag directly into the teapot (approx. 1 tea bag per approx. 1–2 cups).

The more the tea leaves or tea bags, and the less the water is poured into the teapot, 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 use more tea to have a real tea essence brewed in the teapot.

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.

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NOTE!

As a rule, use less green tea leaves than in the case of black tea. Use approx. 1 g per 100 ml of water or 1 flat teaspoon per 200 ml of water.

11. Put the teapot with the tea strainer under the dispensing tap.
12. Then pour the tea with boiling water via the dispensing tap of the appliance.
13. The teapot may hold maximum of 2 litres of water.
14. Reinsert the teapot with the tea essence on the steaming insert of the water tank.

The steam in the water tank keeps the tea in the teapot in ideal temperature for the tea to 'draw'.

15. When the time needed for the tea to draw elapses, remove the tea strainer (tea bag) from the teapot.
16. Then pour the required amount of tea essence from the teapot to a tea glass/cup and top up the tea glass/cup with water from the water tank.

This way you may differentiate the strength and taste of tea.

17. The teapot may be left on the water tank, when the appliance is in the warm-keeping mode, to be able to pour hot water any given time.

Hot Instant Beverages

In order to prepare hot instant beverages, e.g. instant coffee, pour the required amount of instant product into a cup and pour hot water from samovar (section 'Appliance Operation' / 'Dispensing Tap Operation').

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.

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6.2 Cleaning



DANGER!

Electric shock hazard!

Never clean the samovar base under running water.

1. Clean the appliance regularly after the end of each working day, or more frequently if needed.
2. Empty the water tank completely. Rinse it thoroughly with fresh water.
3. Run fresh water through the dispensing tap to clean it.
4. Clean the appliance from the outside with a soft, damp cloth and dry it thoroughly.
5. Clean the steaming insert, lid, teapot with tea strainer thoroughly with warm water, a soft cloth or sponge and a mild cleaning agent. Rinse the cleaned elements with fresh water and, to end with, dry thoroughly with a soft cloth.

NOTE!

The appliance nor any detachable parts, like the steaming insert, lid, teapot and tea strainer are not dishwasher-safe!

6.3 Descaling

Inappropriate water may lead to limescale deposits building up. Not only does the limescale negatively influence the quality of tea and water, but they also lead to losses of energy and reduce the life of the appliance.

NOTE!

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

The first signs of the need for descaling are strong steam generation and delayed water boiling. Limescale at the bottom of the samovar's tank may lead to premature switching off of the appliance.

Therefore we recommend regular limescale removal with a descaling agent (every approx. 2–6 weeks), depending on the local quality of water and the frequency of appliance operation.

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Perform the following steps:

1. Fill the water tank with fresh potable water, up to the 'MAX' marking.
2. Add a suitable amount of a commercially available descaling agent to water.

For example: **descaling agent Bartscher B15-30 (art. No. 190065).**

NOTE!

Always follow the descaling agent manufacturer's instructions on the packaging.

3. Connect the appliance to the power supply.
4. Press the ON/OFF switch to switch the appliance off.

The operation indicator light (blue) in the ON/OFF switch lights up.

5. Rotate the temperature controller to the limit, clockwise, to switch the appliance on.

The heating-up indicator light (blue) lights up.

The solution is boiled.

Possible Malfunctions

6. When the solution boils, rotate the temperature controller counter-clockwise, until the heating-up indicator light (blue) goes off (section '**Preparation**' / '**Interval Boiling**').
 7. Leave the agent for some time for it to act.
 8. Then, drain the solution through the dispensing tap to a suitable container, so that the dispensing tap is also descaled (section '**Appliance operation**' / '**Dispensing Tap Operation**').
 9. To rinse the water tank, use two full water tanks of fresh water.
- Now, the appliance is descaled and ready for further operation.

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.

In such a case, provide article number, model name and serial number. These data may be found in the rating plate.

Malfunction	Cause	Solution
Appliance does not work	The plug is incorrectly connected to the mains socket	Connect the plug correctly
	Damaged mains socket	Plug the appliance into another socket
	No power supply from the mains	Check the house connection fuse
	ON/OFF switch has not been operated	Press the ON/OFF switch; the operation indicator light (blue) in the switch lights up
	Temperature controller has not been operated	Rotate the thermostatic controller to the limit, clockwise

Malfunction	Cause	Solution
House connection fuse tripped	Too many appliances and devices connected to the same circuit	Reduce the number of appliances and devices in the circuit
Temperature is set, but the heating-up indicator light (orange) does not light up	Damaged heating control light	Contact the supplier
	Damaged heating element	Contact the supplier
Appliance switches off	The overheating protection (dry operation protection) was triggered: too little water or no water in the water tank Dry operation protection indicator light (red) lights up.	Disconnect the appliance from power supply, leave it to cool and then fill it with fresh potable water
Water does not flow from the dispensing tap or flows in very little amounts	Clogged dispensing tap	Clean the dispensing tap
	The appliance is scaled.	Descale the appliance

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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.