

Operating and installation instructions

Ceramic cooktops with induction



To prevent the risk of accidents or damage to the appliance, it is **essential** to read these instructions before it is installed and used for the first time.

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Warning and Safety instructions

This appliance conforms to current safety requirements. Inappropriate use can, however, lead to personal injury and damage to property. To avoid the risk of accidents and damage to the appliance, please read these instructions carefully before using it for the first time. They contain important notes on installation, safety, use and maintenance. Miele cannot be held liable for non-compliance with these instructions. Keep these instructions in a safe place and ensure that new users are familiar with the contents. Pass them on to any future owner.

Correct application

- ▶ This cooktop is designed for domestic use and for use in similar environments by guests in hotel or motel rooms, bed & breakfasts and other typical living quarters. This does not include common/shared facilities or commercial facilities within hotels, motels or bed & breakfasts.
- ▶ This cooktop is not suitable for outdoor use.
- ▶ It is intended only to cook food and keep it warm. Any other use is not supported by Miele and could be dangerous.
- ▶ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning its use by a person responsible for their safety, and are able to recognise the dangers of misuse.

Warning and Safety instructions

Safety with children

- ▶ Young children must not be allowed to use this appliance.
- ▶ Older children may only use the appliance when its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.
- ▶ Cleaning may only be carried out by older children under the supervision of an adult.
- ▶ Please supervise children in the vicinity of the cooktop and do not let them play with it.
- ▶ The cooktop gets hot when in use and remains hot for a while after being switched off. Keep children well away from the cooktop until it has cooled down and there is no danger of burning.
- ▶ **Danger of burning!**
Do not store anything which might arouse a child's interest in storage areas above or next to the cooktop. Otherwise they could be tempted into climbing onto the appliance.
- ▶ **Danger of burning or scalding!**
Place pots and pans on the cooking zone in such a way that children cannot pull them down and burn themselves.
- ▶ **Danger of suffocation!** Children may be able to wrap themselves in packing material or pull it over their heads with the risk of suffocation. Keep children away from any packing material.
- ▶ Activate the system lock to ensure that children cannot switch on the cooktop inadvertently.

Technical safety

- ▶ Repairs and other work by unqualified persons could be dangerous. Installation, maintenance work and repairs to electrical appliances must only be carried out by a Miele approved service technician.
- ▶ A damaged appliance is dangerous. Check it for any visible damage. Never install or attempt to use a damaged appliance.
- ▶ Reliable and safe operation of this cooktop can only be assured if it has been connected to the mains electricity supply.
- ▶ The electrical safety of this appliance can only be guaranteed when continuity is complete between it and an effective earthing system. It is most important that this basic safety requirement is present and tested regularly and, where there is any doubt, the household wiring system should be inspected by a qualified electrician.
- ▶ To avoid the risk of damage to the cooktop, make sure that the connection data on the data plate (voltage and frequency) match the mains electricity supply before connecting it to the mains. Consult a qualified electrician if in doubt.
- ▶ Do not connect the cooktop to the mains electrical supply by a multi-socket adapter or extension lead. These are a fire hazard and do not guarantee the required safety of the appliance.
- ▶ For safety reasons, this cooktop may only be used after it has been built in.
- ▶ This appliance must not be installed and operated in mobile installations (e.g. on a ship).
- ▶ Never open the casing of the cooktop.
Touching or tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operational faults.

Warning and Safety instructions

- ▶ The manufacturer's warranty will be invalidated if the appliance is not repaired by a Miele approved service technician.
- ▶ Faulty components must only be replaced by genuine Miele spare parts. The manufacturer can only guarantee the safety of the appliance when Miele replacement parts are used.
- ▶ The cooktop is not intended for use with an external timer switch or a remote control system.
- ▶ The cooktop must be connected to the electricity supply by a qualified electrician (see "Electrical connection").
- ▶ If the mains connection cable is damaged, it must be replaced with a special connection cable type H 05 VV-F (PVC insulated), available from Miele, by a Miele approved service technician or suitably qualified electrician in order to avoid a hazard. See "Electrical connection".
- ▶ During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply. It is only completely isolated from the electricity supply when:
 - the mains circuit breaker is switched off, or
 - it is switched off at the wall socket and the plug is withdrawn from the socket. Do not pull the mains connection cable but the mains plug to disconnect your appliance from the mains electricity supply.
- ▶ **Danger of electric shock!**
Do not use the cooktop if it is faulty, or if the ceramic surface is cracked, chipped or damaged in any way. Switch it off immediately, disconnect it from the mains electricity supply and contact Miele.

Warning and Safety instructions

- ▶ If the cooktop is installed behind a furniture panel (e.g. a door), ensure that the door is never closed whilst the cooktop is in use. Heat and moisture can build up behind a closed furniture panel and cause subsequent damage to the cooktop, the housing unit and the floor. Do not close the door until the residual heat indicators have gone out.
- ▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the appliance and its surroundings clean at all times. Any damage caused by cockroaches or other vermin will not be covered by the warranty.
- ▶ Do not modify this appliance.

Warning and Safety instructions

Correct use

- ▶ The cooktop gets hot when in use and remains hot for a while after being switched off. There is a danger of burning until the residual heat indicators go out.
- ▶ Due to the high temperatures radiated, objects left near the cooktop when it is in use could catch fire.
Do not use the cooktop to heat up the room.
- ▶ Oil and fat can overheat and catch fire. Do not leave the cooktop unattended when cooking with oil and fat. If it does ignite, do not attempt to put the flames out with water.
Disconnect the cooktop from the mains and use a suitable fire blanket, saucepan lid, damp towel or similar to smother the flames.
- ▶ Flames could set the grease filters of a rangehood on fire. Do not flambé under a rangehood.
- ▶ Spray canisters, aerosols and other inflammable substances can ignite when heated. Therefore do not store such items or substances in a drawer under the cooktop. Cutlery inserts must be heat-resistant.
- ▶ Do not heat an empty pan.
- ▶ Do not heat up food in closed containers e.g. tins or sealed jars on the cooktop, as pressure can build up in the container, causing it to explode.
- ▶ Do not cover the cooktop, e.g. with a cooktop cover, a cloth or protective foil. The material could catch fire, shatter or melt if the cooktop is switched on by mistake or if residual heat is still present.

Warning and Safety instructions

- ▶ When the appliance is switched on either deliberately or by mistake, or when there is residual heat present, there is the risk of any metal items left on the cooktop heating up, with the danger of burning. Depending on the material, other items left on the cooktop could also melt or catch fire. Damp pan lids might adhere to the ceramic surface and be difficult to dislodge. Do not use the appliance as a resting place. Switch the cooking zones off after use and do not rely on the pan detector.
- ▶ You could burn yourself on the hot cooktop. Protect your hands with heat-resistant pot holders or gloves when handling hot pots and pans. Do not let them get wet or damp, as this causes heat to transfer through the material more quickly with the risk of scalding or burning yourself.
- ▶ When using an electrical appliance, e.g. a hand-held food blender, near the cooktop, ensure that the cable of the electrical appliance cannot come into contact with the hot cooktop. The insulation on the cable could become damaged.
- ▶ Grains of salt, sugar and sand (e.g. from cleaning vegetables) can cause scratches if they get under pan bases. Make sure that the ceramic surface is clean before placing pans on it.
- ▶ Even a light object can cause damage in certain circumstances. Do not drop anything on the ceramic surface.
- ▶ Placing hot pans on the sensors and indicators could damage the electronics underneath. Do not place hot pans on the sensors or indicators.
- ▶ Do not allow solid or liquid sugar, or pieces of plastic or aluminium foil to get onto the cooking zones when they are hot, as they can damage the ceramic surface when it cools down. If this should occur, switch off the appliance and scrape off all the sugar, plastic or aluminium residues whilst still hot, using a shielded scraper blade. Wear oven gloves. Allow the cooking zones to cool down and clean them with a suitable ceramic cooktop cleaning agent.

Warning and Safety instructions

- ▶ Pans which boil dry can cause damage to the ceramic glass. Do not leave the cooktop unattended whilst it is being used.
- ▶ Only use pots and pans with smooth bases. Rough bases will scratch the ceramic glass.
- ▶ Lift pans into position on the cooktop. Sliding them into place can cause scuffs and scratches.
- ▶ Induction heating works extremely quickly. Therefore, the base of the pan could heat up to the temperature at which oil or fat self-ignites within a very short time. Do not leave the cooktop unattended whilst it is being used.
- ▶ Heat oil or fat for a maximum of one minute. Do not use the Booster function to heat oil or fat.
- ▶ For people fitted with a heart pacemaker: Please note that the area immediately surrounding the cooktop is electromagnetically charged. It is very unlikely to affect a pacemaker. However, if in any doubt, consult the manufacturer of the pacemaker or your doctor.
- ▶ To prevent damage to items which are susceptible to electromagnetic fields, e.g. credit cards, digital storage devices, pocket calculators, etc., do not leave them in the immediate vicinity of the cooktop.
- ▶ Metal utensils stored in a drawer under the cooktop can become hot if the appliance is used intensively for a long time. Do not store any metal items or utensils in a drawer under the cooktop.
- ▶ This cooktop is fitted with a cooling fan. If a drawer is fitted directly underneath the cooktop, ensure that there is sufficient space between the drawer and its contents and the underside of the appliance in order to ensure sufficient ventilation of the cooktop. Do not store pointed or small items or paper in the drawer. They could get in through the ventilation slots or be sucked into the housing by the fan and damage the fan or impair cooling.

Warning and Safety instructions

- ▶ Do not use two pans on a cooking zone, extended zone or PowerFlex zone at the same time.
- ▶ If the pan only partially covers the cooking zone, the handle could become very hot.
Ensure that you always place the pan in the middle of the cooking zone.

Cleaning and care

- ▶ Do not use a steam cleaning appliance to clean this appliance.
The steam could reach the electrical components and cause a short circuit.
- ▶ If the cooktop is built in over a pyrolytic oven, the cooktop should not be used whilst the pyrolytic process is being carried out, as this could trigger the overheating protection mechanism on the cooktop (see relevant section).

Caring for the environment

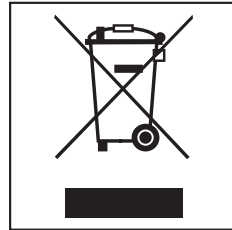
Disposal of the packing material

The transport and protective packaging has been selected from materials which are environmentally friendly for disposal, and can normally be recycled.

Recycling the packaging reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites. Ensure that any plastic wrappings, bags etc. are disposed of safely and kept out of the reach of babies and young children. Danger of suffocation.

Disposing of your old appliance

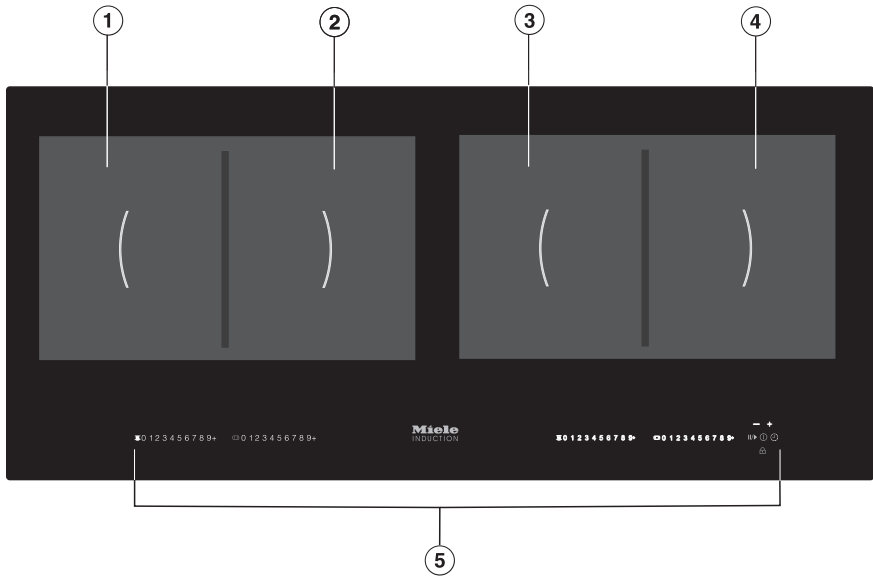
Electrical and electronic appliances often contain materials which, if handled or disposed of incorrectly, could be potentially hazardous to human health and to the environment. They are, however, essential for the correct functioning of your appliance. Therefore, please do not dispose of your old appliance with your household waste.



Please dispose of it at your local community waste collection / recycling centre.

Ensure that your old appliance presents no danger to children while being stored for disposal.

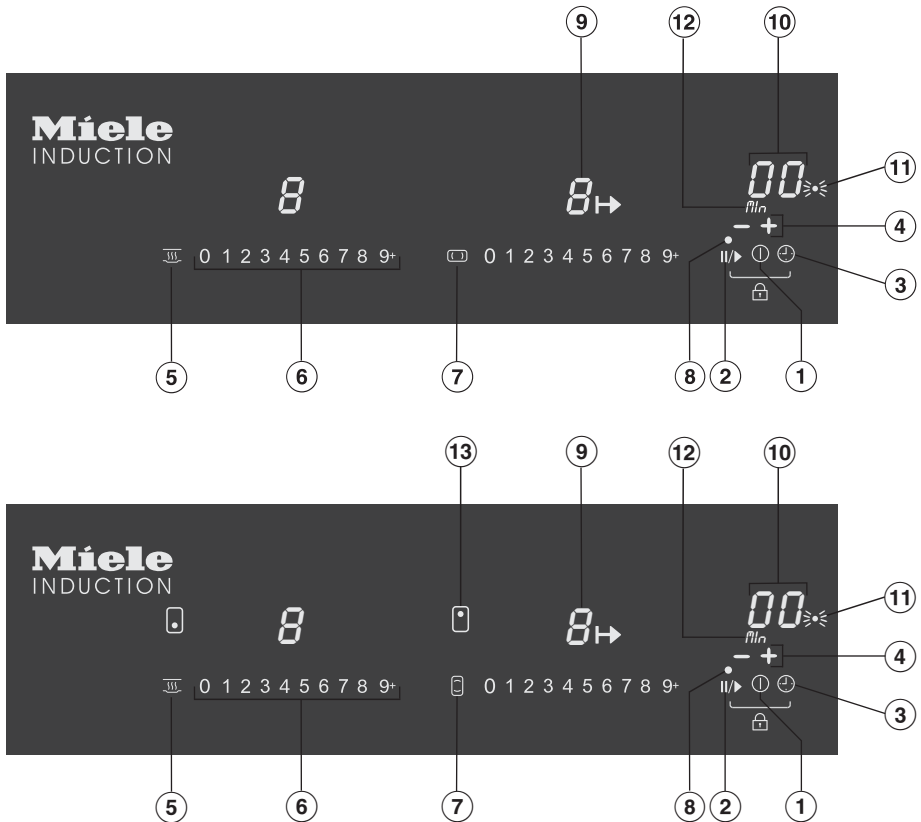
Cooktop



- ① PowerFlex cooking zone with TwinBooster
- ② PowerFlex cooking zone with TwinBooster
- ①② can be combined to form PowerFlex cooking area
- ③ PowerFlex cooking zone with TwinBooster
- ④ PowerFlex cooking zone with TwinBooster
- ③④ can be combined to form PowerFlex cooking area
- ⑤ Controls / Indicators

Overview

Controls / Indicators



Sensor controls










- ① For switching the cooktop on/off
- ② For activating/deactivating Stop & Go
- ①② For activating/deactivating the system lock
- ③ Timer
 - Switching on and off
 - For switching between timer functions
 - For selecting a cooking zone (see "Switching a cooking zone off automatically")
- ④ For setting a minute minder / switch-off time

- ⑤ For switching the keeping warm function on and off
- ⑥ For selecting the power setting
- ⑦ For switching the PowerFlex cooking area on/off


Indicator lights

- ⑧ The system lock has been activated
- ⑪ Timer

⑨ Cooking zone display

	Cooking zone ready for use
	Keeping warm setting
	Power level
	TwinBooster level 1
	Booster / TwinBooster level 2
	No pan on cooking zone or pan unsuitable (see "Induction")
	Residual heat
	Auto heat-up
	Automatic switch-off programmed

Timer display

- ⑩ Duration in minutes
- ⑫ Minute minder
-  System lock activated

Symbols

- ⑬ Cooking zone selection (depending on model)

Overview

Cooking zone data

Cooking zone	Ø in cm*	Rating in watts for 230 V**	
①	15–23	Normal	2100
②		TwinBooster, level 1	3000
③		TwinBooster, level 2	3650
④			
① + ②	22–23 / 15 x 23 – 23 x 29	Normal	3400
③ + ④		TwinBooster, level 1	4800
		TwinBooster, level 2	7300
		Total	7300

* Cookware of any diameter may be used within the specified range.

** The wattage quoted may vary depending on the size and material of the pans used.

- Please stick the extra data plate for the appliance supplied with this documentation in the space provided in the "After sales service, data plate, warranty" section of this booklet. Alternatively, the additional label can be stuck near the appliance if the appliance markings are not visible after installation.
- Remove any protective wrapping and stickers (but not the data plate).

Cleaning the cooktop for the first time

- Before using for the first time, clean the cooktop with a damp cloth only and then wipe dry.

Switching on the cooktop for the first time

The metal components have a protective coating which may give off a slight smell when heated up for the first time. The induction coils may also give off a slight smell for the first few hours of operation. This smell will be less noticeable with each subsequent use before dissipating completely.

The smell and any vapours given off do not indicate a faulty connection or appliance and they are not hazardous to health.

Please note that the heating up time on induction cooktops is very much shorter than on conventional cooktops.

Induction

The induction principle

An induction coil is located under each cooking zone. When a cooking zone is switched on, this coil creates a magnetic field which impacts directly on the base of the pan and heats it up. The cooking zone itself is heated up indirectly by the heat given off by the pan.


An induction cooking zone only works when a ferromagnetic pan is placed on it (see "Pans"). The induction cooking zone automatically recognises the size of the pan.

The \mathcal{U} symbol flashes alternately with the power setting selected in one of the cooking zones

- if it is switched on without a pan in place, or if the pan is unsuitable (non-magnetic base),
- if the diameter of the base of the pan is too small,
- if the pan is taken off the cooking zone when it is switched on.

If a suitable pan is placed on the cooking zone within 3 minutes, \mathcal{U} will go out and you can continue as normal.

If no pan or an unsuitable pan is placed on the cooking zone, the cooking zone will switch off automatically after 3 minutes.

 When the appliance is switched on either deliberately or by mistake, or when there is residual heat present, there is the risk of any metal items placed on the cooktop (e.g. cutlery) heating up.

Danger of burning!

Do not use the cooktop as a resting place for items. Switch the cooking zones off after use with the appropriate sensor and do not rely on the pan detector.

Noises

When using an induction cooking zone, the following noises can occur in the pan, depending on what it is made of and how it has been constructed.

On the higher power settings, it might buzz. This will decrease or cease altogether when the power setting is reduced.

If the pan base is made of layers of different materials (e.g. in a sandwiched base), it might emit a cracking sound.

Whistling might occur if linked zones (see "Booster") are being used at the same time, and the pans also have bases made of layers of different materials.

You might hear a clicking sound from the electronic switches, especially on lower power settings.

You might hear a whirring sound when the cooling fan switches on. It switches on to protect the electronics when the cooktop is being used intensively. The fan may continue to run after the appliance has been switched off.

Induction

Pans

Suitable pans:

- Stainless steel pans with a base that can be magnetised.
- Enamelled steel pans.
- Cast iron pans.

Unsuitable pans:

- Stainless steel pans without a magnetic base.
- Aluminium and copper pans.
- Glass, ceramic or earthenware pots and pans.

To test whether a pot or pan is suitable for use on an induction cooktop, hold a magnet to the base of the pan. If the magnet sticks, the pan is suitable. If an unsuitable pan is used, the \mathcal{U} symbol will flash alternately with the power setting selected.

Please be aware that the properties of the pan base can affect the evenness with which food heats up in the pan.

- To make optimum use of the cooking zones, choose pans with diameters larger than the innermost markings but smaller than the outermost markings (see "Cooking zone data"). If the diameter of the pan is smaller than the innermost marking, the pan will not be recognised and \mathcal{U} will flash alternately with the power setting selected.
- Do not use pots and pans with bases with pronounced edges or ridges. These could scratch or scour the cooktop surface permanently.

- Lift pans into position on the cooktop. Sliding them into place can cause scuffs and scratches.
- Often the maximum diameter quoted by manufacturers refers to the diameter of the top rim of the pot or pan. The diameter of the base (generally smaller) is more important.

- Use a lid whenever possible to minimise heat loss.
- Select a smaller pan when cooking small quantities. A smaller pan uses less energy than a larger pan with very little in it.
- Cook with as little water as possible.
- Once food has come to the boil or the oil in the pan is hot enough for frying, reduce the heat to a lower setting.
- Use a pressure cooker to reduce cooking times.

Power level range

	Settings
Melting butter Dissolving gelatine	1–2
Making milk puddings	2
Warming small quantities of liquid Cooking rice Defrosting frozen vegetables Cooking pulses	3
Warming liquid and semi-solid foods Making omelettes or lightly frying eggs Steaming fruit Cooking pasta	4
Steaming vegetables, defrosting fish and reheating frozen food	5
Bringing large quantities of food to the boil, e.g. casseroles Thickening custard and sauces, e.g. hollandaise Gently frying eggs (without overheating the fat)	6
Gentle braising (without overheating the fat) of meat, fish, sausages Frying pancakes etc.	7
Braising for stews	8
Boiling large quantities of water Bringing to the boil	9

These settings should only be taken as a guide. The power of the induction coils will vary depending on the size and material of the pan. For this reason, it is possible that the settings will need to be adjusted slightly to suit your pans. As you use the cooktop, you will get to know which settings suit your pans best. When using new pans that you are not familiar with, set the power level below the one specified.

Operating principles

The glass ceramic cooktop is equipped with electronic sensor controls which react to finger contact. For safety reasons, in order to switch the cooktop on, the On/Off ① sensor needs to be touched for a little longer than the other sensors.

A tone sounds each time a sensor is touched.

Malfunction due to dirty and/or covered sensors:

If the sensors are dirty or covered, this could cause them to fail to react, to activate a function or even to switch the cooktop off automatically (see "Safety switch-off"). Placing hot pans on the sensors/indicators can damage the electronic unit underneath.

Keep the sensors and indicators clean and do not place anything on top of them. Do not place hot pans on them.

Operation



Fire hazard!

Do not leave the cooktop unattended whilst it is being used.

Please note that the heating up time on induction cooktops is very much shorter than on conventional cooktops.

Switching on

- Touch the ① sensor.

① appears in each of the cooking zone indicators. If no further entry is made, the cooktop will turn itself off after a few seconds for safety reasons.

Selecting/Changing the power setting

- Touch the appropriate number sensor for the power setting you want.

The selected power setting will appear in the cooking zone display.

Switching off

- To switch off a cooking zone, touch the 0 sensor for that cooking zone.
- To switch off the cooktop and all the cooking zones, touch the ① sensor.

Residual heat indicator

If a cooking zone is still hot, the residual heat indicator will light up after it has been switched off.

The lines of the residual heat indicator go out one after another as the cooking zone cools down. The last horizontal line only goes out when the cooking zone is safe to touch.



Danger of burning! Do not touch the cooking zones whilst the residual heat indicators are lit up.


PowerFlex cooking area

The PowerFlex cooking zones can be combined to form a PowerFlex cooking area (see "Overview - Cooktop").

Settings for the cooking area are controlled by the front or left PowerFlex cooking zone.

Switching on

- Touch the  or  sensor.

 will light up in the display for the rear or right cooking zone.

- Set the power setting you want by touching the appropriate number sensor for the front or left cooking zone.

Switching off

- Touch the  or  sensor.

Operation

Auto heat-up

When Auto heat-up has been activated, the cooking zone switches on automatically at the highest setting and then switches to the continued cooking setting which you have previously selected. The heat-up time depends on which continued cooking setting has been chosen (see chart).

Activating

- Touch the sensor for the continued cooking setting you want until a tone sounds and the continued cooking setting starts to flash in the cooking zone display.

The continued cooking setting selected will flash alternating with *H* during the heat-up time (see chart).

Changing the continued cooking setting while the cooking zone is heating up deactivates Auto heat-up.

Deactivating

- Touch the sensor for the continued cooking setting until the display lights up constantly.

or

- Select a different power setting.

Continued cooking setting	Heat-up time [min : sec]
1	approx. 0 : 15
2	approx. 0 : 15
3	approx. 0 : 25
4	approx. 0 : 50
5	approx. 2 : 00
6	approx. 5 : 50
7	approx. 2 : 50
8	approx. 2 : 50
9	–

Booster

The cooking zones are equipped with a Booster or TwinBooster (see "Overview – Cooktop"). You can use the Booster function for a maximum of two cooking zones at the same time.

When activated, the power is boosted for a maximum of 15 minutes so that large quantities can be heated quickly, e.g. water for cooking pasta.

If the Booster function is switched on when

- no setting has been selected, the cooking zone will revert automatically to setting 9 at the end of the Booster time or if the Booster function is switched off before this.
- a setting has been selected, the cooking zone will revert automatically to the setting selected at the end of the Booster time or if the Booster function is switched off before this.

Cooking zones are networked in pairs to supply the power for the Booster function. When the Booster function is selected, a proportion of energy is taken away from the linked cooking zone and the following happens within the pairs:

- Auto heat-up is deactivated.
- The power setting is reduced.
- The linked cooking zone is switched off.

Operation

Switching on the Booster

- Touch the 9 sensor twice for the cooking zone you wish.

// will appear in the cooking zone display.

Switching on the TwinBooster, level 1

- Touch the 9 sensor twice for the cooking zone you wish to use.

, will appear in the cooking zone display.

Switching on the TwinBooster, level 2

- Touch the 9 sensor three times for the cooking zone you wish to use.

// will appear in the cooking zone display.

Switching off the Booster / TwinBooster

- Select a different power setting.


Keeping warm

The keeping warm function is not designed to reheat food from the cold state. It is only for keeping food warm directly after cooking.

If the keeping warm function has been activated, the cooking zone will switch off automatically after a maximum of 2 hours.

- Only use pans for keeping food warm. Cover the pan with a lid.
- You do not have to stir food while it is being kept warm.
- Nutrients are lost when food is cooked, and continue to diminish when food is kept warm. The longer food is kept warm for, the greater the loss of nutrients. Try to ensure that food is kept warm for as short a time as possible.

Switching the keeping warm setting on/off

- Touch the  sensor for the required cooking zone.

Timer

You can select a time up to a maximum of 99 minutes.

The timer can be used for two different functions:

- For setting the minute minder.
- To set a cooking zone to switch off automatically.

Minute minder

Setting the minute minder

- Touch the ⌚ sensor.
- Select the time you want with the - or + sensor.

Changing the minute minder

- Touch the ⌚ sensor.
- Select the time you want with the - or + sensor.

Deleting the minute minder

- Touch the ⌚ sensor.
- Touch and hold the - and + sensors at the same time until 00 appears in the timer display.

Switching a cooking zone off automatically

You can set a time after which the cooking zone will switch off automatically. This function can be used on all cooking zones at the same time.

If the time programmed is longer than the maximum operational time allowed, the cooking zone will switch off after the maximum time allowed (see "Safety switch-off").

- Select a power setting for the zone you require.
- Touch the ⌚ sensor repeatedly until the ➞ symbol appears in the display of the cooking zone you require.
- Select the time you require.
- If you want to set another cooking zone to switch off automatically, follow the same steps as described above.

If more than one switch-off time is programmed, the shortest time remaining will appear in the display and the ➞ symbol will light up in the display for the corresponding cooking zone.

- If you want to show the time remaining for another zone which is counting down in the background, touch the ⌚ sensor repeatedly until the ➞ symbol appears in the display of the cooking zone you require.

Using both timer functions at the same time

The minute minder and automatic switch-off functions can be used at the same time.

If you have programmed in one or more switch-off times, and would like to use the minute minder as well:

- Touch the ⌚ sensor repeatedly until *00* and *min* appear in the timer display.

- Set the time as described above.

If you have set the minute minder and would like to programme in one or more switch-off times as well:

- Touch the ⌚ sensor repeatedly until the ➞ symbol appears in the display of the cooking zone you require.

- Set the time as described above.

Shortly after the last entry, the timer display switches to the function with the shortest remaining time.

If you want to show the times remaining which are counting down in the background:

- Touch the ⌚ sensor repeatedly until the display you require appears.

Additional functions

Stop & Go

When Stop & Go is activated, the power of all cooking zones in use is reduced to power setting 1.

The cooking zone power settings and the timer settings cannot be altered and the cooktop can only be switched off. A set minute minder time will continue to count down. Booster time, Auto heat-up and automatic switch-off times set will be put on hold.

When Stop & Go is deactivated, the cooking zones will operate at the power setting previously selected and all the times will resume running.

If the function is not deactivated within 10 minutes, the cooktop will switch off.

Activation / Deactivation

- Touch the II/► sensor.

Use this function when the sensors need to be cleaned quickly or there is a risk of boiling over.

Recall

If the cooktop is switched off in error during operation, this function can be used to reset all settings to the way they were. For this to work, the cooktop must be switched on again within 6 seconds.

- Switch the cooktop on again.
- Touch the II/► sensor within 6 seconds after the cooktop is switched on.

System lock

The system lock is deactivated if there is an interruption to the power supply.

Your cooktop is equipped with a system lock to prevent it being switched on by mistake.

If an unavailable sensor is touched whilst the system lock is activated, *LL* will appear in the timer display for a few seconds.

Activating

- Switch the cooktop on ①.
- Touch and hold the II/▶ and ⌚ sensors at the same time until *LL* appears in the timer display.

Deactivating

- Switch the cooktop on ①.
- Touch and hold the II/▶ and ⌚ sensors at the same time until *LL* disappears from the timer display.

Safety features

Safety switch-off

Safety switch-off with an overlong cooking time

The safety switch-off mechanism is triggered automatically if one of the cooking zones is heated for an unusually long period of time. This period of time depends on the power setting selected. Once exceeded, the cooking zone switches off and the residual heat indicators appear. The cooking zone can be operated again after it has been switched off and back on.

Safety switch-off if the sensors are covered

Your cooktop will switch off automatically if one or several sensors remain covered for more than about 10 seconds, for example, by finger contact, food boiling over or an object. The \prime symbol will appear in the relevant cooking zone display and a tone will sound.

The \prime symbol will go out once you have removed the object or cleaned the cooktop and the cooktop will be ready to use again.

Overheating protection

All the induction coils and cooling elements for the electronics are fitted with an overheating protection mechanism. Before the induction coils or cooling elements get too hot, the overheating protection mechanism cuts in in one of the following ways:

- Any Booster function in operation will be switched off.
- The set power level will be reduced.
- The cooking zone will switch off automatically. *E2* will flash in the display.

The overheating protection mechanism can be triggered by:

- Heating up an empty pan.
- Fat or oil being heated on a high power setting.
- Insufficient ventilation to the underside of the cooktop.
- A hot cooking zone being switched on after an interruption to the power supply.

If, despite removing the cause, the overheating protection mechanism triggers again, contact Miele.

Cleaning and care



Danger of burning!

The cooking zones must be switched off. The cooktop needs to cool down.



Danger of injury!

The steam from a steam cleaning appliance could reach electrical components and cause a short circuit.

Do not use a steam cleaner to clean the cooktop.

The use of unsuitable cleaning agents can cause the surfaces to discolour or alter.

The external surfaces of this appliance are all susceptible to scratching.

Remove any cleaning agent residues immediately.

Clean the entire cooktop after each use. Allow it to cool down before cleaning. Dry the appliance after using water to clean it. This helps prevent lime deposits.

Unsuitable cleaning agents

To avoid damaging the surfaces of your appliance, do not use:

- washing-up liquid,
- cleaning agents containing soda, alkalines, ammonia, acids or chlorides,
- cleaning agents containing descaling agents,
- stain or rust removers,
- abrasive cleaning agents, e.g. powder cleaners and cream cleaners,
- solvent-based cleaning agents,
- dishwasher cleaner,
- grill and oven cleaners,
- glass cleaning agents,
- hard, abrasive brushes or sponges, e.g. pot scourers, or sponges which have been previously used with abrasive cleaning agents,
- dirt erasers.

Do not clean the area between the glass-ceramic surface and the frame or the frame and the worktop with sharp, pointed objects.

This could damage the seals.

Do not use washing-up liquid to clean the appliance as washing-up liquid will not remove all soiling and deposits.

It will also form an invisible coating which will cause permanent discolouration of the ceramic surface.

Clean the cooktop regularly with a suitable ceramic cooktop cleaning agent.

Wipe all coarse soiling off using a damp cloth. Stubborn soiling may need to be removed with a shielded scraper blade.

Then clean the cooktop with the Original Miele ceramic and stainless steel cooktop cleaner (see "Optional accessories") or a suitable proprietary ceramic cooktop cleaner applied with kitchen paper or a clean cloth. Do not apply cleaner whilst the cooktop is still hot, as this could result in marking. Please follow the manufacturer's instructions.

Finally wipe the cooktop with a damp cloth, then dry with a soft, dry cloth. Residues can burn onto the appliance the next time it is used and cause damage to the ceramic surface. Ensure that all cleaning agent residues are removed.

Spots caused by limescale, water and aluminium residues (spots with a metallic appearance) can be removed using the Original Miele ceramic and stainless steel cooktop cleaner.



Danger of burning!


Protect your hands with oven gloves before using a shielded scraper blade to remove sugar, plastic or aluminium residues from the hot cooktop.


Should any **sugar, plastic or aluminium foil** spill or fall onto a hot cooking zone while it is in use, first switch off the appliance. Then carefully scrape off all the sugar, plastic or aluminium residues from the cooktop **immediately** whilst they are still hot, using a shielded scraper blade. Allow the appliance to cool down, and then clean as described above.

Problem solving guide

With the aid of the following guide, minor problems can be easily corrected without contacting Miele. If, after reading this guide, you can't remedy the problem yourself, please call Miele (see back cover for details).

Please note, however, that a call-out charge will be applied to unnecessary service visits where the problem could have been rectified as described in these operating instructions.

 **Danger of injury!** Installation, maintenance and repairs may only be carried out by a suitably qualified and competent person. Repairs and other work by unqualified persons could be dangerous. Miele cannot be held liable for unauthorised work. Do not attempt to open the casing of the cooktop yourself.

Problem	Possible cause and remedy
The cooktop or cooking zones cannot be switched on.	There is no power to the cooktop. ■ Check if the circuit breaker has tripped. Contact an electrician or Miele (for the minimum fuse rating, see data plate).
	There may be a technical fault. ■ Disconnect the appliance from the electricity supply for approx. 1 minute. To do this: – switch off at the wall socket, or switch off at the isolator, or – disconnect the mains circuit breaker. ■ Reset the trip switch in the mains fuse box, and switch the appliance back on. If it still will not switch on, contact a qualified electrician or Miele.
A smell and vapours are given off when the new appliance is being used.	The metal components have a protective coating. When the appliance is used for the first time, this causes a smell and possibly also vapour. The material from which the induction coils are made also gives off a smell in the first few hours of operation. This smell will be less noticeable with each subsequent use before dissipating completely. The smell and any vapour given off do not indicate a faulty connection or appliance and they are not hazardous to health.
In the display for a cooking zone the  symbol flashes alternately with the selected power setting or <i>P</i>.	There is no pan on the cooking zone, or the pan is unsuitable. ■ Use a suitable pan (see "Pans").

Problem solving guide

Problem	Possible cause and remedy
After switching the cooktop on, LL appears in the timer display for several seconds.	<p>The system lock has been activated.</p> <ul style="list-style-type: none"> ■ You need to deactivate the system lock (see "System lock").
The ✓ symbol appears in one or more cooking zone displays and the cooktop switches off automatically.	<p>One or several of the sensors are covered, for example, by finger contact, food boiling over or by an object such as an oven glove or tea towel.</p> <ul style="list-style-type: none"> ■ Remove the obstruction and/or clean the cooktop (see "Safety switch-off").
A cooking zone switches itself off automatically.	<p>A cooking zone might have been operated for too long.</p> <ul style="list-style-type: none"> ■ You can use the cooking zone again by switching it back on (see "Safety switch-off").
A cooking zone switches itself off automatically.	<p>The overheating protection mechanism has been activated.</p> <ul style="list-style-type: none"> ■ See "Overheating protection".
The Booster has automatically switched off early.	<p>The overheating protection mechanism has been activated.</p> <ul style="list-style-type: none"> ■ See "Overheating protection".
The cooking zone is not working in the usual way on the power setting selected.	<p>The overheating protection mechanism has been activated.</p> <ul style="list-style-type: none"> ■ See "Overheating protection".
Power setting 9 is automatically reduced if you select power setting 9 on two linked cooking zones or extended zones at the same time.	<p>Operating both zones at power setting 9 would exceed the permitted maximum power for the cooktop.</p> <ul style="list-style-type: none"> ■ Use another cooking zone which is not linked.
The food in the pan hardly heats up or does not heat up at all when the Auto heat-up function is switched on.	<p>There is too much food in the pan.</p> <ul style="list-style-type: none"> ■ Start cooking at the highest power setting and then turn down to a lower one manually later on.
	<p>The pan is not conducting heat properly.</p> <ul style="list-style-type: none"> ■ Use a different pan which is better able to conduct heat on an induction cooktop.

Problem solving guide

Problem	Possible cause and remedy
A noise can be heard after the appliance is switched off.	The fan will continue running until the appliance has cooled down. It will then switch itself off automatically.
<i>U</i> and numbers are flashing in the cooking zone displays and a tone sounds.	<p>The cooktop is incorrectly connected.</p> <ul style="list-style-type: none"> ■ Contact Miele or a qualified electrician. The cooktop must be connected to the mains according to the wiring diagram.
<i>E</i> or <i>ER</i> and numbers are flashing in the cooking zone displays.	<p>The overheating protection mechanism has been activated.</p> <ul style="list-style-type: none"> ■ See "Overheating protection".
	<p><i>E</i> or <i>ER</i> and other numbers. There is an electronic unit fault.</p> <ul style="list-style-type: none"> ■ Interrupt the power supply to the cooktop for approx. 1 minute. ■ If the problem persists after power is restored, please contact Miele.

Miele offers a range of useful accessories, as well as cleaning and conditioning products for your appliance.

These can be ordered online at:



or from Miele (see end of this booklet for contact details).

Saucepans and frying pans

Miele offer a wide range of pans which are perfect for Miele cooktops. Please refer to the Miele website for more details on individual products.

- Pans in various sizes
- Frying pan with lid
- Non-stick pan
- Wok
- Gourmet oven dishes

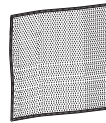
Cleaning and care products

Original Miele ceramic and stainless steel cooktop cleaner 250 ml



Removes heavy soiling, limescale deposits and aluminium residues.

Original Miele all purpose microfibre cloth



Removes finger marks and light soiling.

Con@ctivity

Your cooktop is communication enabled and via the dongle supplied with selected rangehoods can communicate with the rangehood (Con@ctivity).

The cooktop sends information on its operating status to the rangehood. The operation of the rangehood is automatically controlled by the power setting of the connected cooktop.

Further information regarding Con@ctivity is available on the internet and in the instruction manuals of the various components.

Signing on

If you want to sign on your cooktop to the Con@ctivity system, you will first need to sign on the rangehood.

- Disconnect the cooktop from the mains electricity supply.
- Connect the dongle to the cooktop (see the installation instructions for the dongle).
- Reconnect the cooktop to the mains electricity supply.

The signing on procedure must be carried out within 10 minutes after reconnecting the electricity supply.

- Start signing on the rangehood (see the relevant instructions).
- Remove any pots or pans from the cooktop.


There must not be any pots or pans on the cooktop when the signing on process is being carried out.

- Switch the cooktop on ①.
- Set power setting "1" for all the cooking zones.

The  symbol will flash.

- Wait for at least 1 minute and switch the cooktop off ①.
- Finish signing on the rangehood (see the relevant instructions).

Safety instructions for installation

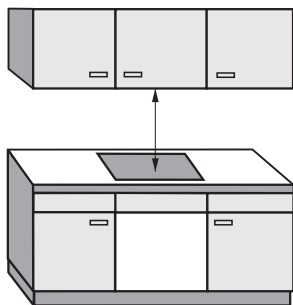
 The appliance must only be installed and connected to the electricity supply by a suitably qualified and competent person in strict accordance with current national and local safety regulations.

Fit the wall units and rangehood before fitting the cooktop to avoid damaging the cooktop.

- ▶ The veneer or laminate coatings of worktops (or adjacent kitchen units) must be treated with 100 °C heat-resistant adhesive which will not dissolve or distort. Any splashbacks must be of heat-resistant material as well.
- ▶ The cooktop must not be installed over a fridge, fridge-freezer, freezer, dishwasher, washing machine, washer-dryer or tumble dryer.
- ▶ This cooktop must not be installed above ovens unless these have a built-in cooling fan.
- ▶ After installation, ensure that nothing can come into contact with the connection cable and that it is without hindrance.
- ▶ The connection cable may not come into contact with any moving kitchen component (e.g. a drawer) or be subject to mechanical obstruction which could damage it.
- ▶ Observe carefully the safety clearances listed on the following pages.

All dimensions in this instruction booklet are given in mm.

Safety distance above the cooktop



A minimum safety distance must be maintained between the cooktop and the rangehood above it. See the rangehood manufacturer's operating and installation instructions for details.

If the manufacturer's instructions are not available for the rangehood, a minimum safety distance of 600 mm must be maintained.

For any flammable objects, e.g. utensil rails, wall units etc., a minimum safety distance of 600 mm must be maintained between these objects and the highest part of the cooktop below.

When two or more appliances which have different safety distances are installed together below a rangehood, you should observe the greatest safety distance.

Safety distances

Safety distances to the sides and back of the cooktop

Ideally the cooktop should be installed with plenty of space on either side. There may be a wall at the rear or a tall unit or wall on one side (right **or** left), taking into account the distances below. On the other side, however, no tall unit or wall should stand closer than 300 mm to the edge of the cooktop. Before installing the cooktop, check that the below clearance requirements are met.

Minimum horizontal distance from the **back edge** of the cooktop to a combustible surface:
50 mm

Minimum horizontal distance from the **right edge** of the cooktop to a combustible surface:
50 mm.

Minimum horizontal distance from the **left edge** of the cooktop to a combustible surface:
50 mm.

Minimum safety distances underneath the cooktop

To ensure sufficient ventilation to the cooktop, a certain gap must be left between the underside of the cooktop and any oven, interim shelf or drawer.

The minimum gap between the underside of the cooktop and

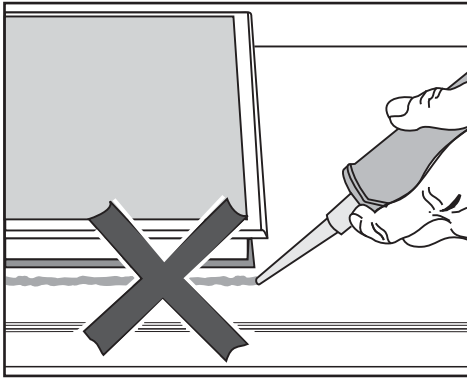
- the top of an **oven** is **15 mm**.
- the top of an **interim shelf** is **15 mm**.
- the base of a **drawer** is **75 mm**.

Interim shelf

It is not necessary to fit an interim shelf underneath the cooktop but one may be fitted if you wish.

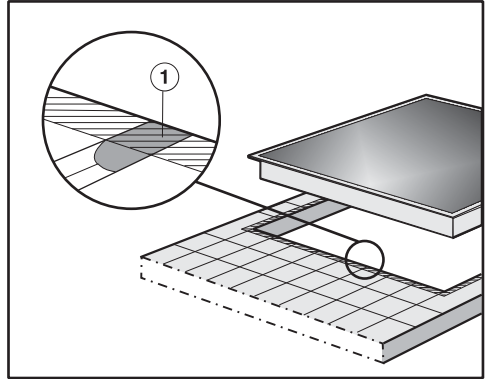
Leave a gap of 10 mm at the back of the shelf to accommodate the cable. We recommend a gap at the front of the shelf of 20 mm to ensure good ventilation.

Seal between the cooktop and the worktop



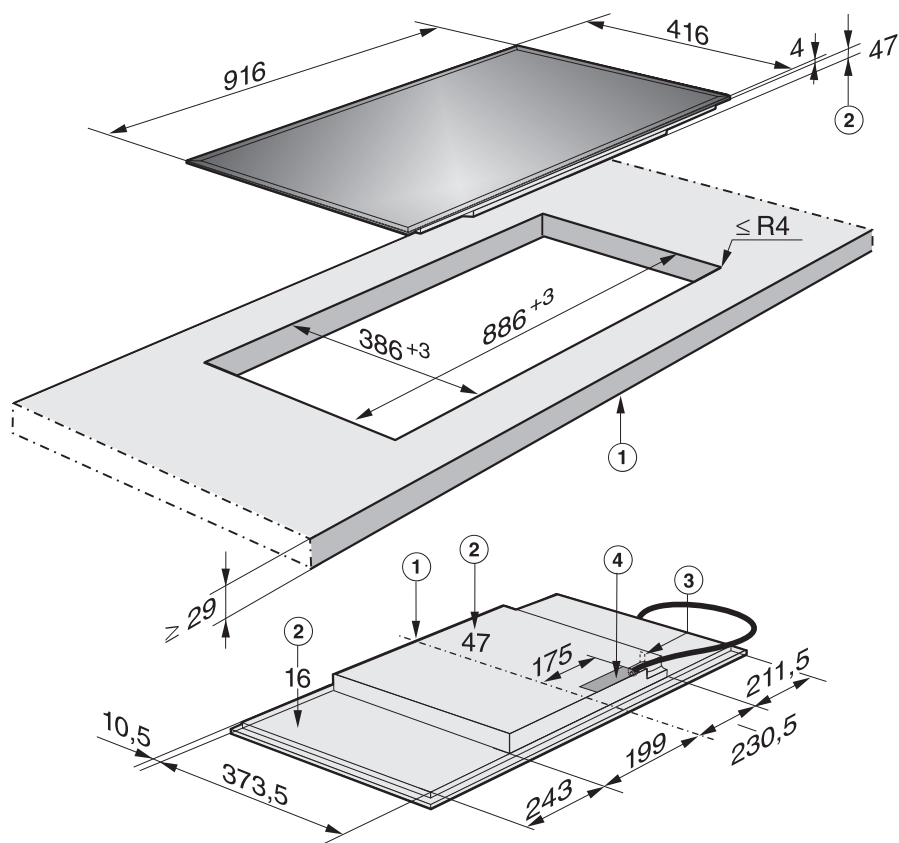
Do not use sealant between the cooktop and the worktop. This could result in damage to the cooktop or the worktop if the cooktop ever needs to be removed for servicing. The sealing strip under the edge of the top part of the appliance provides a sufficient seal for the worktop.

Tiled worktop



Grout lines ① and the hatched area underneath the cooktop frame must be smooth and even. If they are not, the cooktop will not sit flush with the worktop and the sealing strip underneath the cooktop will not provide a good seal between the cooktop and the worktop.

Building-in dimensions



① Front

② Building-in depth

③ Mains connection box

④ Con@ctivity connection

The mains connection cable (1440 mm long) is supplied separately with the cooktop.

Preparing the worktop

- Make the worktop cut-out as shown in "Building-in dimensions". Observe the safety distances (see "Safety distances").
- Seal the cut surfaces on wooden worktops with a suitable sealant to avoid swelling caused by moisture. The sealant must be heat-resistant.

Make sure the sealant does not come into contact with the top surface of the worktop.

The seal underneath the cooktop will hold it securely in the cut-out. Any gap between the frame and worktop will reduce with time.

Connecting the mains connection cable to the appliance

The mains connection cable must be connected by a suitably qualified and competent electrician in accordance with current local and national safety regulations.

- Follow the instructions in the wiring diagram (see "Electrical connection - Wiring diagram").

Installing the cooktop

- Feed the mains connection cable down through the cut-out.
- Place the cooktop centrally in the cut-out. When doing this, make sure that the seal under the cooktop sits flush with the worktop on all sides. This is important to ensure an effective seal all round.

Do not use any additional sealant (e.g. silicone).

If the seal does not meet the worktop correctly on the corners, the corner radii ($\leq R4$) can be carefully scribed to suit.

- Connect the cooktop to the mains electricity supply.
- Check that the cooktop works.

Electrical connection



Danger of injury!

Incorrect installation, maintenance or repair work is dangerous to users.

Miele cannot be held liable for damage or injury caused by incorrect installation, maintenance or repair work, or by an inadequate or faulty earthing system (e.g. electric shock).

All electrical work must be carried out by a suitably qualified and competent person, in strict accordance with current national and local safety regulations.

After installation, ensure that all electrical components are shielded and cannot be accessed by users.

Connection

AC 230 V, 50 Hz

The voltage and rated load are given on the data plate. Please ensure these match the household mains supply.

Connection must be made via a suitable isolator switch which provides disconnection on all poles and which complies with national and local safety regulations. The isolator switch must be easily accessible after the appliance has been built in.

Please see the wiring diagram for connection.

Residual current device

For extra safety, it is advisable to protect the appliance with a suitable residual current device (RCD) with a trip range of 30 mA.

Mains connection cable

The cooktop must be connected to the electrical supply with a special connection cable, type H 05 VV-F (PVC insulated) with a suitable diameter.

Please see the wiring diagram for connection.

See the data plate on the cooktop for the correct voltage and frequency.

Replacing the mains connection cable



Danger of electrical shock!

The mains connection cable must only be replaced by a suitably qualified and competent person in accordance with current local and national safety regulations.

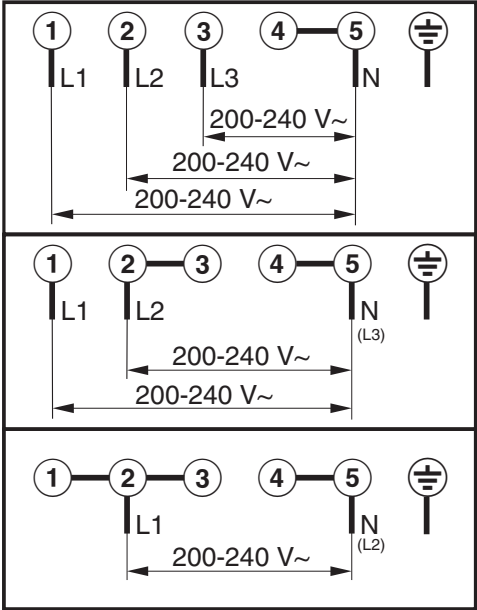
The earth lead must be connected to the point marked

If the mains cable needs to be replaced, it must be replaced with a special connection cable, type H 05 VV-F (PVC insulated), available from Miele.

The connection data is given on the data plate.

Electrical connection

Wiring diagram



After sales service, data plate, warranty

After sales service

In the event of any faults which you cannot easily remedy, please contact Miele.

See back of this booklet for contact details.

Please quote the model and serial number of your appliance when contacting Miele.

Data plate

Space in which to stick the extra data plate supplied with the appliance. Ensure that the model number is the same as the one on the back of these operating instructions.

Warranty

The manufacturer's warranty for this appliance is 2 years.

For further information, please refer to your warranty booklet.

Miele Australia Pty. Ltd.

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