

IW5-1



105601

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: 2024-09-20

Original instruction manual

1	Safety	2
1.1	Explanation of Signal Words	2
1.2	Safety instructions.....	3
1.3	Intended Use	7
1.4	Unintended Use	7
2	General information	8
2.1	Liability and Warranty	8
2.2	Copyright Protection	8
2.3	Declaration of Conformity	8
3	Transport, Packaging and Storage	9
3.1	Delivery Check.....	9
3.2	Packaging	9
3.3	Storage	9
4	Technical Data.....	10
4.1	Technical Specifications	10
4.2	Functions of the Appliance.....	11
4.3	List of Components of the Appliance	12
5	Installation and operation	13
5.1	Installation.....	13
5.2	Operation	15
6	Cleaning and Maintenance	19
6.1	Safety Instructions for Cleaning	19
6.2	Cleaning.....	19
6.3	Maintenance	20
7	Possible Malfunctions.....	21
8	Disposal.....	22



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

Electromagnetic Fields

- Magnetized items, e.g. credit cards, data storage devices or calculators, may not be placed in an immediate vicinity of the switched on appliance. Magnetic field might damage them.
- Do not open the bottom cover!
- Cookware should always be placed in the middle of the cooking area, so that pot bottom covered the electromagnetic field to the maximum extent.
- Scientific researches proved that induction cookers pose no threat. Nevertheless, people with cardiac pacemaker should keep a distance of at least 60 cm from the working appliance.

Safety of Induction Plate Operation

- During operation, the heating area is getting very hot.

Information: Induction cooker does not generate heat in the process of cooking. Nevertheless, the temperature of cookware heats up the heating

Safety

area and the surface remains hot after use. Do not touch any hot surfaces of the appliance.

- 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.
- Do not put metal kitchen utensils, lids, knives nor any other metal objects on the heating area. These objects might heat up after switching the appliance on.
- Remember that wearable items, e.g. rings, watches etc., may heat up when they are close to the cooker's plate.
- In order to avoid overheating, do not place any aluminium foil or metal plates on the heating surface of the appliance.
- Do not heat up sealed containers, e.g. canned food, on the heating area of the induction cooker. Resulting overpressure may cause explosion (rupture) of a container or a can. The canned food is best to open it, put it in a pot filled with water and place the pot on a heating area in order to heat it up.
- The heating area is made of a temperature-resistant glass. In case of damage, even if it is only a small fracture, the device should be immediately disconnected from the power supply and you should contact the service company.

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.

Operating Personnel

- The appliance may be used 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 appliance and possible risks. Do not leave the appliance unattended during operation.

- Keep children away from the appliance and power supply cable.
- Children should be supervised to ensure that they are not playing with or switching the appliance on.
- 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 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.

The following is an intended purpose:

- Heating-up foods and keeping them warm with the use of suitable plates.

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 flammable, hazardous to health and volatile, etc. liquids and materials.

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.

EN

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:	Induction warming plate IW5-1
Art. No.:	105601
Material:	stainless steel
Number of heating plates:	1
Heating plate material:	glass
Glass hob dimensions (W x D), in mm:	390 x 390
Max. pot diameter, in mm:	340
Max. output in kW:	0,5
Temperature range, min.–max., in °C:	60 - 100
Number of temperature levels:	9
Temperature setting intervals, in 1°C increments:	5
Connected load:	0,5 kW 230 V 50/60 Hz
Dimensions (W x D x H), in mm:	395 x 395 x 100
Weight, in kg:	7,5

We reserve the right to implement technical modifications.

Version / characteristics

- Appliance connection: ready to plug in
- Type of heating plate: induction
- Adjustment: temperature
- Control: touch, electronic
- Overheating protection
- Digital display
- Cookware detection
- ON/OFF switch
- Control panel: on the appliance
- Possibility of combining: 4 appliances may be connected in series in 1 power circuit

4.2 Functions of the Appliance

Dishes are kept warm on the induction heating plate in a suitable cookware at the set temperature.

Up to four appliances can be combined in series which makes it an exceptional solution for hot buffets and catering.

4.3 List of Components of the Appliance



Fig. 1

- 1. Glass hob
- 2. Feet (4x)
- 3. Control elements
- 4. Housing
- 5. IEC connector for additional appliances
- 6. IEC connector for the power cord
- 7. Ventilation openings
- 8. Ventilation openings for the fan

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.

- Do not place the appliance in the vicinity of devices or objects that are sensitive to magnetic fields (e.g. radio, television, etc.).
- Leave at least 5 -10 cm clearance from flammable walls and other objects.

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.
- The appliance is connected to the electric power supply using the supplied power cord to the corresponding plug-in socket of the appliance.
- The appliance also has an integrated IEC socket for powering another induction heating plate that can be installed in series (up to 4 units). The corresponding cable must be purchased separately.



Fig. 2

5.2 Operation

Cookware

The induction appliance is equipped with a cookware detection mechanism. Before use make sure that the cookware/containers are suitable for use on induction appliances.

Look for this marking  on the bottom of cookware/container, or on the packaging.

If the marking is not present, you can perform the following test:

- place a cookware piece/container on the heating plate of the appliance,
- switch the appliance on and start it up (see chapter 'Operation'),
- if the display does not blink, the cookware piece is compatible;
- if the display blinks, the cookware piece is not recognised and thus it cannot be used.

The compatibility of cookware pieces can also be checked with a magnet: if a magnet sticks to the bottom of a cookware piece, such cookware piece is suitable for induction appliances.

Suitable Cookware:

- Iron cookware
- Enamelled iron cookware
- Steel or enamelled cast iron pots/pans
- Cast iron pots/pans
- Stainless steel cookware
- Aluminium cookware with special bottom

Not Suitable Cookware:

- Glass, ceramic or clay cookware
- Aluminium cookware without special bottom
- Bronze or copper cookware
- Cookware with feet
- Containers with bulged bottoms

ATTENTION!

Do not place plastic containers onto a hot heating plate of the appliance.

To obtain better results, use only cookware/containers with a diameter of 14–34 cm.

Before use

1. Before the first use, clean the appliance observing indications in section 6. 'Cleaning'.
2. Thoroughly clean the appliance with a soft cloth.
3. Connect the power cord to IEC socket under the appliance.

EN

Control elements / indicator lights

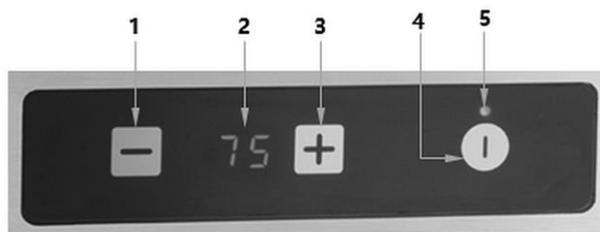


Fig. 3

1. Setting value decrease button
2. Digital display
3. Setting value increase button
4. ON/OFF switch
5. ON/OFF indicator light

Appliance start-up

ATTENTION!

The appliance is not intended for direct cooking or keeping warm food that is placed directly on the heating plate.

Use suitable containers.

1. Prepare food, as required.
2. Place warm food in suitable containers.



Fig. 4

1. Place the container with the food on the heating plate.
2. Plug the appliance into a suitable single socket.
3. Switch the appliance on with the ON/OFF switch.  The ON/OFF indicator light lights up.
4. Press the  button.

The digital display shows '- - -' which means that the appliance is in stand-by mode.

Settings

1. Press the  button.

The factory set temperature of 60°C will be shown on the digital display.

2. Use the  or  buttons to select a required power output level between 60°C and 100°C, depending on the dish.

The temperature may be set in increments of 5°C.

The set temperature will be shown on the digital display.

Keeping food warm

WARNING!

Risk of burning!

The plate maintaining temperature is very hot during operation and some time afterwards.

Do not touch hot surfaces.

During operation food containers become very hot and remain hot for a while after switching the appliance off.

Use protective gloves when removing containers.

The food in containers may slide off or fall down if the appliance is not set on even and stable surface.

Pay attention to the storage area of the appliance.

Never move the appliance with food containers on top of it; remove the containers first.

1. Cover the food containers while keeping the food warm.

HINT!

Food stays warm for much longer when covered.

Food will be kept warm at the set temperature for the required time.

2. Take the warm food and serve, as required.

Switching the appliance off

1. If the button  is pressed during operation, the induction warming plate switches off immediately.

After switching-off, the fan cools down the appliance electronics for a minute, and then turns off.

The appliance switches off automatically when no new setting has been introduced for 4 hours.

2. When the intended effect is obtained or when the appliance will not be used any more, switch it off with the ON/OFF switch.
3. First disconnect the power cord from power supply (pull out the plug).
4. Then, disconnect the power cord from the appliance.

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 daily; more often should it be needed.
2. Clean the lightly soiled glass hob, housing and control panel with a soft, damp cloth and a mild, non-scouring, cleaning agent.
3. Wipe all washed surfaces with a clean cloth.
4. For burnt stains, proceed as follows:
 - moisten the soiled area with warm water,
 - remove the soiling with a special glass scraper,
 - wipe the place with the scrubbing side of a sponge for cleaning sensitive surfaces,
 - finally, wipe the surface dry with a soft cloth.

5. For limescale stains, apply warmed wine vinegar or commercially available descaling agent to the area, wait for it to work, and then wipe off with a soft, damp cloth.
6. For deposits caused by spilled sugar, melted plastic or aluminium, apply a special glass/ceramic glass cleaner (with silicone if possible) to the surface, then wipe the surface.
7. After cleaning, dry cleaned surfaces thoroughly with a soft cloth.
8. Wipe the power cord with a slightly damp cloth only.
9. Ventilation openings at the bottom of the appliance should not be obstructed with dirt nor dust. Clean them regularly with a brush or vacuum cleaner.

6.3 Maintenance

We recommend you to have the appliance serviced at least once a year; if needed, we recommend entering into a service agreement.

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.

Error code	Cause	Solution
E0	There is no cookware on the heating plate or the cookware/container used is inappropriate.	Place a suitable cookware/container with food on the heating plate
E1	The internal temperature of the heating plate is too high or the internal fan does not work.	Maintain a minimum clearance of 10 cm between ventilation openings and walls or other objects Pull the plug out of the socket, and let the appliance cool down; after it has cooled down start it up as usual Check the ventilation openings, clean if necessary
E2	Overheating protection tripped	Remove cookware/container from the appliance, allow the appliance to cool down; when cooled, start up as usual
	Damaged temperature sensor	Contact the service company
E3	Input voltage is too high or too low	Make sure that the appliance is connected to the right input voltage

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.