

ST415-2



2002302

Bartscher GmbH
Franz-Kleine-Str. 28
D-33154 Salzkotten
Germany

Phone: +49 5258 971-0

Fax: +49 5258 971-120

Technical Support Hotline: +49 5258 971-197

www.bartscher.com



Version: 1.0

Date of preparation: 2025-02-12

Original instruction manual

1	Safety	2
1.1	Explanation of Signal Words.....	2
1.2	Safety instructions.....	3
1.3	Intended Use	6
1.4	Unintended Use	6
2	General information	7
2.1	Liability and Warranty	7
2.2	Copyright Protection	7
2.3	Declaration of Conformity	7
3	Transport, Packaging and Storage	8
3.1	Delivery Check.....	8
3.2	Packaging	8
3.3	Storage	8
4	Technical Data.....	9
4.1	Technical Specifications	9
4.2	List of Components of the Appliance	10
4.3	Functions of the Appliance.....	11
5	Installation and operation	11
5.1	Installation.....	11
5.2	Operation	13
6	Cleaning and Maintenance	17
6.1	Safety Instructions for Cleaning	17
6.2	Cleaning.....	18
7	Possible Malfunctions.....	19
8	Disposal.....	20



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.

EN

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.

EN

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

Health Hazard Due to Burnt Food Products

- Acrylamides that are present in burnt food products are hazardous to health and may cause cancer.
- Remove burnt pieces.
- Do not bake products to get them excessively over-done.

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.

EN

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.

Supervised Usage only

- Only supervised appliance may be used.
- Always remain in an immediate vicinity of the appliance.

Improper Use

- Unintended or prohibited use may cause damage to the appliance.
- The appliance may only be used when its technical condition is flawless and allows for safe operation.
- The appliance may only be used when all connections are executed according to rules of law in force.
- The appliance may only be used when it is clean.
- Use only original spare parts. Never attempt to repair the appliance on your own.
- Do not introduce any changes in the appliance nor modify 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.

EN

The following is an intended purpose:

- Baking pizza and similar products.

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:

- Baking unsuitable baked products.

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

EN

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.

EN

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:	Pizza oven ST415-2
Art. No.:	2002302
Material:	stainless steel
Baking chamber material:	stainless steel, heat-resistant stone base
Baking chamber dimensions (W x D x H), in mm:	415 x 410 x 120
Pizza capacity / Ø max. in cm:	1 / 40
Temperature range, min. – max., in °C:	50 - 350
Connected load:	2 kW 230 V 50/60 Hz
Dimensions (W x D x H), in mm:	580 x 580 x 315
Weight, in kg:	25,12

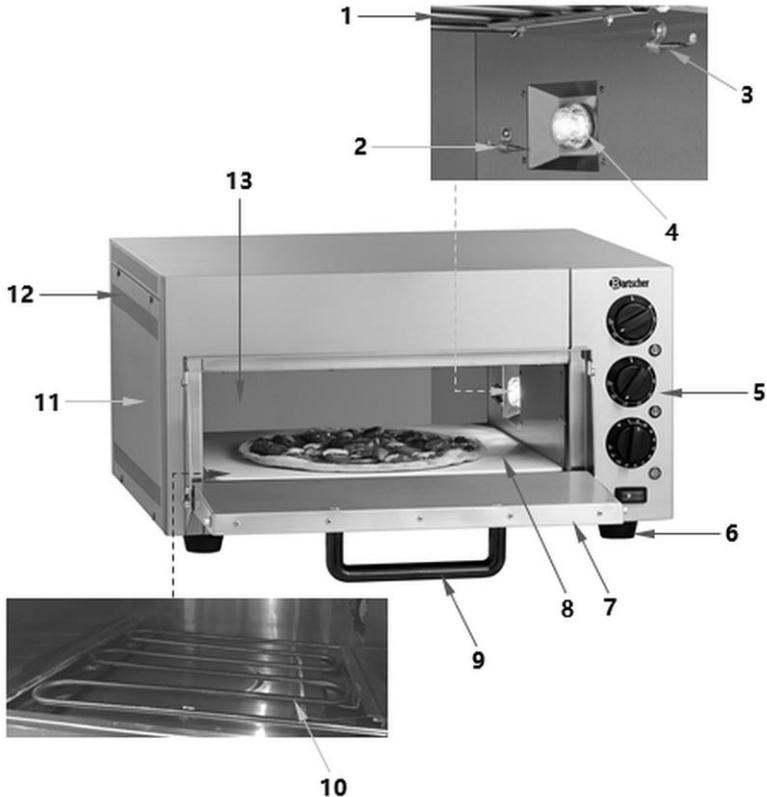
We reserve the right to implement technical modifications.

EN

Version / characteristics

- Appliance connection: ready to plug in
- Functions: top heater, bottom heater
- Independent control of top / bottom heater
- Timer
- Internal lighting
- Insulation:
 - insulation around
 - cotton
- Window: no
- Features:
 - Timer: Up to 120 minutes or continuous operation
 - Tone to signal the end of the set time

4.2 List of Components of the Appliance



EN

The delivery does not include decorations!

Fig. 1

- | | |
|-------------------------------------|--|
| 1. Top heater | 2. Top heater temperature sensor |
| 3. Bottom heater temperature sensor | 4. Baking chamber internal lighting |
| 5. Control panel | 6. Feet (4x) |
| 7. Appliance door | 8. Bottom of the baking chamber made of heat-resistant stone |
| 9. Door handle | 10. Bottom heater |
| 11. Housing | 12. Ventilation openings |
| 13. Baking chamber | |

4.3 Functions of the Appliance

Thanks to the bottom of the pizza oven made of heat-resistant stone, and top and bottom heater switched on separately, and a timer feature, each pizza coming out of this oven will be delicious. The compact construction of the pizza oven makes it suitable for any location – a cafeteria, fast food bar, snack bar or small catering kitchens.

5 Installation and operation

5.1 Installation



CAUTION!

Incorrect installation, positioning, operation, maintenance or misuse of the appliance may lead to personal injury or property damage.

Positioning and installation, as well as repairs may be performed by authorised technical service only and in compliance with the applicable national law.

EN

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.
 - To ensure safe operation of the appliance, keep a minimum clearance of 20 cm from all sides. Follow the current fire protection regulations.
 - If the appliance is located directly next to a wall or a piece of furniture, then the wall or the piece of furniture must be resistant to temperatures of up to 60°C. If the wall is made of a flammable material, it should be covered with a coating resistant to high temperatures.
 - Never cover the ventilation openings in the appliance. Never cover the appliance with cloths or blankets, and never hang any objects on the appliance.

EN

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 burning!

The external surface of the appliance is very hot during its operation.

Do not touch hot surfaces of the appliance.

Use only the intended rotary controllers and switches to operate the appliance.

The baking chamber heats up considerably during operation.

Wear safety gloves when taking ready pizzas out.

Use suitable utensils with long handles to take pizza out (e.g. pizza peel).

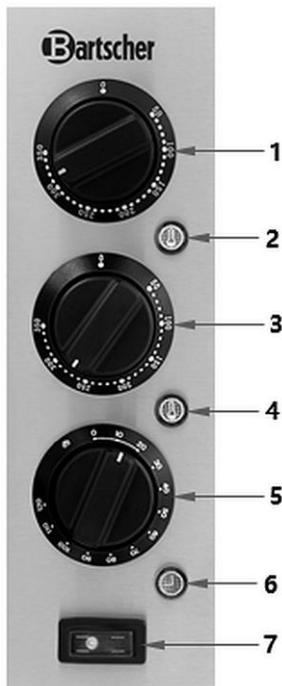
Before the first use

1. Before use, clean the appliance, observing instructions in section '**Cleaning**'.
2. Dry the washed elements afterwards.
3. Plug the device into a suitable single socket.
4. Switch the appliance on with the ON/OFF switch.
5. Before the first use, heat the empty pizza oven up with a temperature setting of 200°C (top and bottom heater) for 30 minutes. Follow the instructions in section '**Settings**'.

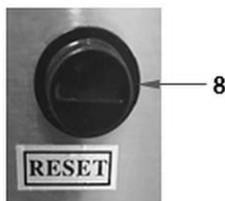
The appliance may produce unpleasant odour, resulting from production residues, such as fats, oils, and resin.

6. Ensure relevant ventilation of the room where the appliance is installed.

Control elements



Rear side



1. Top heater temperature controller
2. Top heater heating-up indicator light (orange)
3. Bottom heater temperature controller
4. Bottom heater heating-up indicator light (orange)
5. Time controller (timer)
6. Operation indicator light (green)
7. Internal lighting switch with integrated indicator light (green)
8. RESET key

Fig. 2

Settings

Temperature

1. To set the required temperature in the baking chamber, rotate the top heater (1, Fig. 2) and/or bottom heater (3) temperature controller to appropriate temperature setting.

It is possible to smoothly set the temperature for the top heater and bottom heater in the range of 50–350°C.

Orange heating indicator light for the top and/or bottom heater turns on.

As soon as the set temperature is reached, the appropriate heating indicator light turns off.

HINT!

Always heat up the appliance to the required temperature before starting the baking process. It takes approx. 10 minutes to heat the appliance up.

Baking time

1. Rotate the time controller clockwise.

The green operation indicator light will turn on.

HINT!

The pizza oven is heating up only when the timer is activated.

2. Set the required thermal processing time between 0–120 minutes.

A tone is heard and the green operation indicator light turns off when the set thermal processing time has elapsed. The appliance will switch automatically off.



Fig. 3

3. If you do not want to set the thermal processing time, rotate the time controller anti-clockwise, to switch to the continuous operation mode (a, Fig. 3).

With this setting, the appliance will not switch off automatically.

To switch the appliance off, rotate the time controller to '0' position.

EN

Pizza baking

1. Use the handle to open the appliance door.
2. Place the prepared pizza (size up to Ø 40 cm) on the baking chamber bottom.
3. Close the device door.

CAUTION!

Never leave the operating appliance unattended!

4. After the baking time is up, open the appliance door using the handle.
5. Use suitable utensils to take the ready pizza out.

Switching the internal lighting ON/OFF

1. If needed, the baking chamber internal lighting may be switched on.
2. Operate the relevant switch on the control panel of the appliance, by switching it to 'I' position.

As long as the internal lighting is on, the green indicator light in the switch is on.

3. To switch the internal lighting off, set the switch to 'O' position.

Switching the appliance off

1. If the appliance is no longer in use, rotate the temperature control knob and time controller to 'O' position.
2. Disconnect the appliance from power supply (pull the plug out).

Overheating protection

The appliance is equipped with the overheating protection. It activates when the appliance is overheated and switches off the appliance. After the appliance was automatically turned off by the overheating prevention system, it can only be reactivated by pressing the RESET button at the back of the control panel. In such a case, please:

- wait for the appliance to cool down;
- unscrew the plastic cover on the RESET button by rotating it counter-clockwise;
- press the RESET button;
- screw the plastic cover back on by rotating it clockwise;
- switch the appliance on as usual.

6 Cleaning and Maintenance

The operator must ensure that the device and its safety components are kept in good condition. Control and safety systems should be checked for their effectiveness.

Maintenance, cleaning and repairs must only be carried out by suitably trained and specialised personnel.

If the safety devices need to be removed for maintenance, cleaning and repair, they should be reinstalled immediately after completion and their function should be checked.

All maintenance and cleaning work must be carried out in accordance with the operating instructions at the specified intervals.

6.1 Safety Instructions for Cleaning

- Before cleaning, disconnect the appliance from the power supply.
- Leave the appliance to cool down completely.
- Make sure water does not enter the appliance. Do not immerse the appliance in water or other liquids during cleaning. Do not clean the appliance with a pressurized water jet.
- Do not use any sharp or pointed, nor metal implements (knife, fork, etc.). Sharp or pointed implements may damage the appliance, and when in contact with live parts, they may cause electric shock.
- For cleaning, do not use any scouring agents that contain solvents nor corrosive cleaning agents. They may damage the surface.

6.2 Cleaning

1. Clean the appliance regularly.
2. The elements of the appliance that come in contact with food require a particularly thorough cleaning.
3. After each baking process, remove residues of food products from the baking chamber, from the heat-resistant stone, using a metal putty knife or scraper.
4. Wipe the bottom of the heat-resistant stone with a soft damp cloth.
5. Clean external surfaces and door of the appliance with a soft damp cloth. Use a mild cleaning agent, if required.
6. Wipe with a clean cloth.
7. Dry cleaned surfaces with a soft cloth.
8. Regularly check ventilation openings of the appliance.
9. If needed, clean ventilation openings using a soft brush or vacuum cleaner to secure air circulation inside the appliance.

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.

When malfunction cannot be removed, contact the technical service. In such a case, provide article number, model and serial number. You will find this information on the rating plate.

Malfunction	Possible cause	Solution
No functions available.	The appliance is not connected correctly to the power supply.	Connect the appliance correctly to the power supply.
Heating process takes too long.	The performance is not meeting the requirements.	Connect the appliance correctly to the power supply.
	Defective heating element(s).	Stop using the appliance. Contact the service company.
Temperature is out of control.	Damaged temperature sensor.	Stop using the appliance. Contact the service company.
	Damaged temperature control component.	

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.