

Silver 1300



A190189

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Original instruction manual

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Read these instruction manual before using the appliance and keep it available at all times!

This instruction manual contains information about installation, operation and maintenance of the appliance and constitutes an important source of information and reference guide. The knowledge of all operational and safety instructions included in this manual is a prerequisite for safe and proper handling of the appliance.

Read this instruction manual before you use the appliance and particularly before you start the appliance to prevent injury or damage. Incorrect use may cause damage.

All important information contained in the operating instructions must be available to the appropriate staff at all time. The operator shall be responsible for their availability.

In addition to the operating instructions, you must comply with the general, legal and other applicable regulations for occupational safety and environmental protection.

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1 Safety

This appliance has been manufactured in accordance with technical standards currently in force. However, the appliance may be a source of hazards if used improperly or contrary to its intended purpose. All persons using the appliance must consider information included in this instruction manual and observe safety instructions.

1.1 Explanation of Signal Words

Important safety instructions and warning information are indicated in this instruction manual with appropriate signal words. You must strictly follow the instructions, to prevent accidents, personal injuries and property damages.



DANGER!

The signal word **DANGER** warns against hazards that lead to severe injuries or death if the hazards are not avoided.



WARNING!

The signal word **WARNING** warns against hazards that may lead to moderate or severe injuries or death if the hazards are not avoided.



CAUTION!

The signal word **CAUTION** warns against hazards that may lead to light or moderate injuries if the hazards are not avoided.

IMPORTANT!

The signal word **IMPORTANT** indicates possible property damages, which may occur if safety instructions are not observed.

NOTE!

The symbol **NOTE** indicates subsequent information and guidelines for the user on usage of the appliance.

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.

Safety

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

- 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.

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:

- Brewing coffee with the use of ground coffee and cold water.

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:

- Preparing other beverages.
- Brewing 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

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.

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:	Coffee machine Silver 1300
Art. No.:	A190189
Material:	Stainless steel
Filter material:	Stainless steel
Heating system material:	Stainless steel
Volume, in l:	13,2
Max. output, number of cups:	100
Brewing time of 13.2 l, in min.:	70
Minimum brewing volume, in l:	5,28
Minimum brewing volume, in cups:	40
Power supply:	1,45 kW 230 V 50 Hz
Dimensions (W x D x H), in mm:	370 x 360 x 533
Weight in kg:	6,4

We reserve the right to implement technical modifications!

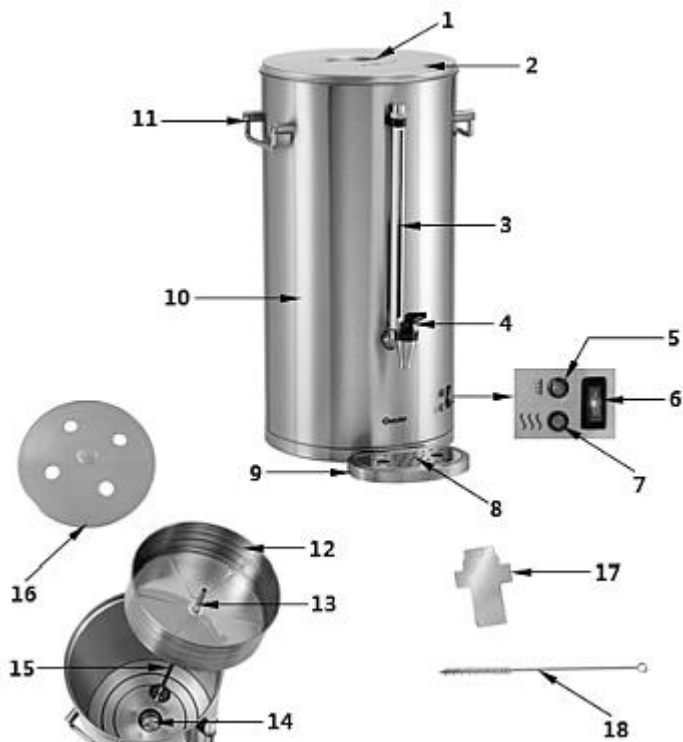
Version / Characteristics

- Version: round filter
- Warm-keeping function
- Descaling signal
- Fill level indicator
- ON/OFF switch
- Indicator light:
 - water refill / descaling
 - brewing process complete
- Features:
 - Drain tap clearance 125 mm (145 mm without drip tray)
 - Double walls
 - 2 separate heating systems for brewing and warm-keeping function
 - Coffee machine may also be used without paper filter
 - Fill level sensor
 - Removable drip tray
 - Fold-up handles
- The set includes:
 - 1 cleaning scraper
 - 1 cleaning brush

4.2 Functions of the Appliance

Water in the water tank circulates in the riser pipe as long as the water temperature reaches 89°C. Then the brewing heating element switches off and the warm-keeping heating element switches on. The green warm-keeping indicator light comes on. The coffee is kept warm for the required period.

4.3 List of Components of the Appliance



- | | |
|--|---|
| 1. Lid handle | 2. Lid |
| 3. Fill level indicator | 4. Drain tap |
| 5. Indicator light: water refill /
descaling (red) | 6. ON/OFF switch with integrated
operation indicator light (red) |
| 7. Indicator light: brewing process
complete / warm-keeping (green) | 8. Drip grate |
| 9. Base plate | 10. Water tank |
| 11. Water tank handle | 12. Filter basket |
| 13. Riser pipe stub | 14. Heating bowl |
| 15. Riser pipe | 16. Deflector |
| 17. Cleaning scraper | 18. Cleaning brush |

Auxiliary equipment (not included in the delivery!)

Fig.	Description	Art. no.:
	Round paper filter, 245mm, 250 pcs. Order unit: 1 box (250 round filters) Diameter: 245 mm Dimensions: W 245 x D 245 x H 1 mm Weight: 0.55 kg	A190011250
	Round paper filter, 245mm, 1,000 pcs. Order unit: 1 box (1,000 round filters) Diameter: 245 mm Dimensions: W 245 x D 245 x H 1 mm Weight: 2.1 kg	A190011
	Descaling agent B15-30, 30 pcs. Order unit: 1 box (30 bags, 15 g each) Version: powder, highly concentrated Dimensions: W 68 x D 4 x H 100 mm Weight: 0.45 kg	190065

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 burns!

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

Do not touch the hot appliance.

Use the lid handle to open the water tank.

Parts of the filter basket and coffee dregs are becoming very hot.

When removing the filter basket assembly after the end of the brewing process, use safety gloves.

Risk of burns!

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.

Use the lid handle and safety gloves when removing the lid.

Overfilling may lead to hot water leaks and scalding!

Observe the maximum filling volume!

Coffee Preparation

1. Before use, clean the appliance, observing instructions in section 6 'Cleaning'.
2. Fill the tank with **cold**, potable water. **Never use warm water for coffee preparation in this appliance!**

The required fill level may be read from fill level indicator.

ATTENTION!

Never use the appliance without water!

3. Pay attention to the minimum required amount for brewing during coffee preparation. It is 40 cups or 5.28 litres.
4. To assemble the filter basket assembly put the riser pipe into the filter basket opening and place both elements together in the tank.
5. Make sure that the riser pipe is placed in the centre of the heating bowl in the tank bottom.

NOTE!

The optimum filter from high-grade stainless steel allows for coffee preparation either with a paper filter or without it.

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6. Depending on preferences it is possible to place a suitable paper filter in the filter basket or to prepare coffee without it!
7. Pour coarsely ground coffee to the filter basket (approx. 5 g per cup).

NOTE: The recommended coffee amount may be larger or smaller, depending on preferences.



8. Place the deflector on the edge of water tank, over the filter basket.

The deflector serves the purpose of even distribution of water from the riser pipe during the brewing process.

9. Place the lid on the water tank.



ATTENTION!

Before connecting the appliance to the mains supply, make sure the ON/OFF switch is in 'O' position.

Installation and operation

10. Plug the appliance into a suitable single socket.

11. Start the coffee machine by switching the ON/OFF switch to 'I' position.

The red operation control light in the ON/OFF switch will come on, indicating the the appliance is operating and the brewing process is in progress.

As soon as the brewing process is complete, the appliance switches from brewing heating element to warm-keeping heating element, and the green warm-keeping indicator light comes on.

The temperature will be reduced automatically and coffee will be kept in the serving temperature, until the ON/OFF switch is switched to 'O' position or the plug is removed from the mains socket.

Coffee Dispensing



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1. Place a cup or kettle under the drain tap, press the tap slightly down and hold until the cup or kettle is filled with required amount of coffee.
2. Release the drain tap - it closes automatically.
3. In order to obtain constant flow press the drain tap lever fully up, until it engages. After coffee dispensing, close the drain tap by pressing it down again.

Switching the Appliance Off

1. Switch the ON/OFF switch to 'O' position, when liquid stops flowing from the drain tap of a vertically positioned appliance.
2. Disconnect the appliance from mains power supply.
3. If needed, after cooling down, refill the coffee machine with fresh water and run anew the brewing process.

Malfunction Indicator Light / Safety Thermostat

In case of a malfunction or with too low a water level, red malfunction indicator light comes on, and heating elements are deactivated.

Proceed the following way:

1. Regularly check water level in the tank. If the water level is too low:
 - switch the appliance off with the ON/OFF switch
 - refill with fresh potable water
 - switch the appliance on as usual
2. If the malfunction indicator light is still on, descale the appliance. Perform the following steps:
 - switch the appliance off with the ON/OFF switch
 - descale the appliance, observing the instructions in section '**Descaling**'.
 - press the RESET button at the bottom of the appliance
 - refill with fresh potable water
 - switch the appliance on as usual

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NOTE:

If after descaling of the coffee maker the malfunction indicator light is still on and the appliance does not work, the safety thermostat has tripped. Press the RESET button at the bottom of the appliance and run 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

Daily Cleaning

1. Clean the appliance after each use.
2. After use, clean the filter basket, riser pipe, lid, and deflector with warm water and gentle, commercially available cleaning agent for professional coffee machines. Follow product manufacturer's instructions.
3. Rinse the parts with fresh water.
4. To end with, dry all cleaned parts, using a linen-free, soft cloth.
5. Make sure the water tank is free of all and any deposits and coffee residues. Wash the water tank with warm water with a mild cleaning agent. If required, use mild scrubbing agent.
6. Rinse the water tank thoroughly with clean water.
7. To clean the drain tap, fill the water tank with warm water and drain it through the drain tap.
8. Remove the drip tray with drip grate from the appliance. Empty and clean them with warm water and gentle washing agent regularly. Rinse the parts with fresh water. To end with, dry the drip tray and drip grate and refit them anew in the appliance.
9. Wipe the exterior of the appliance with a soft, moist cloth.

ATTENTION!

After cleaning, check the gasket at the bottom end of the riser pipe. If it is not fitted correctly, is missing or is hard, maintaining the right position of the riser pipe in the heating bowl may be impossible, which in turn may negatively influence the operation of the appliance.

Weekly Cleaning

Heating Bowl

The heating bowl in the bottom of the appliance must be thoroughly cleaned every week, especially in case of daily use of the appliance.

There is a scraper for cleaning the heating bowl in the package of the appliance.

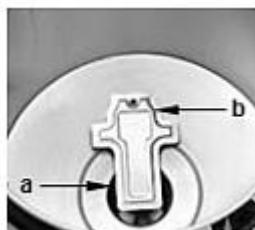
NOTE!

Always use the enclosed cleaning scraper.

1. Put the steel wool cloth soaked in soap or thin dishcloth on the heating bowl (a).
2. Then introduce the narrow end of the cleaning scraper (b) into the heating bowl.
3. Clean the heating bowl (a) through repeatedly turning the cleaning scraper (b) inside out and to the left and right.

The heating bowl is clean, when the metal shines.

4. After cleaning, rinse the water tank thoroughly to remove all residues of soap and cleaning agents.



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Water Sensor

1. The water sensor (c) in the appliance's tank should be cleaned carefully.
2. After cleaning, rinse the water tank thoroughly with clear water.



Fill level indicator

If needed, the fill level indicator may be cleaned from the inside using the enclosed cleaning brush.

Cleaning and Descaling

1. Undo the screw (d) at the top next to the fill level indicator support.
2. Remove the glass pipe (e) and the top gasket.
3. Introduce the cleaning brush into the glass pipe (e) and clean it thoroughly, using warm water and a gentle washing agent.
4. Rinse thoroughly with clear water.
5. To end with, fit the glass pipe (e) on the fill level indicator support. Pay attention to the right position of gaskets at the bottom and at the top.



ATTENTION!

The glass pipe must be correctly fit in the gasket at the bottom.

Tighten the screw gently, as the glass pipe may get broken.

6. Tighten the screw again (d) on the fill level indicator support.

Drain Tap

If the appliance is used daily, it is necessary to thoroughly clean the tap mechanism once a week, or less frequently in the case of less intensive use.

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1. Undo the top part of the drain tap with the handle (f).
2. Clean the tap and connection between the tap and the appliance with small bottle brush.
3. Rinse the removed part (f) of the drain tap and reinstall in the appliance.



6.3 Descaling

Depending on the water hardness level in the place of usage, limescale may be deposited in the water tank and the heating bowl during the operation of the coffee machine. In order to maintain the appliance in the best possible condition, and in order to be certain that every brewing process yields the best results, the appliance should be descaled regularly.

NOTE!

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

The appliance is equipped with **red malfunction indicator**. Depending on the hardness of the water used, the indicator may be activated after a certain number of brewing cycles, which indicates that the appliance must be descaled. The safety thermostat is activated and thus it stops the operation of the appliance. Switch the appliance off with the ON/OFF switch, and leave it to cool down.

For descaling the appliance we recommend the tried and proven agent:

Descaling agent B15-30, 30 pcs., art. No. 190065

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To descale the appliance, perform the following steps:

- press the RESET button at the bottom of the appliance,
- fill the with fresh potable water, paying attention to minimum brewing volume of the appliance,
- dissolve sufficient amount of descaling agent in water (follow indications on the packaging),
- slide the riser pipe through the filter basket centre and place it in the heating bowl, in the bottom of the water tank Pay attention to correct fitting of the riser pipe in the heating bowl.
- place the lid on the water tank,
- connect the appliance to the power supply,
- switch the appliance on with the ON/OFF switch,
- perform the brewing cycle and leave the appliance on for approx. 15 minutes,
- switch the appliance off,
- release the descaling solution through the drain tap,
- after descaling, perform at least two brewing cycles with the use of fresh water, without ground coffee, to remove all remains of the descaling solution,
- rinse the tank, riser pipe and filter basket thoroughly with warm water, and drain the water through the drain tap.

After descaling, you may start using the appliance as usual. The red malfunction indicator light is off.

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.

Problem	Cause	Solution
Red operation indicator light in the ON/OFF switch does not come on.	The plug is not connected to the mains socket.	Insert the plug into the mains socket.
	The premises connection fuse tripped.	Disconnect the appliance from mains supply, reset the fuse and re-connect the appliance.
	Damaged operation indicator light.	Contact the supplier.
Green warm-keeping indicator light does not come on.	Damaged warm-keeping heating element.	Contact the supplier.
	Damaged warm-keeping indicator light.	Contact the supplier.

Problem	Cause	Solution
Red malfunction indicator light comes on.	No water or too little water in the water tank.	Leave the appliance to cool down, refill with fresh potable water and switch the appliance on.
	The appliance is scaled.	Descale the appliance, following indications in section 6.3 'Descaling' , refill with fresh potable water and switch the appliance on.

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.