

1,5LD



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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.

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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 device can be used by children of 8 years old and older, as well as by people with reduced physical, sensory or mental abilities and those with limited experience/knowledge as long as they are under supervision or have been instructed on safe use of the device and possible risks. Children should not play with the device.
- Cleaning and user maintenance may not be performed by children.

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.
- The appliance may only be used with the base plate (base) belonging to it.

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:

- Heating up water and keeping it warm.

The appliance is not designed for continuous operation in industrial applications.

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.

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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:

- 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

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

Name:	Kettle 1,5LD
Art. No.:	200134
Material:	stainless steel plastic
Lid material:	stainless steel plastic
Volume, in l:	1,5
Minimum brewing quantity, in l:	0,3
Temperature range, min.–max., in °C:	40 - 100
Number of temperature levels:	4
Cord length, in m:	80
Energy consumption in standby mode in W:	0
Max. time until switching to standby mode in minutes:	0
Connected load:	1,5-1,8 kW 220-240 V 50/60 Hz
Dimensions (W x D x H), in mm:	220 x 160 x 260
Weight, in kg:	1,2

We reserve the right to implement technical modifications.

Version / Characteristics

- Colour: dark blue
- Double walls: yes
- Automatic boiling shut-off function: yes
- Limescale filter: no
- Fill level indicator: no
- Dry-run protection: yes
- Carrying handle: yes
- Display: yes
- Control: electronic | key

Technical Data

- Indicator light:
 - boiling
 - warm-keeping
- ON/OFF switch: yes
- Features:
 - kettle removable from the base, wireless
 - 360° swivel range
 - safe carrying handle
 - covered heating element
 - temperature-maintaining function
 - display of boiling water current temperature

4.2 Functions of the Appliance

This powerful kettle with a large display and touch controls features 4 temperature settings. The warm-keeping function keeps water warm or hot at the set temperature for one hour.

4.3 List of Components of the Appliance



Fig. 1

- | | |
|-----------------------|--------------------------------|
| 1. Spout | 2. MAX marking |
| 3. MIN marking | 4. Lid |
| 5. Lid release button | 6. Carrying handle |
| 7. Control elements | 8. Water tank |
| 9. Base plate | 10. Power cord with mains plug |
| 11. Power cord winder | |

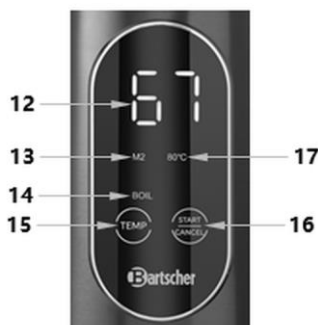


Fig. 2

- | | |
|--|--|
| 12. Display message | 13. Temperature mode indicator |
| 14. Function indicator (BOIL WARM) | 15. Touch temperature control field (TEMP) |
| 16. Touch control field (START CANCEL) | 17. Set temperature indicator |

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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.
- Position the appliance so that water does not get into the plug.

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Power supply connection

- Verify if technical data of the appliance (see rating plate) correspond with the local electric power grid specification.
- Connect the appliance to a single, properly grounded mains socket with protective contact. Do not connect the appliance to a multi-socket.
- The power cord should be laid in a way preventing anyone from threading on it or tripping against it.

5.2 Operation



WARNING

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 opened may cause scalding of hands, arms and face.

Never open the lid when the appliance is operating.

Overfilling may lead to hot water leaks and scalding!

Observe the maximum filling volume!

Before Use

1. Remove the kettle and base plate from the packaging.
2. To remove any manufacturing residues, we recommend filling the tank (at least twice) with fresh drinking water up to the MAX mark on the fill level indicator and boiling the water.
3. To set the temperature and switch the appliance on, follow the instructions in the **“Water Boiling / Heating”** section.
4. Next, pour away the boiled water and do not drink it.
5. Rinse the water tank with fresh water.
6. Wipe the surface of the kettle, the base plate and the power cord with mains plug with a slightly damp cloth.
7. Thoroughly dry all cleaned elements.

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Water Boiling / Heating

1. Connect the base plate to a suitable single socket.
2. Press the release button on the carrying handle to open the lid.
3. Pour required amount of fresh water into the appliance (only up to **MAX** marking).

CAUTION!

Prior to switching the appliance on, make sure that the water tank is filled with potable liquid.

Do not fill the appliance with any non-potable liquids, like acids, lyes, oils, nitrates, etc.!

ATTENTION!

Pay attention to the water level and observe the MIN/MAX markings inside the water tank.

Never use the appliance without water or if water level is below the MIN marking.

4. Press the lid down to lock it.
5. Place the kettle on the base plate.
6. Briefly touch the **START/CANCEL** touch control field to switch the display on. The display will show current temperature inside the kettle.

7. Press the **START/CANCEL** touch control field again.

The display shows 100°C for approx. 5 seconds and the **BOIL** indicator flashes several times above the **TEMP** touch control field.

As soon as the kettle starts to heat up, the **BOIL** indicator remains lit and the temperature indicator switches back to the current temperature inside the kettle.

The kettle then brings the water to the boil and switches off automatically when finished.

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8. Lift the kettle by the carrying handle and use the water as required.

Temperature Mode Settings

The choice can be made from amongst three different temperature modes:

M1 = 40°C, M2 = 80°C, M3 = 90°C

1. Activate the display by touching the **START/CANCEL** touch control field.
2. Then touch the **TEMP** touch control field once.

The M1 = 40°C indicator flashes on the display.

If the **TEMP** touch control field is touched once again, the indicator on the display switches to M2 = 80°C. This indicator also flashes first. When the **TEMP** touch control field is touched again, the display indicator jumps to M3 = 90°C. This indicator also flashes first.

If no touch control field is touched while the indicator is flashing after selecting the temperature mode (M1 | M2 | M3), the kettle automatically starts the mode after a few seconds.

Touching the **START/CANCEL** touch control field once starts the mode directly.

In addition, **BOIL** is displayed above the **TEMP** touch control field for each of the three temperature modes. This means that water is being heated to the temperature

set in the respective mode. Once the set temperature is reached, the kettle switches off.

Keeping Water Warm

Then, for the three temperature modes (M1 | M2 | M3), the warm-keeping function can be activated.

1. Touch the **TEMP** touch control field once to make the mode (M1 | M2 | M3) flash.

The **BOIL** indicator appears on the display above the **TEMP** touch control field.

Press and hold the **TEMP** touch control field (approx. 3 seconds) to switch the **BOIL** indicator on the display off. The **WARM** indicator lights up diagonally to the right above the **START/CANCEL** touch control field.

2. Select the temperature mode (M1, M2 or M3).

WARM appears on the display for each temperature mode (M1 | M2 | M3).

The kettle starts heating water to the selected temperature (40 | 80 | 90°C).

Then, the kettle maintains water at a selected temperature (40 | 80 | 90°C) for one hour. Once this process is finished, the kettle switches off automatically.

3. After use, wait for water in the tank to cool down before pouring it out through the spout.

CAUTION!

Risk of burns!

The heating element in the base may still remain hot for a long time after switching off.

Do not touch the heating element.

Dry-Run Protection

The appliance is equipped with the **dry-run protection**. In case of accidental start-up without water or with its insufficient amount, the protection will be activated and the appliance will be automatically switched off. In such a case, please:

- Remove the appliance from the base.
- Wait for the appliance to cool down.
- Top up with fresh water after cooling down.
- Switch the appliance on 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.

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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 daily.
2. Rinse the water tank inside thoroughly with fresh water.
3. Wipe the outside of the water tank and the base plate with a soft, damp cloth.
4. Wipe the power cord with a slightly damp cloth only.
5. Dry the appliance and the base plate thoroughly.

6.3 Descaling

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

NOTE!

To avoid limescale 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.

Descal the appliance regularly.

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We recommend our Bartscher descaling agent in liquid form (**art. No. 173277**) or as granules (**art. No. 190065**).

1. Fill the water tank with fresh water and add a descaling agent. Follow instructions for the descaling agent used.
2. Boil the descaling solution.
3. Pour some of the solution through the spout to remove limescale deposits in the spout.
4. Leave the appliance to cool down for some time.
5. Once the appliance is descaled, remove the descaling solution.
6. Refill the water tank with fresh water.
7. Boil water and then pour it out.
8. If necessary, repeat the above procedures several times.
9. Use fresh water to rinse the kettle thoroughly **for a number of times**.
10. To completely remove the descaling solution, pour some fresh water through the spout, too.

11. Wipe the kettle with a soft, damp cloth.

12. Then, dry the appliance.

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.