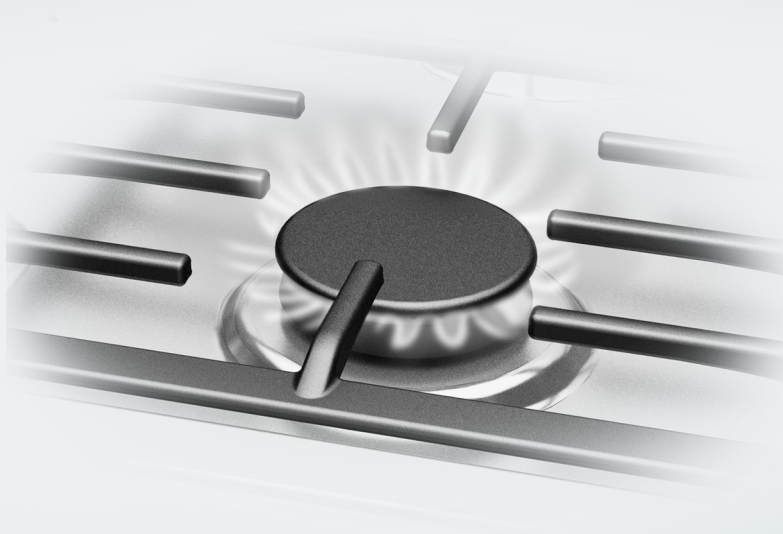


Operating and installation instructions

Gas cooktops



It is **essential** to read these operating and installation instructions before installing and using the appliance. This prevents both personal injury and damage to the appliance.

This appliance can be used in countries other than those specified on the appliance and in these operating and installation instructions. It is, however, set up for connection to the gas and electricity supplies in the countries specified. For trouble-free operation of the appliance, it is best to use it in the countries specified for use.

For use in other countries, please contact Miele in your country.

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Warning and Safety instructions

This cooktop complies with all relevant local and national safety requirements. However, inappropriate use can lead to personal injury and damage to property.

Read the operating and installation instructions carefully before using the cooktop. They contain important information on safety, installation, use and maintenance of the appliance. This prevents both personal injury and damage to the cooktop.

In accordance with standard IEC 60335-1, Miele expressly and strongly advises that you read and follow the instructions in “Installation”, as well as in the “Warning and Safety instructions”.

Miele cannot be held liable for injury or damage caused by non-compliance with these instructions.

Keep these instructions in a safe place and pass them on to any future owner.

Warning and Safety instructions

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 cooktop is not intended for use by people (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision and instruction concerning its use by a person responsible for their safety. They may only use the cooktop unsupervised if they have been shown how to use it in a safe way. They must be able to recognise and understand the potential dangers of improper use.

Safety with children

- ▶ Young children must not be allowed to use this appliance.
- ▶ Older children may only use the appliance if its operation has been clearly explained to them and they are able to use it safely. They must be aware of the potential dangers caused by incorrect operation.
- ▶ 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 behind the cooktop. Otherwise children could be tempted to climb onto the cooktop with the risk of burning themselves.
- ▶ Danger of burning and scalding! Turn the handles of pots and pans on the cooktop to the side or the rear so that children cannot pull them down and burn themselves.
- ▶ Danger of suffocation! Whilst playing, children may become entangled in packaging material (such as plastic wrapping) or pull it over their head with the risk of suffocation. Keep packaging material away from children.

Warning and Safety instructions

Technical safety

- ▶ Unauthorised installation, maintenance and repairs (including removal of any cover) can cause considerable danger for the user. Installation, maintenance and repairs must only be carried out by a Miele authorised technician.
- ▶ Damage to the cooktop can compromise your safety. Check the appliance for visible signs of damage. Do not use the cooktop if it is damaged.
- ▶ Reliable and safe operation of this cooktop can only be assured if it has been connected to the mains electricity supply.
- ▶ Temporary or permanent operation with a self-sufficient or non-mains synchronous energy supply system (e.g. isolated networks, back-up systems) is possible. A requirement for the operation is that the energy supply system complies with all current local and national requirements that apply to stand-alone, solar and/or battery systems.

The protective measures provided in the installation and in this Miele product must also be assured in their function and operation in isolated operation or in non-mains synchronous operation, or replaced with equivalent measures in the installation.
- ▶ The electrical safety of this appliance can only be guaranteed when continuity is complete between it and an effective earthing system which complies with local and national safety regulations. 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.
- ▶ Before connecting the appliance to the mains electricity supply, ensure that the connection data on the data plate (voltage and frequency) matches the mains electricity supply. This data must correspond in order to avoid the risk of damage to the appliance.

Warning and Safety instructions

- ▶ Do not connect the cooktop to the mains electricity 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.
- ▶ The manufacturer's warranty will be invalidated if the appliance is not repaired by a Miele authorised 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 connection to the gas supply must be carried out by a suitably qualified and competent gas fitter in accordance with current local and national safety regulations (see “Installation – Gas connection”). In Australia and New Zealand, gas installations must be in accordance with AS/NZS 5601. If the plug has been removed or the connection cable is not supplied with a plug, the appliance must be connected to the mains supply by a suitably qualified electrician.
- ▶ If the mains connection cable is damaged, it must be replaced with a special mains connection cable by a qualified and competent electrician in order to avoid a hazard (see “Installation - Electrical connection”).

Warning and Safety instructions

► During installation, maintenance and repair work, the appliance must be completely disconnected from the mains electricity supply. The gas supply must also be turned off. It is only completely isolated from the gas and 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.
- the gas inlet valve is closed.

► Danger of electric shock!

Do not use the cooktop if it is faulty. Switch it off immediately. Disconnect it from the mains electricity and gas supply. Call Miele.

► If the cooktop is installed behind a furniture door, do not close the door while the cooktop is in operation. Heat and moisture can build up behind the closed door. This can result in damage to the cooktop, the housing unit and the floor. Leave the furniture door open until the cooktop has cooled down completely.

► 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.

► This cooktop is not suitable for installation and operation with aftermarket lids or covers fitted.

Correct use

- ▶ The appliance gets hot when in use and remains hot for some time after being switched off. Do not touch the appliance if there is a possibility that it could still be hot.
- ▶ **DO NOT USE THIS APPLIANCE AS A SPACE HEATER.**
Due to the high temperatures radiated, objects left near the cooktop when it is in use could catch fire.
- ▶ 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.
Switch off the cooktop and use a suitable fire blanket, saucepan lid, damp towel or similar to smother the flames.
- ▶ The cooking process has to be supervised. A short term cooking process has to be supervised continuously.
- ▶ Flames could set the grease filters of a rangehood on fire. Do not flambé under a rangehood.
- ▶ **DO NOT USE OR STORE FLAMMABLE MATERIALS IN THE APPLIANCE STORAGE DRAWER OR NEAR THIS APPLIANCE. CUTLERY INSERTS MUST BE HEAT-RESISTANT.**
- ▶ **DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.**
- ▶ 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 containers, causing them 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 placed on the cooktop (e.g. cutlery) heating up. Depending on the material, other items left on the appliance could also melt or catch fire. Do not use the appliance as a resting place for anything else.
- ▶ You could burn yourself on the hot appliance. 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 on steam. Be sure to keep all textiles away from the gas flames. Do not use oversized cloths, tea towels or other similar materials.
- ▶ When using an electrical appliance, e.g. a hand-held food mixer, 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.
- ▶ Plastic and aluminium foil containers melt at high temperatures. Do not use plastic or aluminium foil containers on the cooktop.
- ▶ When a control knob is pressed down, a spark is generated on the ignitor. Do not press down the control knob while you are cleaning or touching the cooktop or a burner in the vicinity of an ignitor.
- ▶ A rangehood installed above the cooktop can be damaged or catch fire as a result of intense heat. Do not use the burners without cookware in place.
- ▶ Switch the burner off when a pan is removed, even for a short time.
- ▶ Make sure all the components of the gas burner have been correctly assembled before switching on.

Warning and Safety instructions

- ▶ Pans must be the correct size for the burner they are used on (see “Suitable cookware”). A pan which is too small will be unstable on the pan support. If the pan diameter is too large, flames can spread out to the sides and damage or burn the worktop, wall claddings or surrounding units and also parts of the cooktop. Miele cannot be held liable for this type of damage.
- ▶ Ensure that the flames from the burner do not spread out beyond the base and up the sides of the pan.
- ▶ Do not use pans with very thin bases on this cooktop, and never heat up empty pans as they could get damaged. This could also damage the appliance.
- ▶ The pan supports supplied with the appliance must always be used. Never place a pan on the burner itself.
- ▶ Replace the pan supports carefully to avoid scratching the surface of the cooktop.
- ▶ Remove all grease spatters and other combustible (food) residues from the cooktop as soon as possible. They are a fire hazard.
- ▶ Avoid allowing liquids or foods containing salt to spill onto the cooktop. If salty foods or liquids do get on the cooktop, they should be removed as soon as possible to avoid the risk of corrosion.
- ▶ The use of the gas cooktop creates heat, moisture and combustion products in the room where it is installed. Make sure that the appliance is installed in a location with sufficient ventilation. Natural ventilation openings should not be blocked. Alternatively, a mechanical ventilation device (e.g. a rangehood) can be installed.
- ▶ If the cooktop is used for very long periods of time, additional ventilation of the room may be necessary, e.g. by opening windows or doors, or running the rangehood on the highest setting.
- ▶ Do not use roasting dishes, pans or grilling stones that are large enough to cover more than one burner. The resulting build-up of heat could damage the appliance.

Warning and Safety instructions

► If the appliance has not been used for a long period of time it should be thoroughly cleaned before it is used again. It is also advisable to have the appliance tested by a qualified person for safety.

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.

► Miele will guarantee to supply functional spare parts for a minimum of 10 years and up to 15 years following the discontinuation of your cooktop.

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

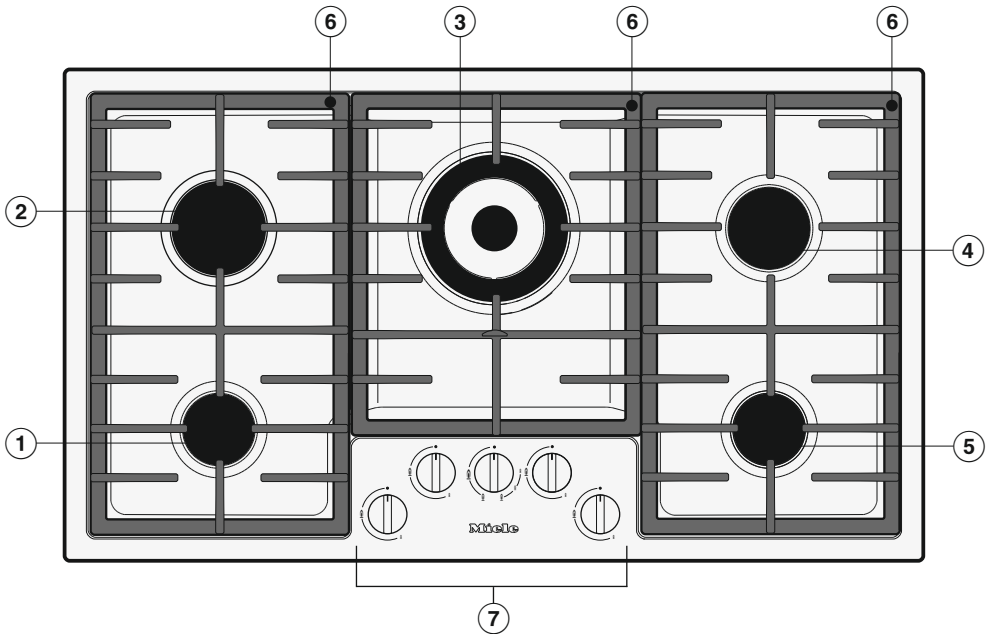
Electrical and electronic appliances often contain valuable materials. They also contain specific materials, compounds and components, which were essential for their correct function and safety. These could be hazardous to human health and to the environment if disposed of with your domestic waste or if handled incorrectly. Please do not, therefore, dispose of your old appliance with your household waste.



Please dispose of it at your local community waste collection / recycling centre for electrical and electronic appliances. You are also responsible for deleting any personal data that may be stored on the appliance prior to disposal. Please ensure that your old appliance poses no risk to children while being stored prior to disposal.

Overview

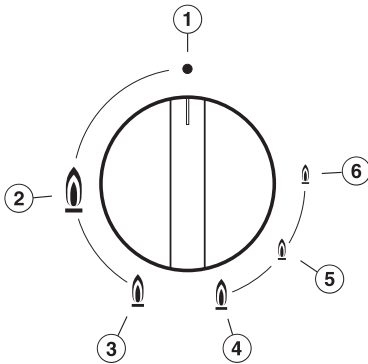
Cooktop



- ① Small burner
- ② Large burner
- ③ Wok burner
- ④ Medium burner
- ⑤ Medium burner
- ⑥ Pan support (one for each burner)
- ⑦ Knobs for burners

Control knobs

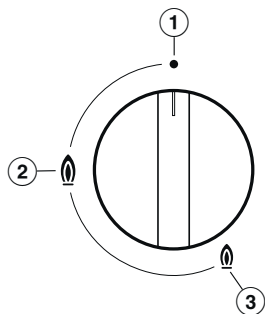
Wok burner



- ① • Burner off
The gas supply is turned off
- ② 🔥 Strongest flame
The outer and inner burners are on the highest setting
- ③ 🔥 Strong flame
The outer burner is on the lowest setting, the inner burner is on the highest setting
- ④ 🔥 Over-ignition position
The outer burner is ignited by changing from position (5) to position (3)
NB: Position (4) is a transitional setting. Continuous operation of the burner is not recommended between positions (5) and (3).
- ⑤ 🔥 Weak flame
The outer burner is off, the inner burner is on the highest setting
- ⑥ 🔥 Weakest flame
The outer burner is off, the inner burner is on the lowest setting

Overview

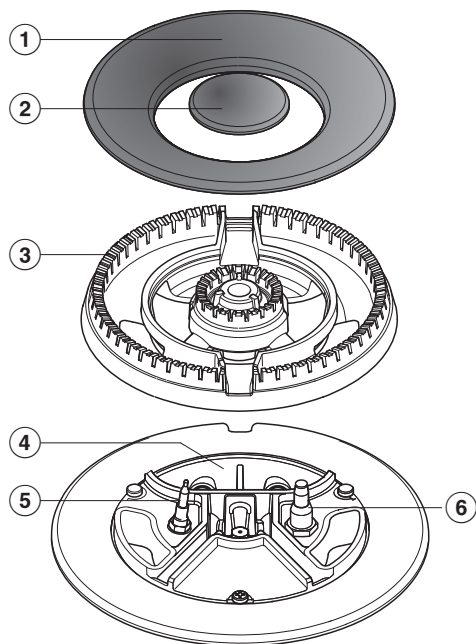
Small, medium and large burners



- ① • Burner off
The gas supply is turned off
- ② 🔥 Strong flame
The burner is on the highest setting
- ③ 🔥 Weak flame
The burner is on the lowest setting

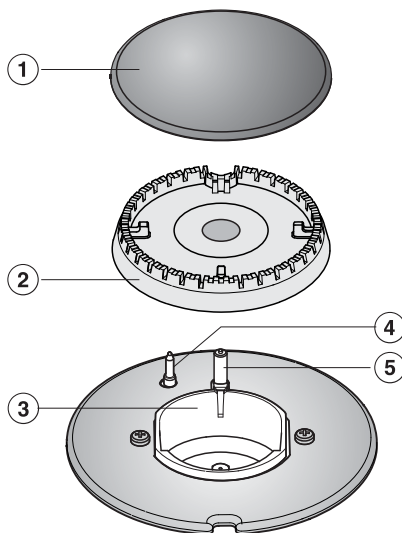
Burner

Wok burner



- ① Outer burner cap
- ② Inner burner cap
- ③ Burner head
- ④ Burner base
- ⑤ Thermo-electric flame failure device
- ⑥ Ignitor

Small, medium and large burners



- ① Burner cap
- ② Burner head
- ③ Burner base
- ④ Thermo-electric flame failure device
- ⑤ Ignitor

Overview

Accessories supplied

The accessories supplied with your appliance, as well as a range of optional ones, are available to order from Miele (see "Optional accessories").

Wok ring



The wok ring supplied gives additional stability to the wok, especially to woks with a rounded base.

Combination trivet



For small and large pots and pans (see "Suitable cookware - Combination trivet").

Before using for the first time

- Please stick the extra data plate for the appliance supplied with this documentation in the space provided in the “Service” 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 (except 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.
- Clean all removable parts of the burner(s) with a solution of warm water and a small amount of washing-up liquid applied with a soft sponge. Dry all parts thoroughly after cleaning and then reassemble the burners (see “Cleaning and care - Burners”).

Switching on the cooktop for the first time

The metal components have a protective coating. When the cooktop is used for the first time, this causes a smell and possibly also vapour.

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

Suitable cookware

Minimum cookware base diameter [cm]	
Small burner	10
Medium burner	10
Large burner	12
Wok burner	15

Maximum diameter at top of cookware [cm]	
Small burner	20
Medium burner	22
Large burner	24
Wok burner pots/pans without combination trivet	26
Wok burner pots/pans with combination trivet	30
Wok burner wok pan	40

- Select cookware that fits the size of the burner:
large diameter = large burner
small diameter = small burner
- Refer to the chart above and ensure that the pan diameter falls within the minimum and maximum diameters given for the burner you are using. Using cookware that is too large can cause the flames to spread out and damage or burn the worktop, wall claddings or surrounding units and also parts of the cooktop or other appliances. Using pans of the correct size improves efficiency. Any cookware that has a diameter smaller than the pan supports or that does not rest safely (without wobbling) on the pan supports is dangerous and should not be used.
- A wok burner is particularly suitable for wok pans. Do not allow the base of the wok pan to come into contact with the burner. There must be a gap of at least 1 cm between the burner and the base of the pan.
- Unlike pans that are used on an electric cooktop, the bottom of pans used on a gas cooktop do not have to be flat to deliver good cooking results.
- Remember when purchasing new pans that manufacturers usually refer to the diameter at the top of the pan in their documentation.
- Any heat-resistant cookware can be used on a gas burner.

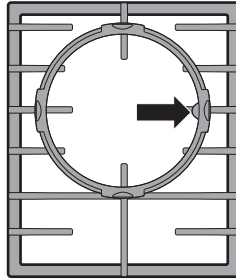
- Cookware with a thick base is preferable, as it distributes heat more evenly. Cookware with a thin base may cause food to overheat in some places. To avoid this, stir the food frequently.
- Always place cookware on the pan supports supplied with the appliance. Never place it directly on the burners.
- Position the cookware centrally on the pan support so that it sits securely and cannot tip. There might still be slight movement, which is not a cause for concern.



- Do not use pots or pans with base supports.

Wok ring

- Use the wok ring to give additional stability to pans, especially to woks with a rounded base.



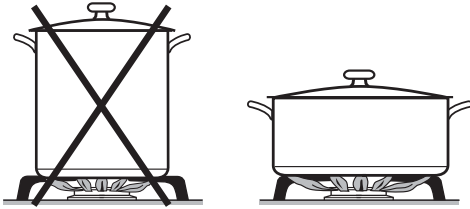
- Place the wok ring on the pan support so that it sits securely in position and cannot move (see diagram).

Combination trivet

The combination trivet must be used if you are using large pans on the wok burner of a flush fit cooktop. This minimises the likelihood of damage to the worktop and/or discolouration on the stainless steel surface.

Tips on saving energy

- Use a pan lid whenever possible to minimise heat loss.



- Wide, shallow pans are preferable to tall, narrow ones. They will heat up faster.
- Cook with as little water as possible.
- Reduce the power setting once the water has come to the boil or the oil is hot enough to fry in.
- Use a pressure cooker to reduce cooking times.



Risk of fire with overheated food!

Unattended food can overheat and ignite.

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

Rapid ignition system

The appliance is supplied with a rapid ignition system with the following features:

- Rapid ignition without the need to hold the control.
- Automatic re-ignition
If the flame is extinguished, e.g. by a draught, the burner is automatically relit. If re-ignition is unsuccessful, the gas supply is automatically cut off (see “Thermo-electric flame failure device”).

If there is a power outage, the rapid ignition automatic re-ignition features will not work.

Switching on

- Press the control lightly and turn it anti-clockwise to the large flame symbol.
- Then press it down firmly to open the gas supply and let it go.

The ignition electrode will “click” and ignite the gas.

When a control knob is activated, a spark is automatically generated on all burners. This is normal and does not indicate a fault.

- If the burner does not ignite, turn the knob to the • burner off position. Ventilate the room or wait for at least 1 minute before trying again.
- If the burner does not ignite the second time, turn the knob back to the • burner off position and see “Problem solving guide”.

You may notice a brief re-ignition (1–2 clicks) when turning on the appliance, e.g. because of a draft.

Operation

Switching on during a power outage

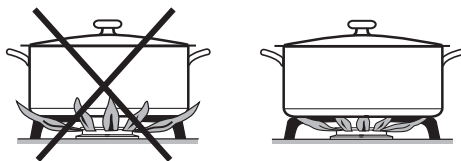
If there is an interruption to the electricity supply, the gas can be ignited manually, e.g. with a match.

- Press down the relevant control knob and turn it anti-clockwise to the large flame symbol.
- Hold the control knob pressed down and light the gas at the burner with a match.
- Keep the control knob pressed down for a further 5-10 seconds and then release it.

Adjusting the flame

The burners can be regulated at any level between the strongest and weakest flame.

As the outer part of the flame is much hotter than the centre, the tips of the flames should stay beneath the pan base. Flame tips which extend beyond the sides of the pan merely warm up the air in the room and can also damage pan handles and increase the danger of injury.



- Adjust the flame so that it does not spread out beyond the sides of the pan.

Switching off

- Turn the knob clockwise to the
• burner off position.

This stops the flow of gas and extinguishes the flame.

Thermo-electric flame failure device

The cooktop is equipped with a flame failure device. If a gas flame is extinguished, e.g. by food boiling over or by a draught, and re-ignition does not work, the gas supply is switched off. This prevents the release of gas. If you turn the knob to the • burner off position, the burner is ready for use again.

The flame failure device operates independently from the electricity supply. This means that it will still work if the cooktop is used during a power cut.

Cleaning and care



Risk of burning due to hot surfaces.

The cooktop surface, pan supports and burners will be hot after use.

Allow the cooktop to cool down before cleaning it.



Risk of damage due to moisture ingress.

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

Do not use a steam cleaner to clean the cooktop.

All surfaces could be discoloured or damaged if unsuitable cleaning agents are used. All surfaces are susceptible to scratching.

Remove all cleaning agent residues immediately.

Never use abrasive sponges or cleaning agents.

Food boiling over on a hot cooktop can cause discoloration of the burner components.

Remove any soiling and salt and sugar splashes immediately.

When a control knob is pressed down, a spark is generated on the ignitor. Do not press down the control knob while you are cleaning or touching the cooktop or a burner in the vicinity of an ignitor.


Unsuitable cleaning agents

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

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


- The entire cooktop should be cleaned after each use.
- Stubborn soiling should be soaked first.
- Dry the cooktop after using water to clean it. This helps prevent limescale deposits.

Cleaning the stainless steel surface

 Risk of damage by pointed objects.


The seal between the cooktop and the worktop could be damaged.

Do not use pointed objects for cleaning.

 Damage due to soiling.

Soiling, particularly salty food or liquid and olive oil, can cause damage if left on the printed surfaces for a long time.

Remove such soiling immediately.

 Damage caused by incorrect cleaning.

Stainless steel cleaning agents rub off the printed symbols.

Do not use stainless steel cleaning agents on printed symbols.

- Clean stainless steel surfaces using a solution of warm water and a little dishwashing liquid applied with a soft sponge. Stubborn soiling should be soaked first. If necessary, the rough side of a non-scouring sponge can be used.
- Finally, dry with a clean soft cloth.

Cleaning and care

Cleaning the pan supports

- Remove the pan supports.
- Clean the pan supports in the dishwasher or with a solution of warm water and a little washing-up liquid applied with a soft sponge. Stubborn soiling should be soaked first.
- After cleaning, dry the pan supports thoroughly with a clean cloth.

Cleaning the control knob(s)

The control knobs are not dishwasher-safe.

The control knobs should only be cleaned by hand.

The control knobs may become discoloured if they are not cleaned regularly.

Clean the control knobs after each use.

- Clean the knobs using a solution of warm water and a little washing-up liquid applied with a soft sponge.

Cleaning the burner(s)

Do not clean any parts of the burners in a dishwasher.

The surface of the burner caps will become more matt over time. This is normal and does not indicate damage to the burner caps. Nor will it affect the operation of the cooktop.

- The burner should be dismantled and then cleaned by hand using a solution of warm water and a little dishwashing liquid applied with a soft sponge.
- Clean any soiling from the flame openings.



Danger of explosion!

Blocked flame openings can cause a dangerous build-up of gas in the base of the cooktop which could ignite and cause an explosion. This can lead to damage to the appliance and injury.

Ensure the flame openings are kept clean at all times.

- Parts of the burner that cannot be removed should be wiped clean with a damp cloth only.
- The ignitor and the flame failure device should be very carefully wiped clean using a well wrung out cloth.

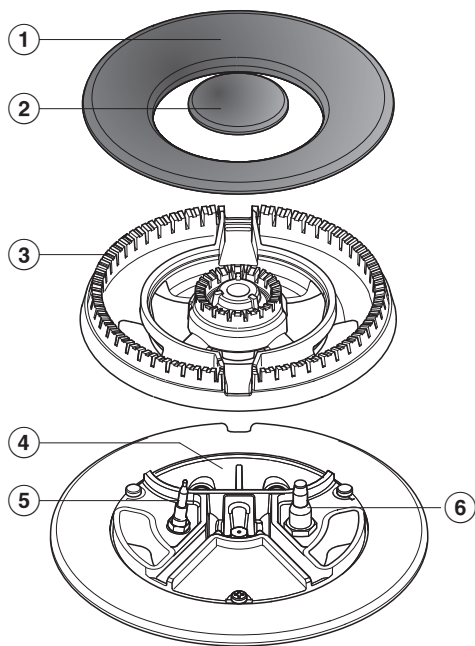
Do not let the ignitor get wet. If it gets wet, it will not spark.

- Finally dry everything thoroughly with a clean cloth. Make sure that the flame openings are completely dry.

Cleaning and care

Assembling the burner(s)

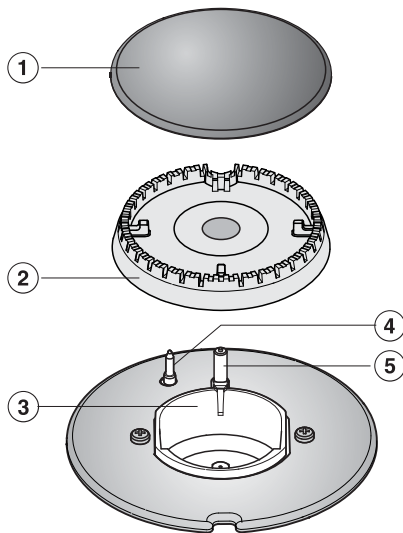
Assembling the wok burner



- Place the burner head ③ onto the burner base ④ so that the thermoelectric flame failure device ⑤ and the ignitor ⑥ extend through their respective holes in the burner head. The burner head must click into place correctly.
- Then place the burner caps ① and ② in position.

Ensure that all parts of the burner are reassembled in the correct order.

Assembling the small, medium and large burners



- Place the burner head ② onto the burner base ③ so that the flame failure device ④ and the ignitor ⑤ extend through their respective holes in the burner head. The burner head must click into place correctly.
- Place the burner cap ① flat over the burner head ②. When correctly positioned, the burner cap will not slide about.

Ensure that all parts of the burner are reassembled in the correct order.

Checking burning properties

- Ignite all burners to check that they are operating correctly.
- The flame must not go out on the lowest setting, or when the control knob is turned quickly from the highest to the lowest setting.
- On the highest setting, the flame must have a distinctive and visible core.

Problem solving guide

Many malfunctions and minor faults that can occur in daily operation can be corrected without contacting Miele. This will save you time and money because you will not need a service call.

You can find information on how to remedy faults yourself at www.miele.com/service.

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.

Problem	Possible cause and remedy
The burner does not ignite when the cooktop is being used for the first time or after it has not been used for a longer period.	There could be an air lock in the gas pipe. ■ You may need to make several attempts before the burner ignites successfully.
The burner does not light after several attempts.	There is a fault. ■ Turn all of the controls clockwise to • burner off and interrupt the power supply to the cooktop for a few seconds.
	The burner is not correctly assembled. ■ Assemble the burner correctly.
	The gas shut-off valve is closed. ■ Open the gas shut-off valve.
	The burner is wet and/or dirty. ■ Clean and dry the burner.
	The flame openings are blocked and/or wet. ■ Clean and dry the flame openings.
The gas flame goes out after being lit.	The flames do not touch the flame failure device and the burner does not get hot enough: The burner parts are not positioned correctly. ■ Position the burner parts correctly.
	The flame failure device is dirty. ■ Remove any soiling.

Problem solving guide

Problem	Possible cause and remedy
The flame suddenly looks different.	The burner parts are not positioned correctly. ■ Position the burner parts correctly.
	The burner head or the holes in the burner cap are dirty. ■ Remove any soiling.
The gas flame goes out during operation.	The burner parts are not positioned correctly. ■ Position the burner parts correctly.
The ignitor on the burner does not spark.	The mains circuit breaker has tripped. ■ If it has, contact a qualified electrician or Miele.
	There is food residue stuck between the ignitor and the burner cap. The flame failure device is dirty. ■ Remove any soiling (See "Cleaning and care").

Optional accessories

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

These products can be ordered from the Miele online shop.

They can also be ordered directly from Miele (see end of this booklet for contact details).

Miele ceramic and stainless steel cooktop cleaner 250 ml

Removes heavy soiling, limescale deposits, and aluminium residues.

Stainless steel care product 250 ml

Easily removes water marks, stains and fingerprints. Also prevents resoiling.

Original Miele all purpose microfibre cloth

Removes finger marks and light soiling.

Contact in case of fault

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

You can book a Miele customer service call-out online at www.miele.com.au/service or www.miele.co.nz/service.

Contact information for Miele can be found at the end of this booklet.

Please quote the model and serial number of your appliance when contacting Miele. This information can be found on the data plate.

Data plate

Adhere the extra data plate stating the model number supplied with the appliance in the space below. Make sure that the model number matches the one specified on the back cover of these operating and installation instructions.

Warranty

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

For further information, please refer to your warranty booklet.

Installation

Safety instructions for installation



Risk of damage from incorrect installation.

Incorrect installation can cause damage to the cooktop.

The cooktop must only be installed by a qualified person.



Damage from falling objects.

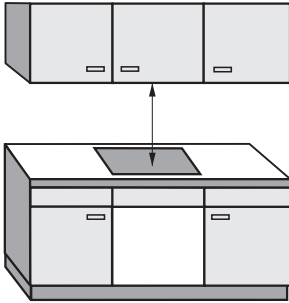
Take care not to damage the cooktop when fitting wall units or a rangehood above it.

Fit the wall units and the rangehood before the cooktop.

- ▶ The room in which the cooktop is installed must conform to all relevant local and national building regulations and safety regulations.
- ▶ 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.
- ▶ The cooktop must not be installed over a fridge, fridge-freezer, freezer, dishwasher, washing machine, washer-dryer or tumble dryer.
- ▶ A gas cooktop must not be installed directly next to a deep fat fryer as the gas flames could ignite the fat in the fryer. It is essential to maintain a distance of at least 300 mm between these two appliances.
- ▶ When installing the cooktop, make sure that the gas hose and electrical connection cable cannot come into contact with hot appliance parts.
- ▶ The electrical cable and any flexible gas connection pipes must be installed in such a way so that they do not come into contact with any moving kitchen parts (e.g. a drawer), and cannot become trapped.
- ▶ Carefully observe the safety clearances listed on the following pages.

Safety distances

Safety distance above the cooktop



The safety distance specified by the manufacturer of the rangehood must be maintained between the cooktop and the rangehood above it.

If the manufacturer's instructions are not available for the rangehood, a minimum safety distance as specified in AS/NZS 5601.1 must be maintained.

For any flammable objects, e.g. utensil rails, wall units etc., a minimum safety distance in accordance with AS/NZS 5601.1 must be maintained between these objects and the cooktop below.

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

Safety distances to the sides and back of the appliance

Ideally the appliance should be installed with plenty of space on either side. There may be a wall at the rear and a tall unit or wall on one side (right or left). On the other side, however, no tall unit or wall should stand higher than the appliance. Before installing the appliance, check that the location provides the required clearances from combustible material and, if necessary, provide protection to adjacent surfaces as required by regulations.

A gas appliance shall be installed such that the surface temperature of any nearby combustible surface* will not exceed 65 °C above ambient.

The minimum horizontal clearance from a combustible surface to the periphery of any gas burner must comply with AS/NZS 5601.1.

If that horizontal clearance is less than the required distance, that vertical surface must be protected by a non-combustible material in accordance with AS/NZS 5601.1.

*Combustible surface:

A material which will ignite and burn, and includes material which has been flameproofed.

Installation

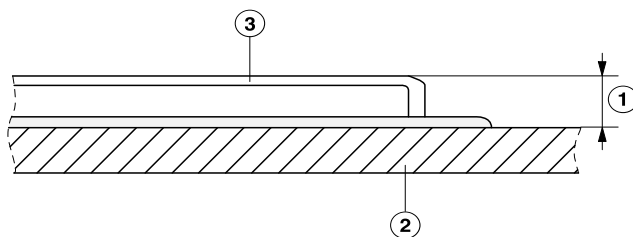
Clearance underneath the appliance

A minimum safety clearance of 25 mm must be provided underneath the appliance.

Please note that clearance must also be provided for the installation of the flexible gas connection hose and mains electrical cable if the appliance is to be installed above a closed surface (e.g. an oven).

Detailed dimensions

Height of pan supports above the worktop surface



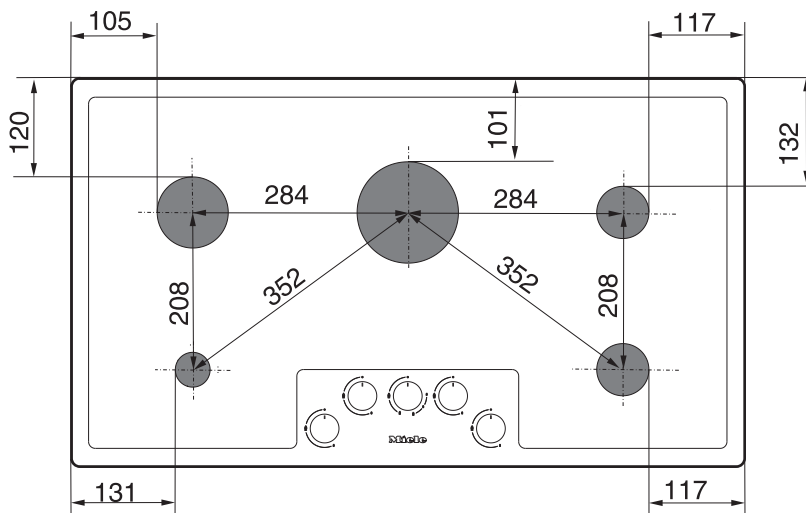
① Vertical distance

② Worktop surface

③ Pan support

The vertical distance ① from the top of the pan supports to the surface of the worktop is 15 mm.

Distances from burner to the edge of the appliance



Installation

Installation notes

A flush-fit cooktop is suitable only for installation in natural stone (granite, marble), solid wood and tiled worktops. Certain models are also suitable for building into glass worktops – these are marked with an appropriate note in “Installation – Installation dimensions”. When using a worktop made from any other material, please check first with the worktop manufacturer that it is suitable for installing a flush-fit cooktop.

The internal width of the base unit underneath the appliance must be at least as wide as the inner worktop cut-out (see “Installation – Installation dimensions”), so that the cooktop is easily accessible from underneath after installation and the bottom half of the casing can be removed for maintenance. If the underside of the cooktop is not freely accessible after installation, any sealant used to plug the gaps around the appliance must be removed to enable the cooktop to be lifted out of the cut-out should this be necessary.

Natural stone worktops

The cooktop is placed directly in the cut-out.

Solid wood worktops, tiled worktops, glass worktops

The cooktop is placed on a wooden frame inside the cut-out. The frame must be provided on site and is not supplied with the appliance.

Sealing strip

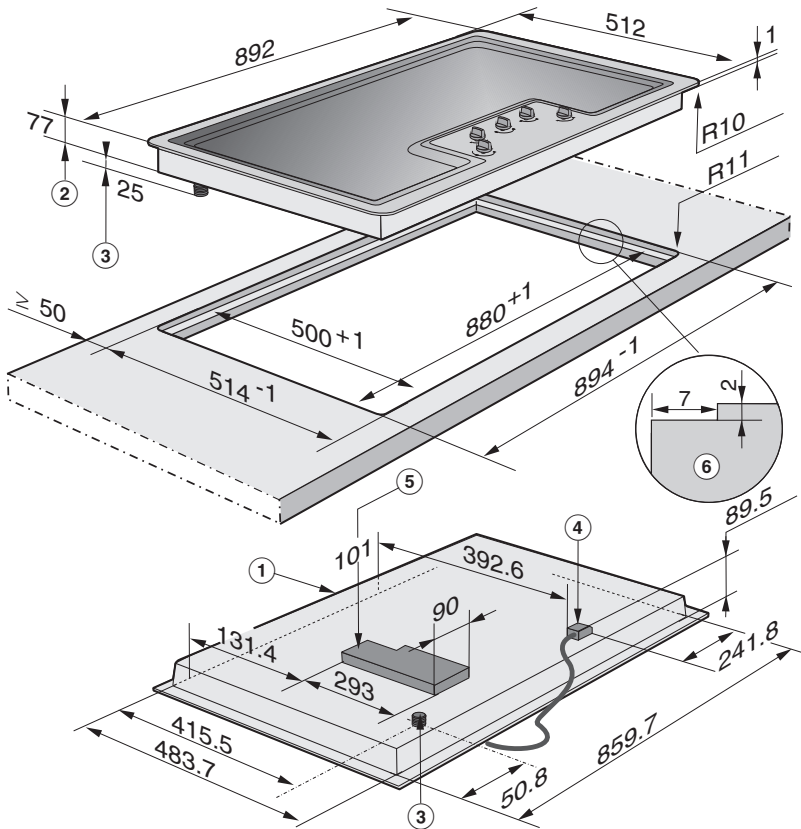
Dismantling the cooktop for service purposes may damage the sealing strip underneath the edge of the cooktop.

Always replace the sealing strip before reinstalling the cooktop.

Installation dimensions

All dimensions in this instruction booklet are given in mm.

KM 2357-1

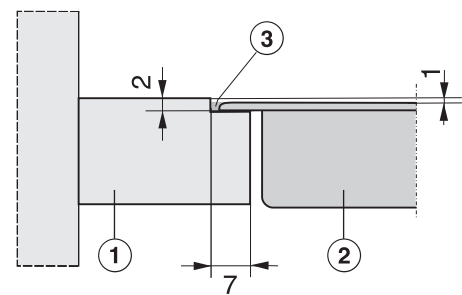


- ① Front
- ② Building-in depth
- ③ Gas connection R $\frac{1}{2}$ " - ISO 7-1 (DIN EN 10226)
- ④ Mains connection box with mains connection cable,
L = 2,000 mm
- ⑤ Electronics housing
- ⑥ Stepped cut-out for natural stone worktops
Please observe the detailed diagrams for cut-out dimensions in natural stone worktops.

Installation

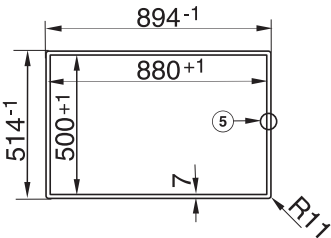
Installation

Granite and marble worktops



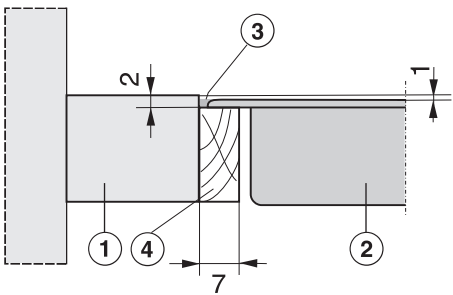
- ① Worktop
- ② Cooktop
- ③ Gap

As the cooktop and the worktop cut-out have a certain dimensional tolerance, the size of the gap ③ can vary.



- ⑤ Stepped cut-out

Solid wood / tiled worktops



- ① Worktop
- ② Cooktop
- ③ Gap
- ④ Wooden frame 7 mm (not supplied with appliance)

As the cooktop and the worktop cut-out have a certain dimensional tolerance, the size of the gap ③ can vary.

Preparing the worktop

- Create the worktop cut-out as shown in the cooktop illustrations and inset diagrams. Remember to maintain the minimum safety distances (see “Installation – Safety distances”).
- Solid wood and tiled worktops:
Secure the wooden frame ④ 2 mm below the top edge of the worktop.

Installing the cooktop

- Feed the mains connection cable down through the worktop cut-out.
- Centre the cooktop in the cut-out.
- Connect the cooktop to the electricity supply (see “Installation – Electrical connection”).
- Connect the cooktop to the gas supply (see “Installation – Gas connection”).
- Secure the cooktop (see “Installation - Securing the cooktop”).
- Check that the cooktop works (see “Installation - Checking operation”).
- Seal the remaining gap ③ with a silicone sealant that is heat-resistant to at least 160 °C.

Unsuitable sealant can damage natural stone.

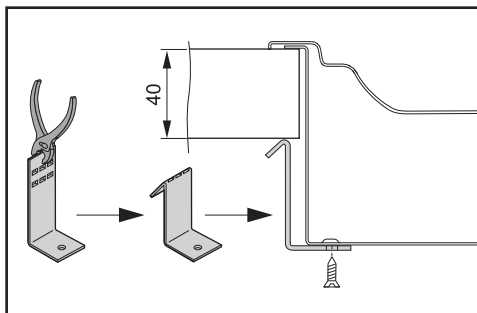
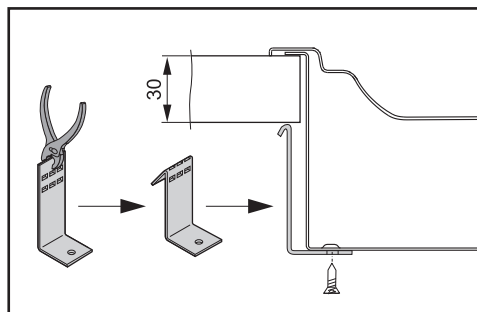
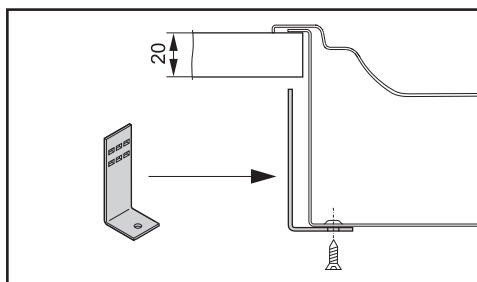
For natural stone worktops and natural stone tiles, only use silicone sealant that is specially formulated for natural stone.

Please follow the manufacturer's instructions.

Installation

Securing the cooktop

The brackets are suitable for securing the cooktop in a flush-fit installation or surface mounting. The illustrations show the cooktop secured in a flush-fit installation.




- Secure the cooktop using the brackets supplied.

Functional check

- After installing the cooktop, ignite all burners to check that they are operating correctly:
 - The flame must not go out on the lowest setting, or when the control knob is turned quickly from the highest to the lowest setting.
 - On the highest setting, the flame must have a distinctive and visible core.

Gas connection

 Risk of explosion due to an incorrect gas connection.

If the gas connection is carried out incorrectly, it may result in gas leakage.

Connection to the gas supply must only be undertaken by an authorised and registered gas installer in strict accordance with current local and national safety and building regulations. The installer is responsible for ensuring that the appliance functions correctly when installed.

 Risk of explosion due to an incorrect conversion.

If the conversion to another type of gas is carried out incorrectly, it may result in gas leakage.

Conversion from one type of gas to another must only be undertaken by an approved and registered gas installer in strict accordance with current local and national safety and building regulations. The installer is responsible for ensuring that the appliance functions correctly when installed.

The gas connection must be installed so that connection can be made either from inside or outside the kitchen furniture unit. Every appliance must have its own isolating valve. The isolating valve must be easily accessible and visible (by opening the cabinet door if necessary).


Check with your local gas supplier about the type of gas supplied and compare this information with the type of gas quoted on the appliance's data plate.

The cooktop is not connected to an exhaust flue.

When installing and connecting the appliance, please observe the relevant regulations and ensure it has adequate ventilation once installed.

The gas connection must be made in accordance with national and local regulations.

Special provisions of the local gas supplier as well as building regulations must also be observed.

 Risk of heat damage.

Gas connections, gas hoses or pipes and mains connection cables can be damaged if exposed to heat from the cooktop.

After installation make sure that neither the gas hose/pipe nor the mains cable can come into contact with hot parts of the appliance and that the gas hose/pipe and connections on the cooktop cannot come into contact with hot exhaust fumes.

Installation



Risk of explosion due to damaged gas hoses and pipes.

Gas can leak from damaged flexible gas hoses.

Attach flexible gas hoses in such a way that the hose assembly is not exposed to high temperatures exceeding the maximum recommended by the hose manufacturer, subjected to strain, kinking, permanent deformation or damage by vermin.

Connect the cooktop to the gas supply in accordance with national and local regulations. Check the gas connection for any leaks.

The gas pressure must be set by an approved gas fitter and a full operational test and a test for possible leakages must be carried out by the gas fitter after installation.

Depending on country of destination, this appliance is set up for connection to natural gas or ULPG. See adhesive label on the appliance:

- G = NG (natural gas)
- LP = ULPG (Propane/Butane)

Depending on country of destination, jets are supplied for conversion to a different type of gas. If the appropriate jets have not been supplied with the appliance, you will need to contact Miele. Conversion to another type of gas is described in the section "Conversion to another type of gas".

Connecting the cooktop

The cooktop is supplied with a $\frac{1}{2}$ " threaded gas connection. There are two connection options:

- Fixed connection.
- Flexible hose class B or D which complies with AS/NZS 1869 and must be certified. The minimum inner diameter (\varnothing) must be 10 mm and the maximum length 1200 mm.



Risk of explosion due to gas leakage.

Unsuitable sealant will not ensure the required leak protection for connections.

Ensure that a suitable sealant is used.

Setting the gas pressure

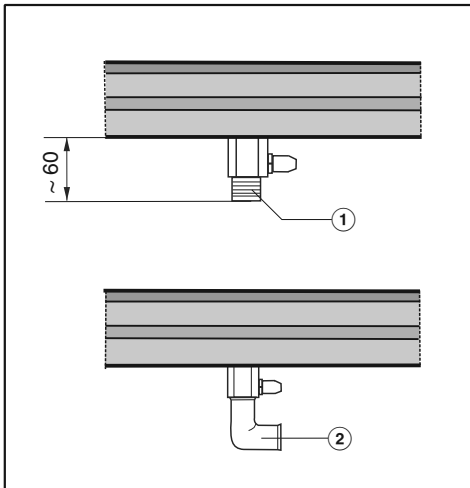
The gas pressure must be set by the authorised gas fitter as shown on the data plate:

Natural gas 1.0 kPa

ULPG (Propane/Butane) 2.75 kPa

The gas pressure must be set with the largest burner operating at maximum setting.

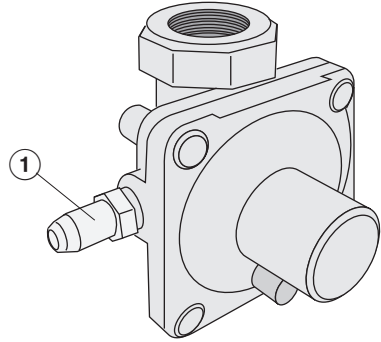
For ULPG models



- ① Connection R 1/2" with test point
- ② Connection R 1/2" with test point and 90° angle
When using a 90° angle the building-in depth will increase to the depth of the elbow used.

For natural gas models

The gas regulator is only included with appliances which are set up for connection to natural gas. The regulator must be connected directly to the appliance.



① Pressure Test Point

- Loosen the screw in the test point until it is free in its housing. The screw is retained in this position.
- Connect the hose from the pressure gauge.
- Reassemble the wok burner, turn on the gas and manually light the burner. Set the gas pressure.
- Disconnect the hose from the pressure gauge and screw in the test point screw.
- For natural gas models: Connect the gas regulator directly to the appliance.

Installation

Burner ratings

Nominal ratings

Burner	Gas type	Highest setting	Lowest setting
		MJ/h	MJ/h
Small burner	NG	4.0	1.2
	ULPG	3.2	0.7
Medium burner x 2	NG	6.0	1.3
	ULPG	5.5	0.8
Large burner	NG	9.7	1.7
	ULPG	8.2	1.7
Wok burner	NG	16.0	0.8
	ULPG	13.7	0.6
Total	NG	41.7	
	ULPG	36.1	

Electrical connection

The cooktop is supplied with a mains connection cable with moulded plug ready for connection to a suitable earthed socket.

The socket should be easily accessible after the cooktop has been installed. If the socket is not easily accessible, ensure that a suitable means of disconnection is provided on the installation side for each pole.



Risk of fire from overheating.
Connecting the cooktop to multi-socket adapters or extension cables can overload the cables.
For safety reasons, do not use an extension cable or multi-socket adapter.

Risk of damage from incorrect connection. Incorrect installation, maintenance and repairs can be dangerous to users. Miele cannot be held liable for damage or injury (e.g. electric shock) caused by unauthorised installation, maintenance or repair work, or by an inadequate or faulty on-site earthing system.

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

For safety reasons, we recommend using a suitable residual current device (RCD) in the relevant electrical installation for connecting the cooktop.

If the mains connection cable is damaged, it must only be replaced with a specific mains connection cable of the same type (available from Miele). For safety reasons, such replacement may only be carried out by a suitably qualified and competent electrician or a Miele authorised service technician, in order to avoid a hazard.

The data plate indicates the nominal power consumption and the connection data. Compare this information with the data of the on-site electrical connection. If in any doubt, consult a qualified electrician.

Temporary or permanent operation with a self-sufficient or non-mains synchronous energy supply system (e.g. isolated networks, back-up systems) is possible. A requirement for the operation is that the energy supply system complies with all current local and national requirements that apply to stand-alone, solar and/or battery systems.

The protective measures provided in the domestic installation and in this Miele product must also be assured in their function and operation in isolated operation or in non-mains synchronous operation, or replaced with equivalent measures in the installation.

Conversion to another type of gas

 Risk of explosion due to an incorrect conversion.

If the conversion to another type of gas is carried out incorrectly, it may result in gas leakage.

Conversion from one type of gas to another must only be undertaken by an authorised and registered gas installer in strict accordance with current local and national safety and building regulations. The installer is responsible for ensuring that the appliance functions correctly when installed. Disconnect the cooktop from the electricity supply and turn off the gas supply.

Changing the jets

- Disconnect the cooktop from the electricity supply and turn off the gas supply.

When converting to another type of gas, both the main **and** small jets need to be changed.

Jet table

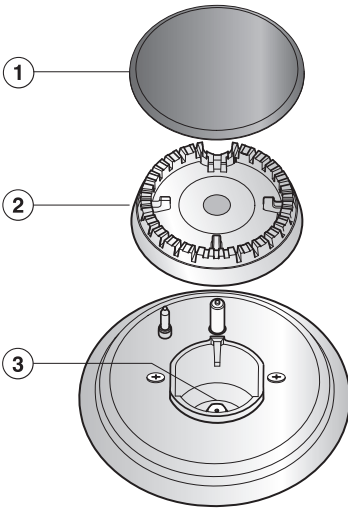
The jet markings refer to a $\frac{1}{100}$ mm bore diameter.

The table below shows the jet sizes in mm.

Burner	Ø	
	Main jet	Small jet
NG		
Small	0.90	0.52
Medium x 2	1.10	0.52
Large	1.43	0.60
Wok burner	2x 1.20 / 0.90	0.88 / 0.42
ULPG		
Small	0.52	0.23
Medium x 2	0.66	0.27
Large	0.81	0.39
Wok burner	2x 0.67 / 0.46	0.52 / 0.23

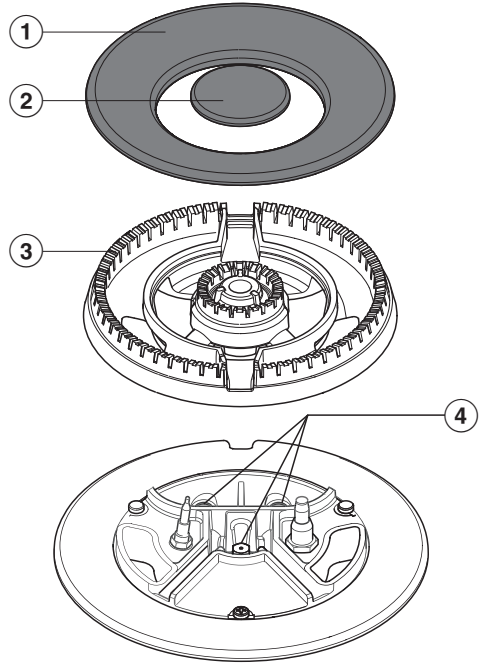
Conversion to another type of gas

Changing the main jets (small, medium and large burners)



- Remove the pan support, burner cap ① and burner head ②.
- Using an M7 socket spanner, unscrew the main jet ③.
- Fit the correct jets securely (see jet table).
- Secure the jets against inadvertent loosening with sealing wax.

Changing the main jets (wok burner)



- Remove the burner caps ①② and the burner head ③.
- Using an M7 socket spanner, unscrew the main jets ④.
- Fit the correct jets securely (see jet table).
- Secure the jets against inadvertent loosening with sealing wax.

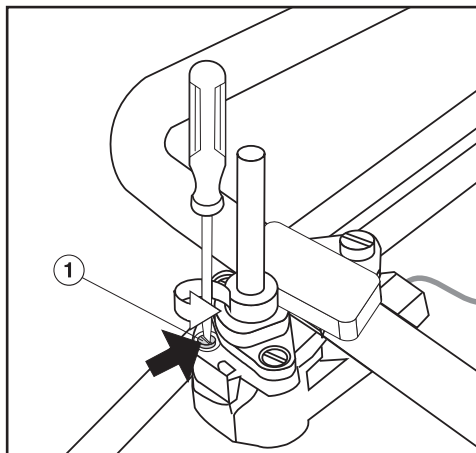
Conversion to another type of gas

Removing the top of the appliance

You must remove the top of the appliance to change the small jets.

- Pull the control knobs off.
- Remove the loose burner components.
- Loosen the fixing screws on the burners.
- Lift the top of the appliance off to remove it.

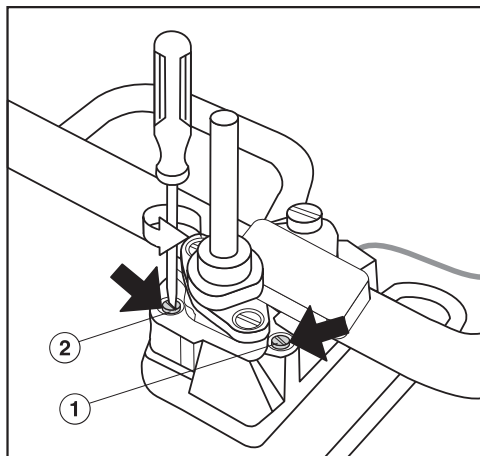
Changing the small jets (small, medium and large burners)



- Using a small screwdriver, unscrew the small jet ① in the gas fitting.
- Pull out the jet with a pair of long nose pliers.
- Fit the correct jet securely (see jet table).
- Secure the jets against inadvertent loosening with sealing wax.

Conversion to another type of gas

Changing the small jets (wok burner)



① Small jet with smaller diameter
(e.g. for LPG: 0.23)

② Small jet with larger diameter
(e.g. for LPG: 0.52)

- Using a small screwdriver, unscrew the two small jets in the gas fitting.
- Pull out the jets with a pair of long nose pliers.
- Fit the correct jets securely (see jet table).
- Secure the jets against inadvertent loosening with sealing wax.

Checking operation

- Check all gas fittings for leaks.
- Reassemble the cooktop.
- Ignite all burners to check that they are operating correctly.
 - The flame must not go out on the lowest setting, or when the control is turned quickly from the highest to the lowest setting.
 - On the highest setting, the flame must have a distinctive and visible core.
- Adhere the label supplied with the jets over the old label stating the type of gas being used.

Miele Australia Pty. Ltd.

ACN 005 635 398

ABN 96 005 635 398

Miele Head Office Melbourne:

Level 4, 141 Camberwell Road
Hawthorn East, VIC 3123

Miele Experience Centre Doncaster:

1136/7 Doncaster Shopping Centre
619 Doncaster Rd, Doncaster, VIC 3108

Miele Experience Centre South Melbourne:

206-210 Coventry Street
South Melbourne, VIC 3205

Miele Experience Centre and Office Sydney:

3 Skyline Place
Frenchs Forest, NSW 2086

Miele Experience Centre and Office Brisbane:

Tenancy 4C, 63 Skyring Terrace
Newstead, QLD 4006

Miele Experience Centre Gold Coast:

131 Ferry Road
Southport, QLD 4215

Miele Experience Centre and Office Adelaide:

83-85 Sir Donald Bradman Drive
Hilton, SA 5033

Miele Experience Centre and Office Perth:

205-207 Stirling Highway
Claremont, WA 6010

1300 464 353 (1300 4 MIELE)

www.miele.com.au

Miele New Zealand Limited

IRD 98 463 631

**Miele Experience Centre
and Head Office Auckland:**

8 College Hill
Freemans Bay, Auckland 1011

**Miele Experience Centre
Wellington:**

183 Featherston Street
Wellington 6011

0800 464 353 (0800 4 MIELE)

www.miele.co.nz

Miele Global Headquarters**Germany****Miele & Cie. KG**

Carl-Miele-Straße 29

33332 Gütersloh

Federal Republic of Germany

KM 2357-1

en-AU, NZ

M.-Nr. 11 135 270 / 05