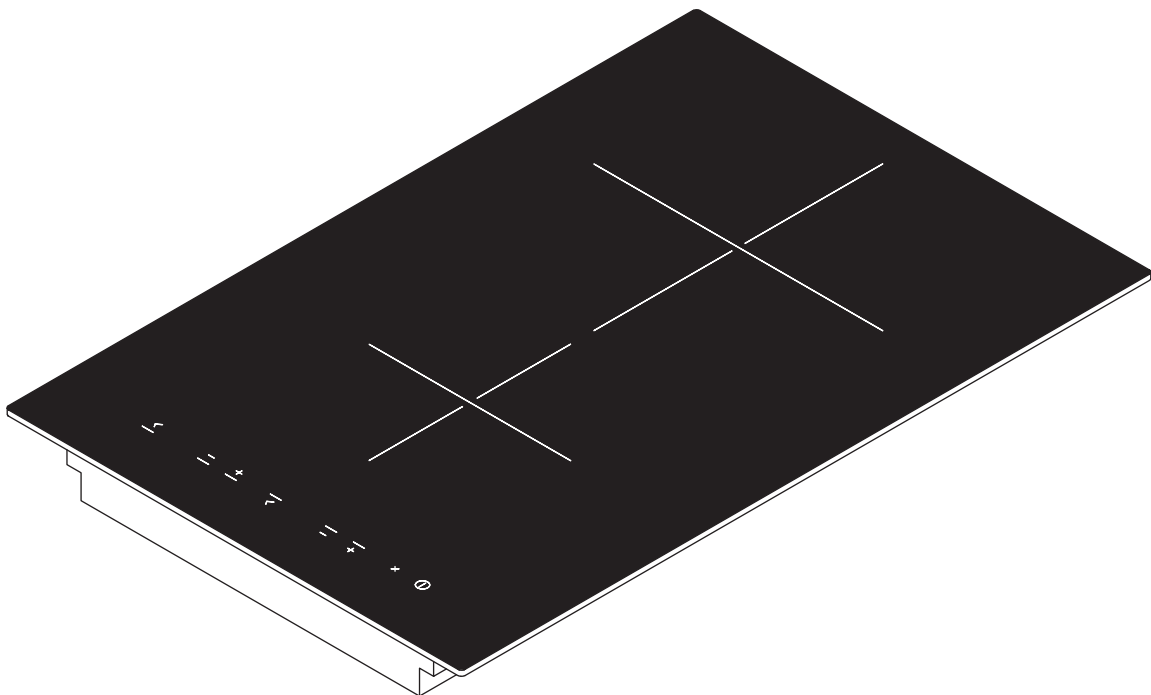


EN Operating and installation instructions CCH 1

Hyper glass ceramic cooktop with 2 cooking zones



CCH1UMEN-001

Operating and installation instructions:

Original

Translation

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1 General

Target group

These operating and assembly instructions are intended for the following target groups:

Target group	Requirements
Users	The Device may be used by children from the age of 8 as well as by people with limited physical, sensory or mental capabilities or a lack of experience and/or knowledge, provided they are supervised, have been instructed in the safe use of the device and have understood the dangers involved. Children must be supervised. All safety and warning information and handling instructions in the operating manual must be followed.
Ambitious DIYers	Ambitious DIYers may carry out all the necessary carpentry and assembly work themselves providing that they have the necessary skills and knowledge. They must not connect the current and gas themselves.
Assembly expert	The assembly expert must carry out all the necessary carpentry and assembly work taking existing regulations into account. The current and gas connections must be approved for the system in use by a certified electrician or gas engineer before use.
Electrical expert	The electrical connection must only be executed by a certified electrician. He/she also assumes responsibility for the proper electrical installation and commissioning.
Expert gas connection	The gas connection must only be implemented by a certified gas engineer. He/she also assumes responsibility for the proper gas installation and commissioning.

Tab. 1.1 Target groups

INFO	<p>BORA Holding GmbH, BORA Vertriebs GmbH & Co KG, BORA APAC Pty Ltd and BORA Lüftungstechnik GmbH - hereinafter referred to as BORA - shall not assume any liability for damage caused by non-compliance with these documents nor by improper assembly!</p> <p>The electricity and gas connections must be implemented by a certified engineer. Assembly must only take place in compliance with the applicable norms, regulations and laws. All safety and warning information and handling instructions in the operating and assembly instructions must be followed.</p>
-------------	---

Validity of the operating and assembly instructions

This manual is valid for several versions of the device. For this reason, it is possible that individual features are described in the manual that do not apply to your device.

Other applicable documents

Additional documents are valid as well as these operating and assembly instructions, and likewise need to be observed.

Please observe all documents included in the scope of delivery.

INFO	BORA cannot assume any liability for damage caused by non-compliance with these documents!
-------------	--

Guidelines

These devices meet the following EC guidelines:

- 2014/30/EC EMC Directive
- 2014/35/EC Low-Voltage Directive
- 2009/125/EC Ecological Design Directive
- 2011/65/EC RoHS Directive
- 2012/19/EC WEEE Directive

Depiction of information

We used standard formatting, numbering, symbols, safety instructions, terms and abbreviations so that you can work quickly and safely when using this manual.

Instructions are marked with an arrow.

► Always perform all instructions in the prescribed order. **Enumerations** are indicated with a square bullet point at the start of the line.

- Enumeration 1
- Enumeration 2

INFO	Information notes point to special features that must be taken into account.
-------------	--

Safety and warning instructions

The safety and warning instructions in this manual are emphasised with symbols and signal words.




Safety and warning instructions are structured as follows:

WARNING SYMBOL AND SIGNAL WORD!
Type and source of the danger
 Results of non-compliance

- Measures to minimise risk

Please note:

- The warning symbol draws your attention to the risk.
- The signal word indicates the severity of that risk.

Warning symbol	Signal word	Risk
	Danger	Indicates an immediate, hazardous situation which causes death or serious injury if not respected.
	Warning	Indicates a potentially hazardous situation which can cause death or serious injury if not respected.
	Caution	Indicates a possible hazardous situation which can cause minor injury if not respected.
–	Caution	Indicates a situation which can cause minor injury if not respected.

Tab. 1.2 Meaning of the warning symbols and signal words

2 Safety

2.1 General safety precautions

INFO The product complies with the mandatory safety provisions. The user is responsible for cleaning, care and safe use of the device. Any improper use may lead to personal injury and property damage.

- This operating and installation instructions contain important information concerning assembly and operation. It protects you from injury and prevents damage to the product. You can find contact data to get further information and answers to questions about the use of the product on the last page of this operating and installation instructions.
- The term “device” is used to refer to cooktop, cooktop extractor or cooktop with integrated cooktop extractor.
- ▶ Read this operating and installation instructions in full before you assemble the device and start to use it.
- ▶ Always keep these operating and installation instructions to hand so it is available when needed.
- ▶ After selling the device, pass on the operating and installation manual to the new owner.
- ▶ Carry out all work with great care and attention.
- ▶ Check the device for visible damage after unpacking.
- ▶ Do not install a damaged device.
- ▶ Do not use the device until installation is complete. Only in this way a safe operation can be guaranteed.
- ▶ Make sure contact with hot cooking surfaces is not possible.
- ▶ Avoid over-cooking.
- ▶ Pay attention to the residual heat indicator.
- ▶ Turn the device off after use.
- ▶ Keep pets away from the device.

Recirculated air mode

INFO Every time the device is used for cooking, supplementary moisture is released into the room air.

INFO In the recirculated air mode, only a small amount of moisture is removed from the cooking vapours.

- ▶ Make sure that the room is sufficiently ventilated to the outside air in the recirculated air mode, e.g. through an open window.
- ▶ Ensure a normal and comfortable indoor climate (45-60% humidity), e.g. through natural ventilation openings or domestic ventilation systems.
- ▶ Set the cooktop extractor to a low setting for about 15 minutes or activate the automatic after-run after every use in the recirculated air mode.

When there are children and people with special needs in the house

- This device may be used by children from the age of 8 as well as by persons with limited physical, sensory or mental capabilities or a lack of experience and/or knowledge, provided they are supervised, have been instructed in the safe use of the device and have understood the dangers involved.
- Do not leave children unattended when they are near the device.
- Children must not play with the device.
- Use the child safety lock in order to prevent children from switching on the cooktop or changing the settings when they are unattended.
- ▶ Do not store any objects that could be of interest to children in storage spaces above or behind the device. Otherwise, the children will be tempted to climb onto the device.
- ▶ Keep children and other persons away from the cooking surfaces.

Unauthorised modifications

Due to unauthorised modifications
The device can constitute a hazard.

- ▶ Do not make any changes to the device.

Cleaning and Maintenance

The device must be cleaned at regular intervals. Dirt can lead to damage or odour nuisance.

Remove dirt immediately.

- Any work involving cleaning and user maintenance must not be carried out by children unless they are supervised at all times while doing so.
- ▶ Do not use a steam cleaner for cleaning. Steam can cause a short circuit on live parts and thus lead to property damage (see the Cleaning chapter).
- ▶ Do not place any hot cookware in the area of the control panel so as not to damage the underlying electronics.
- ▶ When cleaning the device, water must not penetrate the interior of the device. Use only a slightly damp cloth. Never spray the device with water. Water penetration can cause damage!
- ▶ Whenever possible, clean the cooktop after every use.
- ▶ Clean the cooktop only after it has cooled down.
- ▶ When cleaning, only use non-abrasive cleaning agents to prevent scratching and abrasion on the surface.
- ▶ Make sure that the base of the cookware as well as the cooking zone are clean and dry.
- ▶ Always lift (do not drag!) the cookware to prevent scratching and abrasion on the surface.

2.2 Safety instructions, operation

Cooktop



DANGER! **Danger of fire caused by leaving the cooktop unattended!**

Oil or fat in the pot can quickly heat up and ignite.

- ▶ Never leave oil or fat to heat up unattended.
- ▶ Never extinguish oil and fat fires with water.
- ▶ Suffocate the fire, for example by using a lid.



DANGER! **Danger of explosion caused by flammable liquids!**

Flammable liquids in the vicinity of the cooktop can explode and cause serious injury.

- ▶ Do not place any flammable liquids in the vicinity of the cooktop.



DANGER! **Danger of electric shock!**

Cracks, fissures or fractures in the glass ceramic panel can damage the underlying electronics. This can cause an electrical shock.

- ▶ If there are any cracks, fissures or fractures in the glass ceramic, switch the device off immediately.
- ▶ Safely disconnect the device from the mains using miniature or automatic circuit breakers, fuses or contactors.



WARNING! **Risk of burns caused by a hot cooktop!**

The cooktop and its touchable parts become hot during operation. After turning off the cooking zone, allow it to cool down to less than 60°C first. Touching hot surfaces can lead to serious burns.

- ▶ Do not touch the hot cooktop.
- ▶ Keep children away from the hot cooktop unless they are under constant supervision.



WARNING! **Danger of fire caused by objects on the cooktop!**

The cooktop and its touchable parts become hot when the cooking zone is switched on and while it is cooling down. Objects on the cooktop can heat up and ignite.

- ▶ Do not leave any objects on the cooktop.



WARNING!
Risk of burns caused by hot objects!

The cooktop and its touchable parts become hot when the cooking zone is switched on and while it is cooling down. Objects (pot lid, cooktop extractor cover) on the cooktop become hot very quickly and can lead to serious burns.

- ▶ Do not leave any objects on the cooktop.
- ▶ Use suitable aids (pot cloths, thermal glove).



WARNING!
Risk of burns caused by hot cookware!

Handles protruding over the worktops can induce children to grab them.

- ▶ Do not turn the handles on the pots or pans to one side over the worktop.
- ▶ Prevent children from pulling down hot pots and pans.
- ▶ A special stove guard for children (available in specialist shops) reduces the danger.



WARNING!
Risk of burns!

Liquids between the cooking zone and base of the pot can scald the skin when steaming up.

- ▶ Make sure that the cooking zone and the base of the pot are always dry.

CAUTION!
Damage caused by hard and pointed objects!

Hard and pointed objects may cause damage to the glass ceramic plate of the cooktop.

- ▶ Do not use the cooktop surface as a kitchen worktop.
- ▶ Do not use any hard and pointed objects when working on the cooktop.

CAUTION!
Damage caused by substances containing sugar and salt!

Substances containing sugar and salt and juices can damage the cooking zone when they are spilled on its hot surface.

- ▶ Make sure that no food or drinks containing sugar or salt and juices are spilled onto the hot cooking zones.
- ▶ Immediately remove food or drinks containing sugar or salt and juices from the hot cooking zone.

CAUTION!
Escaping hot liquids!

Unattended pans can boil over allowing hot liquids to escape.

- ▶ Always keep an eye on pans while cooking.
- ▶ Short cooking sessions must be constantly monitored.

2.3 Safety instructions, assembly

Installation and assembly of the device may only be carried out by trained personnel who are familiar with and comply with common national regulations and supplementary regulations of the local utility companies.

Work on electrical parts must only be carried out by trained electrical personnel.

The electrical safety of the device is only guaranteed if it is connected to a properly installed protective conductor system. Make sure that these basic safety precautions have been taken.

Cooktop



DANGER!

Danger of electric shock!

Connecting the device incorrectly to the mains poses a risk of electric shock.

- ▶ Make sure that the device has a fixed connection to the mains voltage.
- ▶ Make sure that the device is connected to a properly installed protective conductor system.
- ▶ Make sure that technical equipment is provided to allow for all of the device's poles to be disconnected from the mains with a contact opening width of at least 3 mm (miniature and automatic circuit breakers, fuses, contactors).



DANGER!

Danger of electric shock!

The connection cable can be damaged if it comes into contact with hot cooking zones. A damaged connection cable can cause a (fatal) electrical shock.

- ▶ Make sure that the connection cable does not come into contact with hot cooking surfaces.
- ▶ Make sure that the connection cable is not caught or damaged.



CAUTION!

Back injury caused by heavy loads!

When removing and inserting the device, incorrect handling may cause injuries to the limbs and the trunk.

- ▶ Always lift the device out of the packaging with two persons.
- ▶ Always place the device onto the worktop cut-out with two persons.
- ▶ Use suitable aids to prevent damage to the limbs and the trunk.

- ▶ Check the device for visible damages before installing it.
- ▶ Do not install a damaged device.
- A damaged device may put your safety at risk!

Repair and maintenance work may only be carried out by specialists authorised by the manufacturer.

Safety instructions, disassembly and disposal

Disassembly of the device may only be carried out by trained personnel who are familiar with and comply with common national regulations and supplementary regulations of the local utility companies.

Work on electrical parts may only be carried out by trained electrical personnel.



DANGER!

Danger of electric shock!

Disconnecting the device incorrectly from the mains poses a risk of electric shock.

- ▶ Safely disconnect the device from the mains using miniature or automatic circuit breakers, fuses or contactors.
- ▶ Use a suitable measuring device to ensure that the device is de-energised.



DANGER!

Risk of suffocation!

Parts of the packaging (e.g. films, polystyrene) can be fatal to children.

- ▶ Store packaging materials away from the reach of children.
- ▶ Dispose of packaging correctly and promptly.

2.4 Safety instructions, spare parts



WARNING!

Risk of injury and damage to property!

Incorrect parts can lead to injury to persons or damage to device! Modifications, attachment parts or conversions to device can impair safety.

- ▶ Only use original spare parts when carrying out repairs.

2.5 Use as intended

The device is solely intended for preparing food in private households.

This device is not designed for:

- use outdoors
- installation in vehicles
- heating the room
- use in non-fixed installation sites (e.g. on ships)
- use with an external timer or separate remote control system.

Not using the device as described in this operating and assembly manual is considered not using the device as intended, as is using it beyond the purpose described here.

BORA shall not assume any liability for damages caused by improper use or incorrect operation.

All misuse is prohibited!

INFO BORA Holding GmbH,
BORA Vertriebs GmbH & Co KG,
BORA APAC Pty Ltd and
BORA Lüftungstechnik GmbH shall
not assume any liability for damage
arising from non-adherence to the
safety and warning instructions.

3 Technical data

Parameter	Value
Supply voltage	220 - 240 V
Frequency	50/60 Hz
Power consumption	3.3 kW
Fuse protection, minimum	1 x 16 A
Dimensions (width x depth x height)	340 x 515 x 44 mm
Weight (incl. accessories/ packaging)	6.3 kg
Cooktop	
Power levels	1 - 9 HY
1 ring front cooking zone	Ø 150 mm 1200 W
1 ring back cooking zone with hyper stage	Ø 215mm 2100 W 3000 W
Cooktop energy consumption	
Front cooking zone	Ø 150 mm 187.5 (Wh/kg)
Back cooking zone	Ø 215mm 179.3 (Wh/kg)
Total (average)	183.4 (Wh/kg)

Tab. 3.1 Technical data

Device dimensions

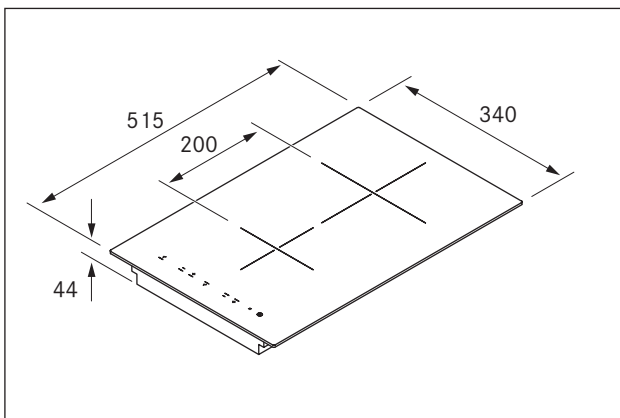


Fig. 3.1 Device dimensions

4 Device description

Observe all safety and warning information during operation (see the Safety chapter).

The cooktop has the following features:

- Automatic heat up function
- Automatic switch-off
- Safety shut-down
- Electronic power control (9 levels)
- Back hyper cooking stage
- Child safety lock
- Pause function
- Residual heat display
- Timer function
- Heat retention level

4.1 Structure

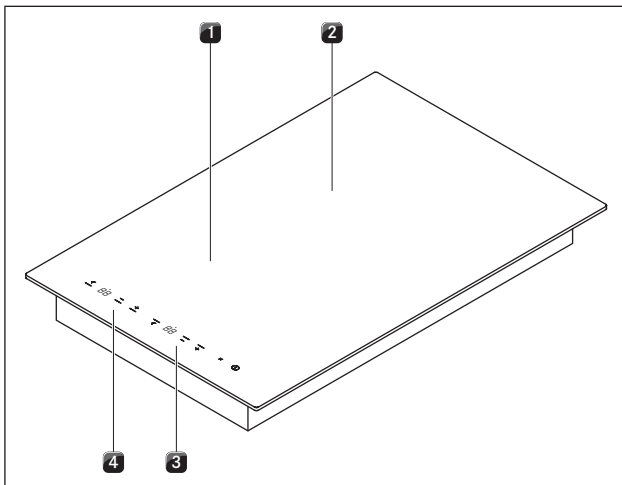


Fig. 4.1 Cooktop

- [1] Front cooking zone
- [2] Back hyper cooking zone
- [3] Operating panel for the back cooking zone
- [4] Operating panel for the front cooking zone

4.2 Operating panel and operating principle

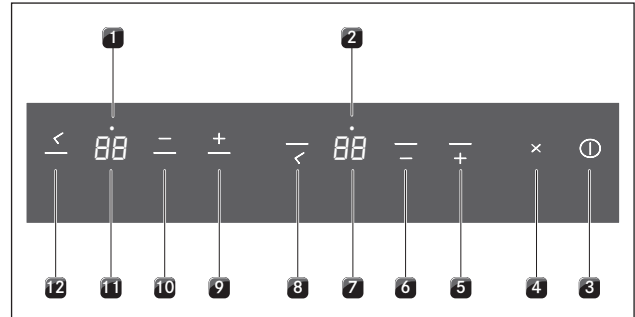


Fig. 4.2 Operating panel

Sensor keys:

- [3] switch cooktop on/off
- [4] Pause button

Back cooking zone:

- [5] increase power level
- [6] reduce power level
- [2] Indicator light for the activated timer
- [7] Cooking zone indicator
- [8] Timer button

Front cooking zone:

- [9] increase power level
- [10] reduce power level
- [1] Indicator light for the activated timer
- [11] Cooking zone indicator
- [12] Timer button

Display panel	Display	Meaning
Cooking zone indicator	1... 9	Power level
	HY	Hyper stage
	R	Automatic heat up function
	L	Child safety lock active
		Break
	u	Heat retention level
	P	Button pressed and held
	H	Residual heat display: Cooking zone is switched off but still hot (temperature > 60°C)
Cooking zone indicator lamp	On	Automatic cut-off (timer) activated
	Flashes	Timer on (00); no time set
	Off	Timer off
Timer display	0 1... 99	Set minutes for short time (alarm) or automatic cut-off (egg timer)
	00	Timer on; no time set

Tab. 4.1 Meaning of displays

Touch control

The operating panel is fitted with electronic sensor buttons and display panels. The sensor buttons respond to finger contact.

You operate the device by touching the corresponding sensor key with your finger. Keep the finger pressed on the sensor key until you either hear an acoustic signal or the display changes accordingly.

4.3 Functional principle

Under the cooking zone is a radiant heating element with a heating tape. When the cooking zone is switched on, the heating tape generates radiant heat, which radiates to the cooking zone and heats.

4.3.1 Power levels

The specifications provided in the following table are standard values.

Activity	Power level
Keeping cooked food warm at approx. 75°C	u
Melting of butter and chocolate, breaking up gelatine	1
Keeping sauces and soups warm, soaking rice	1-3
Cooking potatoes, pasta, soups, ragouts, steaming fruit, vegetables and fish, defrosting food	2-6
Frying in coated pans, moderate frying (without overheating the fat) of pork cutlets, fish	6-7
Heating up fat, browning fish, cooking thickened sources and soups, making omelettes	7-8
Cooking large quantities of liquid, browning steaks	9
Heating up water	P

Tab. 4.2 Recommendations for power levels

The specifications provided in the table are standard values.

Depending on the cookware and filling quantity, it is recommended to either decrease or increase the power level.

4.3.2 power setting

The back cooking zone (hyper cooking zone) is equipped with a power-enhancing power setting.

The power setting can be used in order to quickly heat up large quantities of water. If the power level is activated, the cooking zones will run at extra high power.

INFO Never heat up oil, fat and the like at this power setting. The bottom of the pan can overheat due to the high power output.

4.3.3 Automatic heat up function

The two cooking zones are equipped with an automatic heat up function that can be switched on and off.

■ The display shows R.

This function enables the cooking zone to work at full power for a certain duration after switching on. After this time, the power level is automatically switched back to the power level set.

Power level	1	2	3	4	5	6	7	8
Cooking duration in min:sec	00:50	01:30	02:30	03:40	05:20	09:00	02:30	04:00

Tab. 4.3 Overview of the automatic heat up function

4.3.4 Heat retention level

The heat retention level keeps cooked foods warm at approx. 75°C.

- \cup is displayed in the cooking zone indicator.
- The maximum duration for the warming function is limited to 2 hours.

4.3.5 Pause function

The cooking session can be briefly interrupted by pressing the multi-functional button.

- $||$ appears in the display.
- The cooking session and set timer are interrupted while the pause function is active.
- The pause function is limited to a maximum duration of 10 minutes.

4.3.6 Timer functions

You can use 2 timer functions:

- Short-time timer (egg timer), no automatic switching off of a cooking zone.
- Automatic cut-off for automatically switching off a cooking zone.

4.3.7 Suitable cookware

INFO The heating and heat through time for the base of the cookware as well as the cooking results are significantly influenced by the structure and material of the cookware.



Cookware with this symbol is suitable for radiant heating elements. The cookware used for radiant heating surfaces must be metal and have good heat conducting properties.

Suitable cookware is made of:

- Stainless steel, copper or aluminium
- enamelled steel
- cast iron
- ▶ Pay attention to the cookware bottom. The base of the cookware should not show any sign of curvature. Due to incorrect temperature monitoring of the hob caused by the air gap between the cookware and the temperature sensor underneath the hob, overheating may arise. The bottom of the cookware must not have any sharp grooves or sharp edges to avoid scratching the cooktop.
- ▶ Place the cookware (without a mat or similar) directly onto the glass ceramic.

4.4 Safety devices

4.4.1 Residual heat display

INFO While H is displayed in the cooking zone indicator (residual heat display), do not touch the cooking zone or place any heat-sensitive objects on top of it. Risk of burns and fire!

After switching it off, the cooking zone remains hot. H is displayed in the cooking zone indicator (residual heat indicator). The cooking zone indicator will go out after sufficient cooling time (temperature < 60°C).

4.4.2 Safety shut-down of the cooking zone

Each cooking zone is switched off automatically when the cooking zone in the power level exceeds the maximum operating duration. H (residual heat display) is then displayed in the cooking zone indicator.

Power level	\cup	1	2	3	4	5	6
Switch off after	02:00	08:40	06:45	05:15	04:20	03:30	02:45
hours:minutes							
Power level	7	8	9				
Switch off after	02:20	01:45	01:30				
hours:minutes							

Tab. 4.4 Overview of the safety shut-down

- ▶ Switch the cooking zone back on (see Operating control) if you want to put the cooking zone back into operation.

4.4.3 Cooking zone overheating protection

All cooking zones are equipped with overheating protection (indoor temperature limiter), which prevents the overheating of the glass ceramic panel. If the overheating protection is triggered, heating at the highest power level that can be set also switches off and on.

4.4.4 Automatic switch-off if the button is pressed and held

The cooktop will be switched off automatically when one or more sensor buttons are touched for longer than 10 seconds (finger contact, objects, soiling).

- The display shows r' .
- After a few seconds, the cooktop will switch off.
- ▶ Remove the finger or object from the cooktop.
- ▶ Clean the cooktop as required.
- ▶ Where necessary, switch the cooktop back on.

5 Installation

- ▶ Observe all safety and warning information (see Safety chapter).
- ▶ Follow the enclosed manufacturer's information.

INFO The device may not be installed above cooling devices, dishwashing machines, stoves, baking ovens as well as washing and drying machines

INFO The contact surface of the worktops and the wall sealing strip must be made of a heat-resistant material (up to approx. 90 °C).

INFO Countertop cut-outs must be moisture-sealed using suitable means, where necessary fitted with a thermal insulator.

INFO If the glass ceramic induction wok is used, the rebate dimensions must be increased to 7 mm for flush installation!

5.1 Checking the deliverables

Name	Quantity
Operating and installation instructions	1
Fixing screw set for cooktop	1
Sealing tape	1
Cooktop	1
Glass ceramic scraper	1
Height compensation plate set	1
Mounting straps set for cooktop	1
Glass ceramic cleaning instructions	1

Tab. 5.1 Scope of delivery

- ▶ Check the scope of delivery for damage and make sure it is complete (see Tab. 5.1).
- ▶ If there are any missing or damaged parts, please notify BORA Customer Services.
- ▶ Do not under any circumstances install parts which are damaged.
- ▶ Dispose of transport packaging in the proper manner (see Decommissioning and Disposal chapter).

5.2 Tool and aids

The following tools are required for the correct installation of the cooktop:

- Phillips screwdriver Z2
- Silicone for sealing cutting surfaces

5.3 Assembly instructions

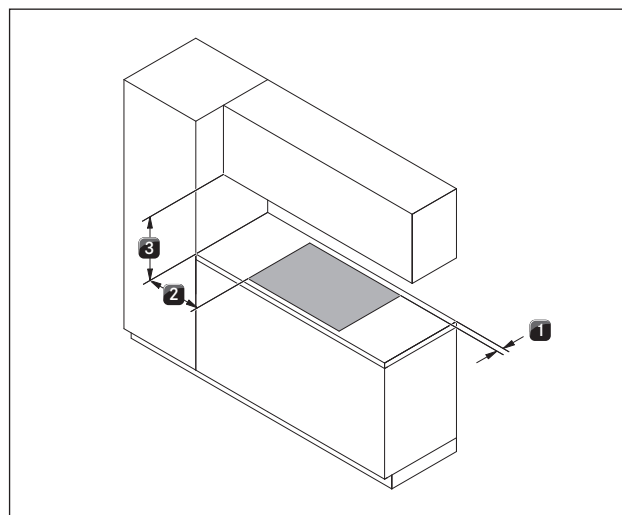


Fig. 5.1 Recommended minimum clearances

5.3.1 Safety distances

- ▶ Maintain the following safety distances:
 - [1] Minimum distance of 50 mm at the back from of the worktop cut-out to the rear edge of the worktop.
 - [2] Minimum distance of 50 mm from the left and right of the worktop cut-out to the adjacent cabinet or wall. For ergonomic reasons and to ensure efficient cooktop extraction, a minimum clearance of 300 mm is recommended.
 - [3] Minimum distance of 700 mm between the worktop and the wall unit. A minimum clearance of 1000 mm is recommended for ergonomic reasons.

5.4 Cut-out dimensions

Preparing the worktop

- ▶ Create the worktop cut-out.
- ▶ Make sure that the cutting surfaces of the worktops are properly sealed.
- ▶ Observe the instructions provided by the worktop manufacturer.

Flush installation

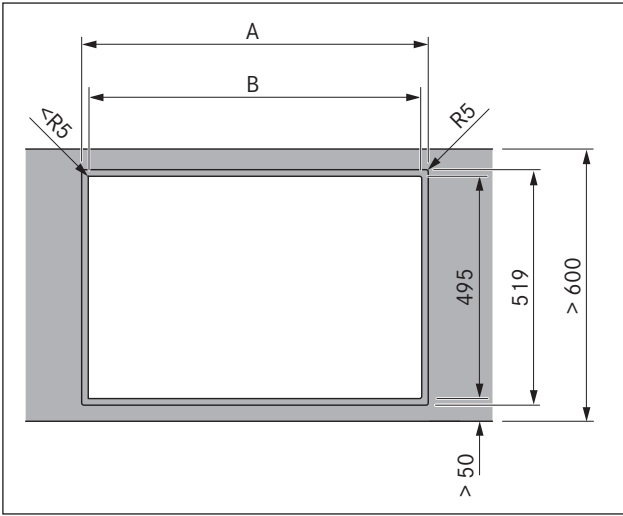


Fig. 5.2 Flush installation

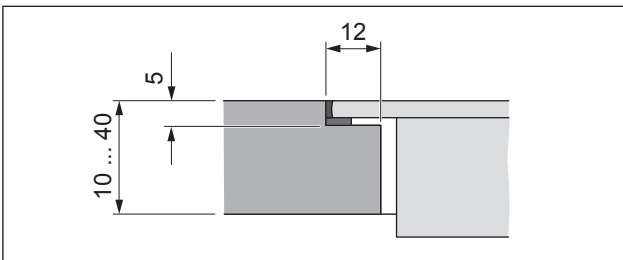


Fig. 5.3 Flush installation cut

Surface installation

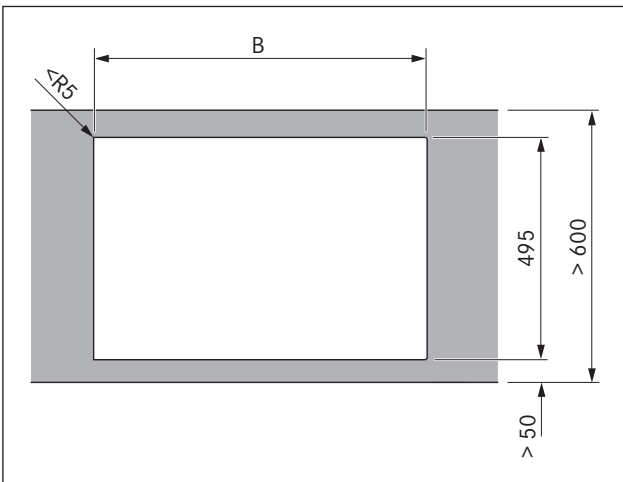


Fig. 5.4 Surface installation

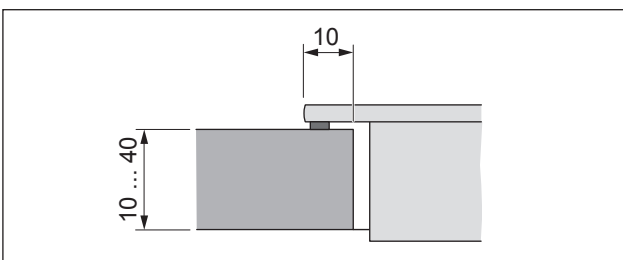








Fig. 5.5 Surface mounting cut

Cut-out dimensions when installing cooktops or cooktops and the BORA cooktop extractor next to each other:

Cooktops / cooktop extractor	A in mm	B in mm
	1/0	344
	2/0	685
	3/0	1026
	2/1	776
	3/2	1208
	4/2	1549

Tab. 5.2 Cut-out dimensions

Attaching the sealing tape

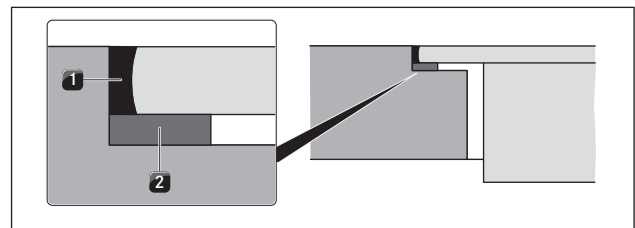


Fig. 5.6 Sealing tape, flush installation

- [1] Black heat-resistant silicone sealing compound
- [2] Sealing tape

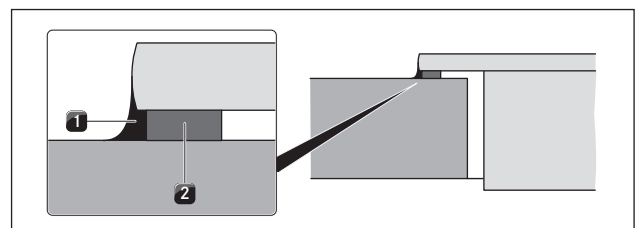


Fig. 5.7 Sealing tape with surface installation

- [1] Black heat-resistant silicone sealing compound
- [2] Sealing tape

- The side of the device adjacent to the extraction system does not require a sealing tape. Otherwise, the extraction frame could be damaged.
- ▶ With surface installation, attach the enclosed sealing tape [2], except for the side that is in contact with the extraction system, on the underside of the device before installing it. Do not leave any gaps.
- ▶ With flush installation, attach the enclosed sealing tape to the horizontal cutting edge in the worktop cut-out,

even if you seal the cooktop with a silicone sealing compound [1] or similar.

- ▶ Note down the type designation and build number of the device (FD number) on the back of this manual. Both designations can be found on the nameplate on the underside of the device.

5.5 Installing the cooktop

INFO A gap of one millimetre should be planned between the built-in appliances.

INFO A gap of two millimetres should be planned around the built-in appliances.

INFO Cable protection (a false floor) should be mounted below the devices. This needs to be removable for maintenance work.

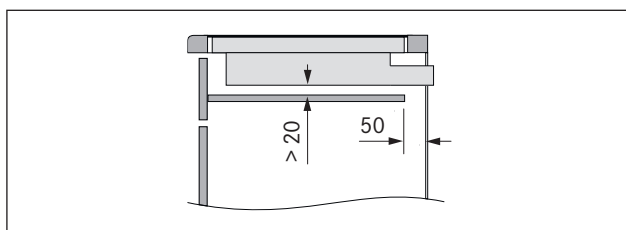


Fig. 5.8 Side view of the cable protection and ventilation

- Cross bars on the unit in the area of the worktop cut-out may need to be removed.
- The drawers and/or shelves in the floor unit must be removable for maintenance and cleaning purposes.

5.5.1 Installing the cooktop

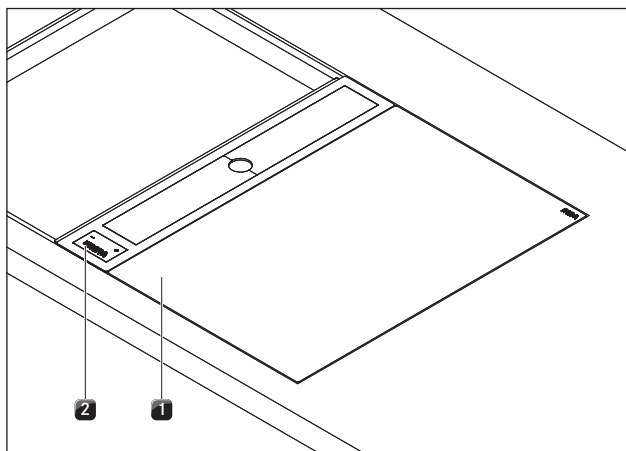


Fig. 5.9 Built-in cooktop with cooktop extractor

- ▶ Insert the cooktop [1] next to the cooktop extractor [2] already installed in the centre.

INFO The cooktop [1] rests on the lateral bar of the cooktop extractor [2] and is thereby stabilised.

- ▶ Align the cooktop [1] exactly.
- ▶ Adjust the installation height of the cooktop with the height compensation plates, if necessary.

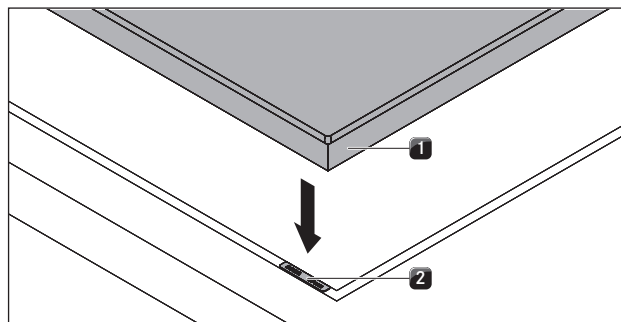


Fig. 5.10 Cooktop and height compensation plates

- [1] Cooktop
- [2] Height compensation plates

For surface installation

- ▶ Make sure that the sealing tape of the cooktop is resting on the worktop.

For flush installation

- ▶ Make sure that the sealing tape of the cooktop is sealed well all the way round.

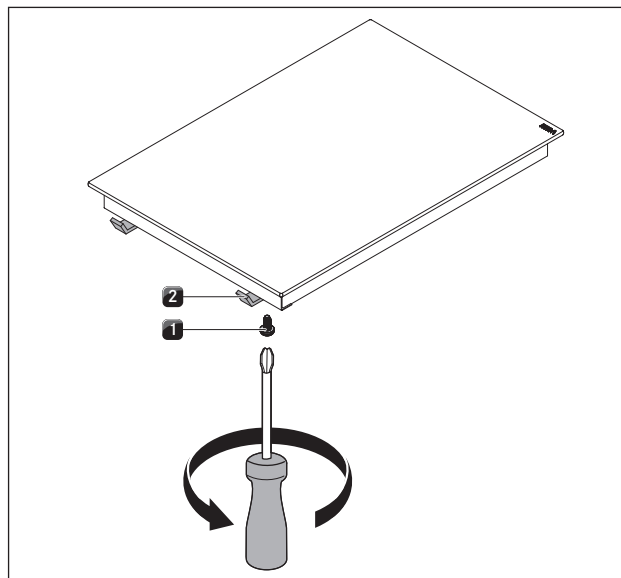


Fig. 5.11 Mounting brackets

- [1] Screw
- [1] Mounting bracket

- ▶ Fasten the cooktop [1] using the mounting brackets [2].
- ▶ Tighten the mounting bracket screws [1] with max. 10 Nm.
- ▶ Verify that the alignment is correct.
- ▶ Seal the devices with black heat-resistant silicone sealing compound after the installation work is completed.

5.6 Power connection

- ▶ Observe all safety and warning information see the chapter safety.
- ▶ Observe all national and regional laws and regulations as well as the supplementary regulations of the local utility companies.

INFO The power connection must only be implemented by a certified engineer. He/she also assumes responsibility for the proper installation and commissioning.

The power supply line for use (pre-assembled) must be at least Type H05VV-F or H05VVH2-F.

- Cross-section: 3G 1,5 mm²
- If the supply line is damaged, it must be replaced by a specific one. This must be done by an authorized Customer Service agent.

Establishing the power connection

- ▶ Switch off the main switch/automatic circuit breaker before connecting the cooktop.
- ▶ Protect the main switch/automatic circuit breaker from being switched on without permission.
- ▶ Make sure the device is not energised.
- ▶ Connect the power cable.
- ▶ Connect the cooktop directly through a fixed connection to a power supply line.

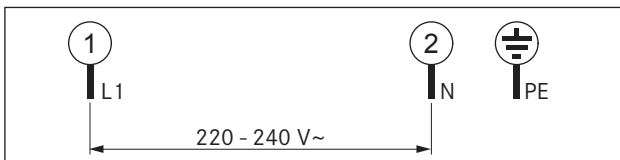


Fig. 5.12 Single-phase wiring diagram

- ▶ Verify that the installation was done correctly.
- ▶ Switch on the main switch/automatic circuit breaker.
- ▶ Put the cooktop extractor into operation (see the Operation chapter).
- ▶ Check all the functions are working correctly.

5.7 Handover to user

Once installation is done:

- ▶ Explain the important functions to the user.
- ▶ Explain all safety-relevant aspects of operation and handling to the user.
- ▶ Provide the user with the accessories and operating and installation instructions to be kept in a safe place.

6 Operation

- ▶ Observe all safety and warning information during operation (see Safety chapter).

INFO The cooktop may only be operated when the stainless steel grease filter of the cooktop extractor is installed (see operating instructions for cooktop extractor).

INFO Clean the cooking zone before using the cooktop for the first time (see Cleaning chapter).

6.1 Switching cooktop on/off

Switching on

- ▶ Press **ⓘ** to switch on the cooktop. The power level **0** is displayed in the cooking zone indicators.
- If no power level is set after switching on the device, the cooktop will turn off after a few seconds.

Switching off

INFO Use the operating panel to switch off the cooking zone after use.

- ▶ Press **ⓘ** to switch off the cooktop.
- ▶ Pay attention to the residual heat display (see Device Description chapter).

6.1.1 Switching on the cooking zone

- ▶ Press the button **+** for the desired cooking zone. The **0** in the cooking zone indicator lights up more brightly.

6.1.2 Adjusting the power level

- ▶ Press **+** to set power level **5** **-** to set power level **9**.

6.1.3 Changing the power level

- ▶ Press **+** or **-** until the required power level is shown in the cooking zone indicator.

6.1.4 Switching on the power setting

INFO The back cooking zone is equipped with a power-enhancing power setting.

If the cooking zone is operated with the power setting **HY**, the operation of the other cooking zones is possible up to a maximum power level of **5**.

If the power setting is increased to **5**, the power level will switch back to **P**.

- ▶ Continue pressing **+** until power level **HY** is displayed in the cooking zone indicator.

6.1.5 Switching the power setting off early

- ▶ Continue pressing **-** until the lower power level that you want is displayed.

6.1.6 Switching off the cooking zone

INFO If a cook zone indicator shows **H**, the cooking zone is still hot.

- ▶ Continue pressing **+** or **-** until the cooking zone indicator displays power level **0**. The display will show a **0** for a few seconds.
- ▶ Press **+** and **-** simultaneously.

6.1.7 Pause function

INFO The pause function switches off automatically after 10 minutes.

- ▶ Press the pause button **×** on the cooktop to interrupt the cooking session for a short time.
- **#** is displayed in the cooking zone indicator.
- ▶ Press the pause button again **×** and then the **+** or **-** to end the pause function.

By pressing the **ⓘ** button when the pause function is active, the previous setting can be activated again within 6 seconds.

To do so, press the **ⓘ** button and then **×**.

6.1.8 Automatic heat up function

Switching on the automatic heat up function

Prerequisite

- The cooktop is switched on.
- All cooking zones are switched off.
- ▶ Press the **+** and **-** buttons on the cooktop.
- ▶ Use the **-** button to select (within 5 seconds) the desired power level (continuous cooking stage), which should be used to continue the cooking session after the end of the automatic heat up function.
- The cooking zone indicator will display the symbol **H** to show that the automatic heat up function is activated and the continuous cooking stage set, for example **5**.
- If a higher continuous cooking stage is selected during the automatic heat up function, the new duration of the selected stage will automatically be taken over.

Switching off the automatic heat up function

The activated automatic heat up function will end prematurely if you

- ▶ press the **-** on the cooking zone.
- ▶ activate the power setting **HY**.
- ▶ activate the heat retention level **U**.
- ▶ switch off the cooktop with the **ⓘ** button.

6.1.9 Heat retention level

- A cooking zone is in operation.
- The power level *l* is activated.
- ▶ Press **[-]** to set the heat retention level *u*.
- After 2 seconds, the cooking zone will automatically switch off.

6.1.10 Using the timer function

You can use 2 timer functions:

- Short-time timer (egg timer), no automatic switching off of a cooking zone.
- Automatic cut-off for automatically switching off a cooking zone.

You can set a time range of between 1 and 99 minutes for both timer functions.

- ▶ If you press **[+]** first, 1 minute will be pre-set as the starting time.
- ▶ If you press **[-]** first, 30 minutes will be pre-set as the starting time.

Switching off the timer signal tone

- ▶ Press any sensor button on the operating panel to end the signal tone prematurely.

Setting the short-time timer (egg timer)

You can set a short-time timer for each cooking zone.

INFO The control light on the active cooking zones shows that the short-time timer is activated. The remaining time is displayed.

After the end of the time set, 00 will be displayed for a few seconds on the timer display. A signal tone will sound for a few seconds.

Prerequisite

- The cooktop must be switched on.
- ▶ Press the timer button **[<]** or **[>]**.
- Each control light will blink and 00 will appear in the cooking zone display.
- ▶ Press **[+]** or **[-]** to set the required time.
- Activation will take place within 10 seconds of the last activation of the button.
- If the cooktop is switched off with the on/off button **[i]**, the cooking zone control light will become active and the remaining time will be displayed.

Changing the timer settings

- ▶ Press **[i]** to switch on the cooktop.
- The timer control light blinks.
- ▶ Press **[+]** or **[-]** to set the required time.

Setting the automatic cut-off

You can set an automatic cut-off for every cooking zone.

INFO The control light on the active cooking zones shows that the automatic cut-off is activated. The remaining time is displayed.

After the end of the time set, the cooking zone turns off automatically.

Prerequisite

- A cooking zone has been selected.
- A power level was set.
- ▶ Press the timer button **[<]**.
- The relevant cooking zone blinks and 00 appears in the cooking zone display.
- ▶ Press **[+]** or **[-]** to set the required time.
- ▶ Press the timer button **[<]** again to activate it.
- Activation will take place within 10 seconds of the last activation of the button.

Changing the timer settings

- ▶ Press the timer button **[<]** for the cooking zone for which you want to change the time.
- The relevant control light blinks.
- ▶ Press **[+]** or **[-]** to set the required time.

Switching the timer off early

- ▶ Press the time button **[<]** for the cooking zone for which you want to switch off the timer.
- The relevant control light blinks.
- ▶ Press **[-]** until the timer display shows 00,
- or
- ▶ press **[+]** and **[-]** at the same time. The time in the timer display is immediately set to 00.

6.1.11 Activating/deactivating the childproofing feature

INFO If a cooking zone shows *L* then *H* alternately, the cooking zone is still hot.

Activating the child safety lock

Prerequisites:

- The cooktop is switched on.
- All cooking zones are switched off.
- ▶ Press the sensor buttons **[+]** for the front and **[-]** back cooking zone at the same time. Then press the sensor button **[+]** for the front cooking zone again.
- Both cooking zone indicators will display *L*. The child safety lock is activated.

Deactivating the child safety lock for a cooking session

INFO If a cooking zone indicator alternately shows *L* and *H*, the cooking zone is still hot.

Prerequisites:

- The cooktop is switched on.
- ▶ Press the sensor buttons **+** for the front and **-** back cooking zone at the same time.
- All cooking zone indicators show the power level **0**. The child safety lock is deactivated.

The power level you require can now be set for each cooking zone.

After the cooktop has been switched off, the child safety lock is activated again.

Deactivating the child safety lock

INFO If a cooking zone indicator alternately shows **0** and **H**, the cooking zone is still hot.

Prerequisites:

- The cooktop is switched on.
- ▶ Press the sensor buttons **+** for the front and **-** back cooking zone at the same time. Then press the sensor button for the **-** back cooking zone again.
- The child safety lock is deactivated.

7 Cleaning and Maintenance

- ▶ Observe all safety and warning information (see the Safety chapter).
- ▶ Follow the enclosed manufacturer's information.
- ▶ Make sure that the cooktop and cooktop extractor have been switched off completely and have cooled down prior to the planned cleaning and maintenance work to prevent injury (see the Operation chapter).
- Regular cleaning ensures the longevity of the product and optimal functioning.
- ▶ Adhere to the following cleaning and maintenance cycles:

Component	Cleaning cycle
Control panel	immediately after every soiling
Cooktop	immediately after every soiling every week thoroughly with standard commercially available cleaning agents

Tab. 7.1 Cleaning cycles

7.1 Cleaning agents

INFO Due to the use of aggressive cleaning agents and abrasion caused by the pot bases the surface will become damaged and dark stains will occur.

You need a special glass ceramic scraper and suitable cleaning agents to clean the cooktop.

- ▶ Never use steam cleaners, abrasive sponges, scouring pads, or chemically aggressive cleaning agents (e.g. baking oven spray).
- ▶ Make sure that the cleaning agent does not contain any sand, soda, acids or chloride.

7.2 Maintaining the cooktop

- ▶ Do not use the cooktop as a worktop or shelf.
- ▶ Do not push or pull cookware across the cooktop.
- ▶ Always lift pots and pans.
- ▶ Keep the cooktop clean.
- ▶ Remove any kind of soiling immediately.

- ▶ Only use cookware which is suitable for glass ceramic cooktops (see the Device description chapter).

7.3 Cleaning the cooktop

INFO When the cooktop extractor is switched on, the stainless steel grease filter must be installed to ensure that no small and light objects, such as cleaning wipes made of fabrics or paper are sucked in (see operating instructions for the cooktop).

- ▶ Make sure that the cooktop is switched off (see the Operating chapter).
- ▶ Wait until all cooking zones are cold.
- ▶ Remove all coarse soiling and food residues from the cooktop with a glass ceramic scraper.
- ▶ Apply the cleaning agent onto the cold cooktop.
- ▶ Rub the cleaning agent with a paper towel or a clean cloth.
- ▶ Wipe off the cooktop while wet.
- ▶ Rub the cooktop dry with a clean cloth.

When the cooktop is hot:

- ▶ Immediately remove molten residues of plastic, aluminium film, sugar or foods containing sugar with a glass ceramic scraper from the hot cooking zone to prevent burning them in.

Heavy soiling

- ▶ Remove heavy soiling and stains (limescale stains, pearly shimmering stains) with cleaning agents while the cooktop is still warm.
- ▶ Soften dried dirt residues using a damp cloth.
- ▶ Remove dirt residues with the glass ceramic scraper.
- ▶ Always remove grains, crumbs or similar which fall onto the cooktop during general cooking work right away to prevent the surface from being scratched.

Coloured changes and shiny surfaces are not cooktop damage. They do not impact on the function of the cooktop and the stability of the glass ceramic. Discolourations to the cooktop arise from residues which are not removed and have been burnt in. Glossy spots are caused by the abrasion of the pot base, especially when using cooking utensils with aluminium bases, or by unsuitable cleaning agents. They are very hard to remove.

8 Troubleshooting

Observe all safety and warning information (see Safety chapter).

Operating situation	Cause	Remedy
The cooktop cannot be switched on.	The fuse or the automatic circuit breaker of the electrical installation of the apartment and/or house is defective.	Replace the fuse. Switch the safety cut-out back on.
	The fuse or the automatic circuit breaker trips several times.	Call the BORA Service Team.
	The power supply is disconnected.	Have a specialist electrician inspect the power supply.
Odours and vapours arise when the new cooktop is put into operation.	This is normal on brand-new appliances.	Wait a few operating hours. Contact the BORA Service Team if the odour persists.
L is displayed in the cooking zone indicator.	The child safety lock is activated.	Switch off the childproofing feature (see Operation chapter).
r is displayed in the cooking zone indicator.	Press and hold one or more buttons.	Clean the control panel or remove objects (see Device description chapter).
E is displayed in the cooking zone indicator.	The associated cooking zone or a power element is defective.	Note the error number and contact BORA customer service.
A cooking zone or the entire cooktop switches off automatically.	The operating time of a cooking zone has been exceeded.	Put the cooking zone back into operation (see Operating chapter).
	The overheat protection has tripped.	(see Device Description chapter)
The power setting is automatically shut off prematurely.	The overheat protection has tripped.	(see Device Description chapter)

Tab. 8.1 Resolving a fault

► In all other instances, call the BORA Service Team (see the Warranty, service and spare parts chapter).

9 Decommissioning, disassembly and disposal

- ▶ Observe all safety and warning information (see Safety chapter).
- ▶ Follow the enclosed manufacturer's information.

9.1 Decommissioning

Decommissioning is considered the final decommissioning and disassembly. After decommissioning, the device can either be built into another piece of furniture, sold on privately, or disposed of.

INFO Disconnecting and connecting the electricity and gas connection may only be carried out by certified experts.

- ▶ Switch off the device before decommissioning (see Operating chapter)
- ▶ Disconnect the device from the voltage supply.

9.2 Disassembly

The removal requires that the device is accessible for disassembly and was separated from the voltage supply. On gas-powered devices, make sure that the gas connection is complete.

- ▶ Undo the mounting brackets.
- ▶ Remove the silicone joints.
- ▶ Remove the device from the worktop upwards.
- ▶ Remove further accessory parts.
- ▶ Remove the old appliance and dirty accessory as described under "Disposing of the product in an environmentally friendly way".

9.3 Disposing of the product in an environmentally friendly way

Disposal of transport packaging

INFO The packaging protects the device against transport damages. The packaging is made of materials that are environmentally friendly and easy to dispose of and can therefore be recycled.

Returning the packaging material into the material cycle saves resources and reduces the waste production. Your specialist supplier will take the packaging back.

- ▶ Hand the packaging to your specialist supplier or
- ▶ Dispose of the packaging properly taking into account the regional regulations.

Disposing of the old appliance



Electrical devices marked with this symbol should not be disposed of as household waste at the end of its life. They must be taken to a collection centre for recycling electrical or electronic non-heating appliances. For information, please contact your city or local authorities.

Waste electric and electronic equipment often still contains valuable materials. They do, however, also contain harmful substances that were required for their correct functioning and safety. When disposed of in the residual waste or if not handled correctly, they may cause harm to the health of people and the environment.

- ▶ Therefore do not dispose of your old appliance as household waste.
- ▶ Take the old appliance to a regional collection centre for return and recycling of electronic and electrical parts and other materials.

10 Warranty, service and spare parts

- ▶ Observe all safety and warning information (see Safety chapter).

10.1 Warranty

The warranty period shall be 2 years.

10.2 Service

BORA Service:

see reverse side of operating and assembly instructions



- ▶ In the case of faults you cannot fix yourself, contact your BORA specialist supplier or the BORA Service Team.

The After Sales Service will require the type designation and the serial number of your device (FD number). This information is provided on the nameplate or on the back of the manual as well as on the device.

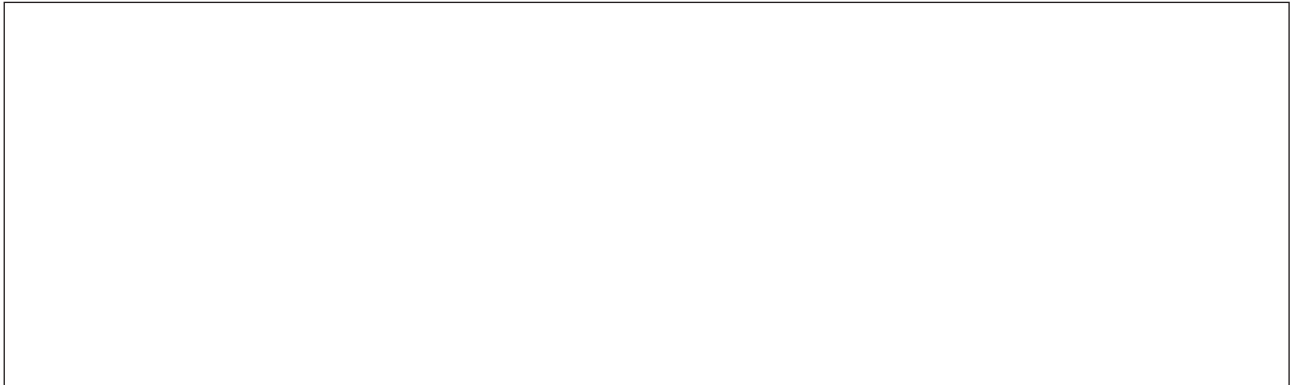
10.3 Spare parts

- ▶ Only use original spare parts when making repairs.

INFO Spare parts can be obtained from your BORA dealer, the BORA online service website at www.bora.com/service or by calling the service number provided.

11 Notes:

Nameplate:



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