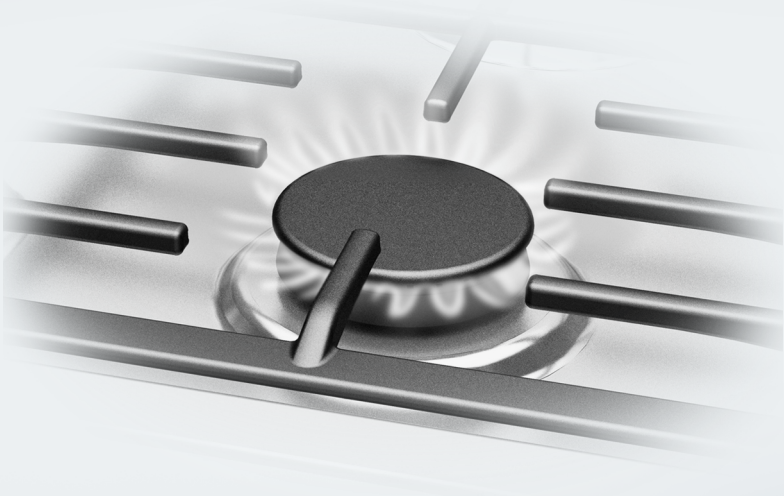
Installation instructions
Gas cooktops



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.

en-AU, NZ

M.-Nr. 05 827 671

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.

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.

Please stick the extra data plate for the appliance supplied with this documentation near the appliance if the appliance markings are not visible after installation.

Contents

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.

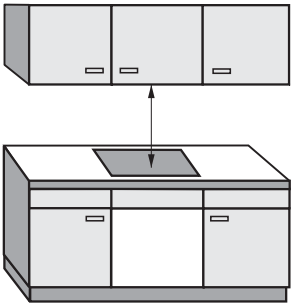
▶ This cooktop is not suitable for installation and operation with aftermarket lids or covers fitted.

▶ This appliance must not be installed and operated in mobile installations (e.g. on a ship).

▶ 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.

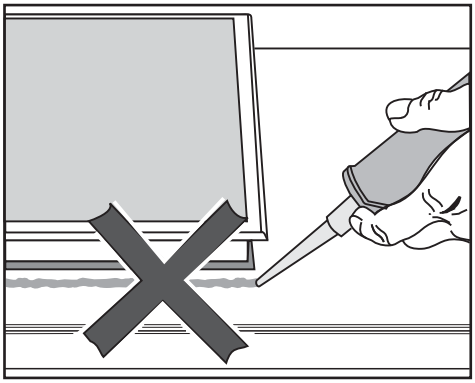
Clearance underneath the appliance

A minimum safety clearance of 30 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).

Installation notes

Seal between the cooktop and the worktop



⚠ Damage caused by incorrect installation.

Using sealant under the cooktop could result in damage to the cooktop and the worktop if the cooktop ever needs to be removed for servicing.

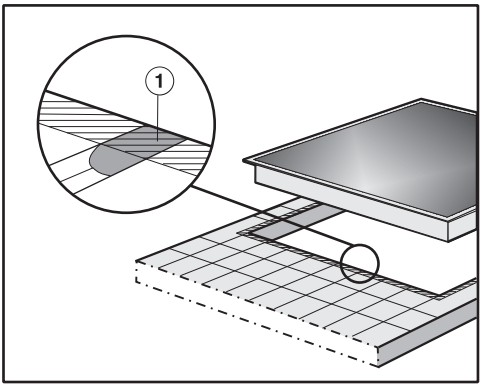
Do not use sealant between the cooktop and the worktop.
The sealing strip under the edge of the cooktop provides a sufficient seal for the worktop.

Sealing strip

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

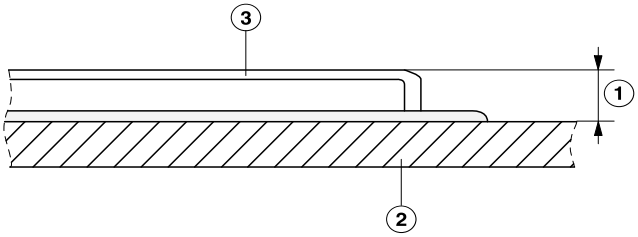
Always replace the sealing strip before reinstalling the cooktop.

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.

Height of pan supports above the worktop surface



① Vertical distance

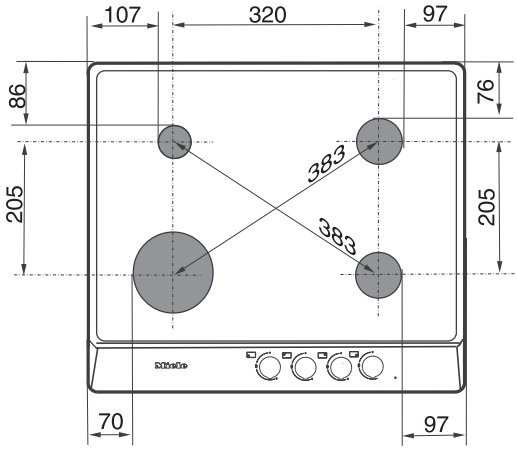
② Worktop surface

③ Pan support

The vertical distance ① from the top of the pan supports to the surface of the worktop is 48 mm.

Distances from burner to the edge of the appliance

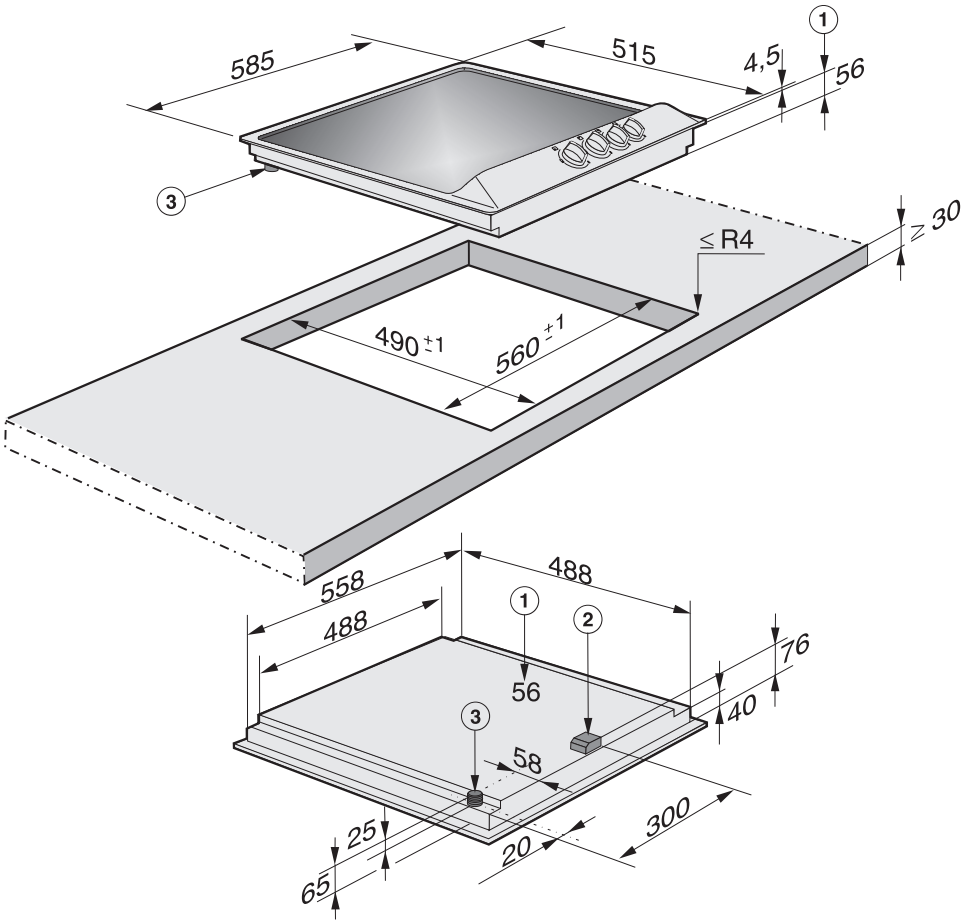
KM 362-1



Installation dimensions

All dimensions in this instruction booklet are given in mm.

KM 360, KM 362

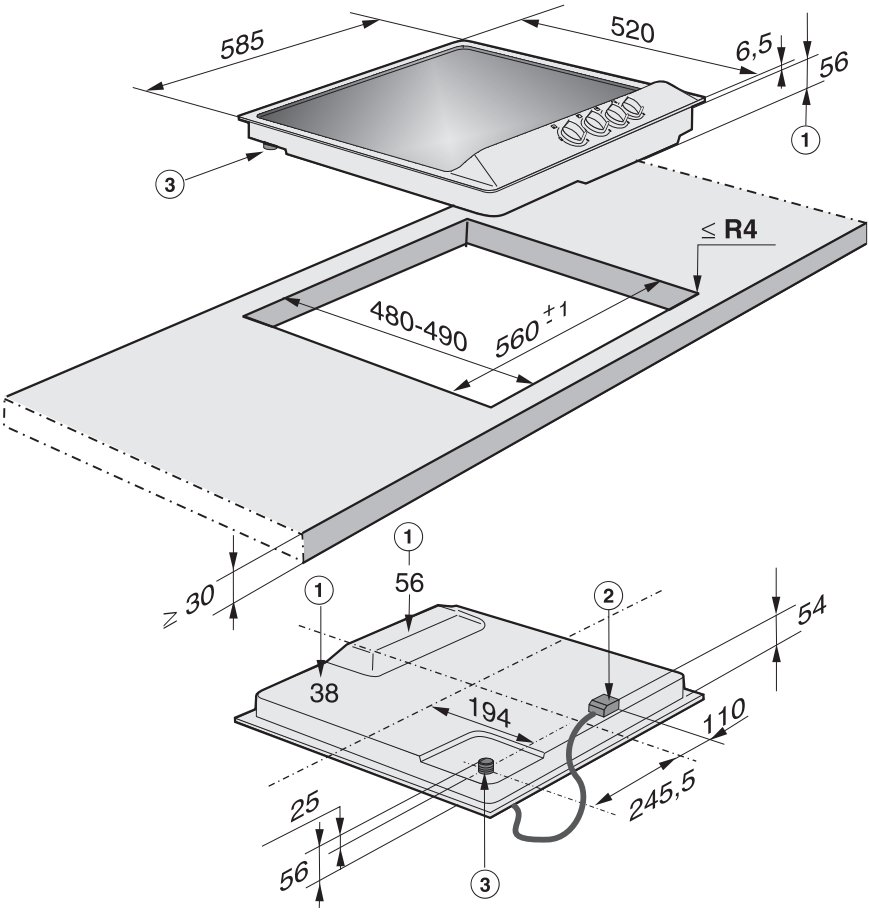


① Building-in depth

② Mains connection box with mains connection cable, L = 2,000 mm

③ Gas connection R $^1/_2$" - ISO 7-1 (DIN EN 10226)

KM 360-1, KM 362-1



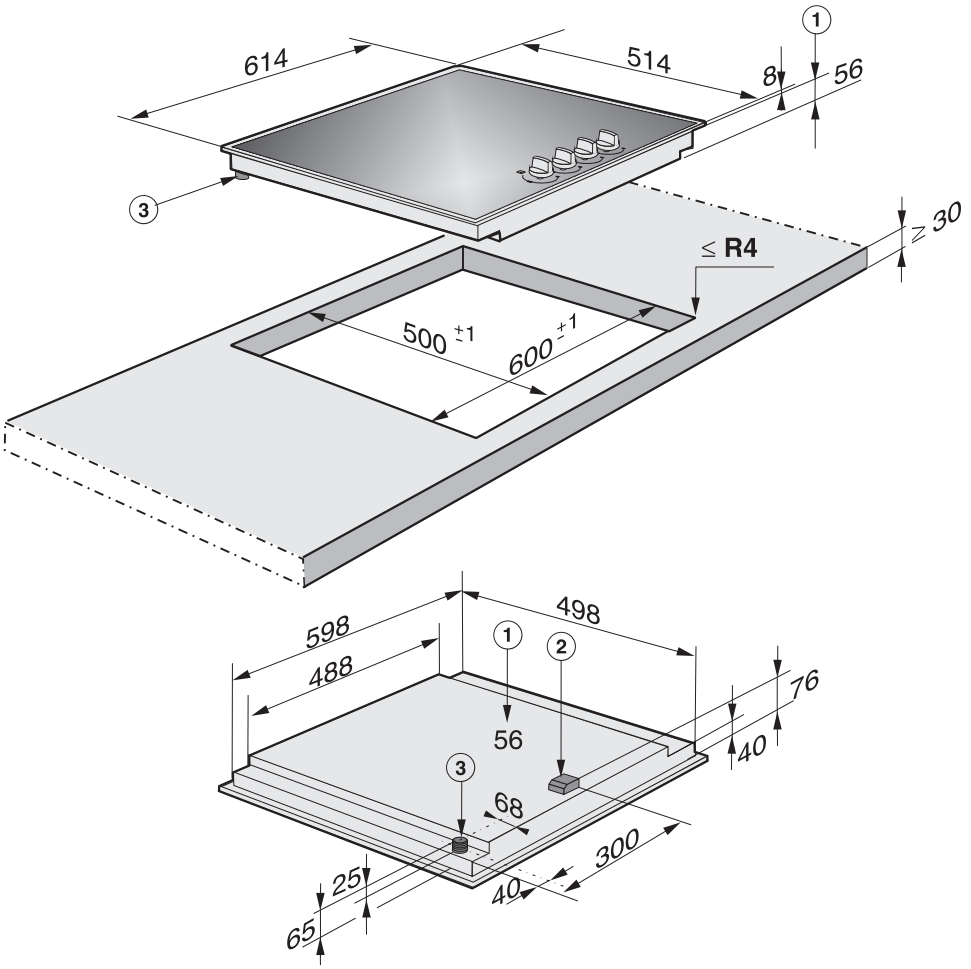
① Building-in depth

② Mains connection box with mains connection cable, L = 2,000 mm

③ Gas connection R $^{1}/_{2}$" - ISO 7-1 (DIN EN 10226)

Installation dimensions

KM 361 G, KM 361 G



① Building-in depth

② Mains connection box with mains connection cable, L = 2,000 mm

③ Gas connection R $^{1}/_{2}$" - ISO 7-1 (DIN EN 10226)

Preparing the worktop

- Create the worktop cut-out. Remember to maintain the minimum safety distances (see "Installation – Safety distances").
- Seal the cut surfaces of **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 sealing strip ensures that the cooktop will sit securely in the cut-out without slipping. Any gap between the frame and worktop will become smaller over time.

Installing the cooktop

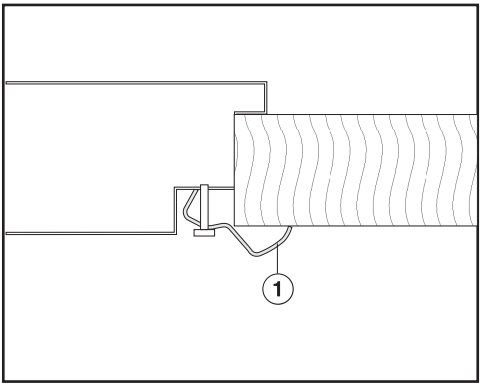
- Attach the sealing strip provided underneath the edge of the cooktop.
- Feed the mains connection cable down through the worktop cut-out.
- Place the cooktop centrally in the cut-out. When doing this, make sure that the seal of the appliance sits flush with the worktop on all sides. This is important to ensure an effective seal with the worktop.

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

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

- Connect the cooktop to the electricity supply (see "Installation – Electrical connection").
- Connect the cooktop to the gas supply (see "Installation – Gas connection").

Securing the cooktop



■ Secure the cooktop using the brackets ① 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.

⚠ 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.

Gas connection

⚠ 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 $^1/_2$" 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 (Ø) 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.

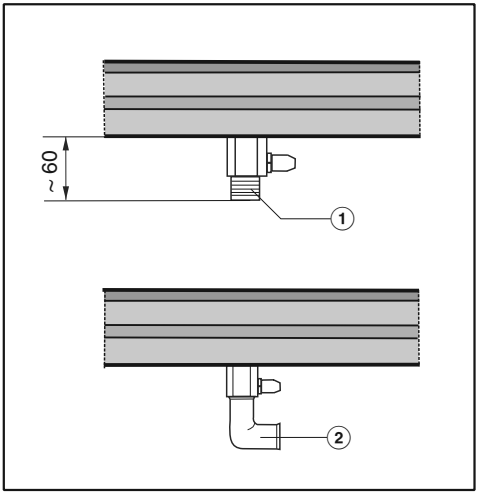
Ensure that a suitable sealant is used.

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

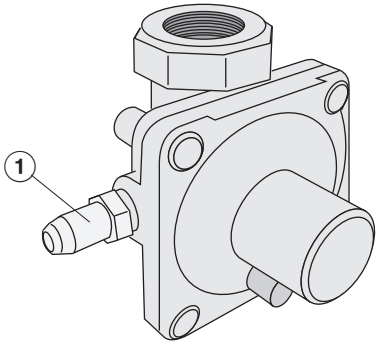


① Connection R $^1/_2$" with test point

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 largest 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.

Burner ratings

Nominal ratings for KM 360, KM 360-1, KM 361

Burner	Gas type	Highest setting	Lowest setting
		MJ/h	MJ/h
Auxiliary burner	NG ULPG	3.85 3.60	0.70 0.41
Normal burner	NG ULPG	5.85 6.35	1.10 0.97
Fast burner	NG ULPG	10.35 9.68	1.70 1.65
Total	NG ULPG	25.90 25.98	

Nominal ratings for KM 362, KM 362-1

Burner	Gas type	Highest setting	Lowest setting
		MJ/h	MJ/h
Auxiliary burner	NG ULPG	3.85 3.60	0.70 0.41
Normal burner	NG ULPG	5.85 6.35	1.10 0.97
Wok burner	NG ULPG	14.40 14.40	5.74 5.58
Total	NG ULPG	29.95 30.70	

Nominal ratings for KM 363

Burner	Gas type	Highest setting	Lowest setting
		MJ/h	MJ/h
Auxiliary burner	NG ULPG	3.85 3.60	0.70 0.41
Normal burner	NG ULPG	5.85 6.35	1.10 0.97
Fast burner	NG ULPG	10.35 9.68	1.70 1.65
Total	NG ULPG	20.05 19.63	

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.

⚠ 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.

Jet table

The jet markings refer to a $^{1}/_{100}$ mm bore diameter.

The table below shows the jet sizes in mm.

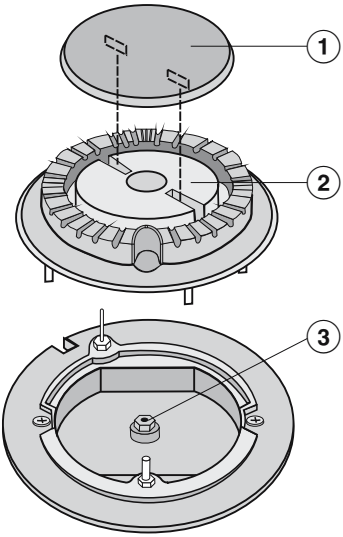
Burner	∅	
	Main jet	Small jet
Natural gas		
Auxiliary	0.90	0.42
Normal	1.10	0.52
Fast	1.50	0.60
Wok burner	1.70/0.70	1.30 (1A)
ULPG		
Auxiliary	0.52	0.23
Normal	0.70	0.32
Fast	0.87	0.40
Wok burner	1.00/0.37	0.68

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.

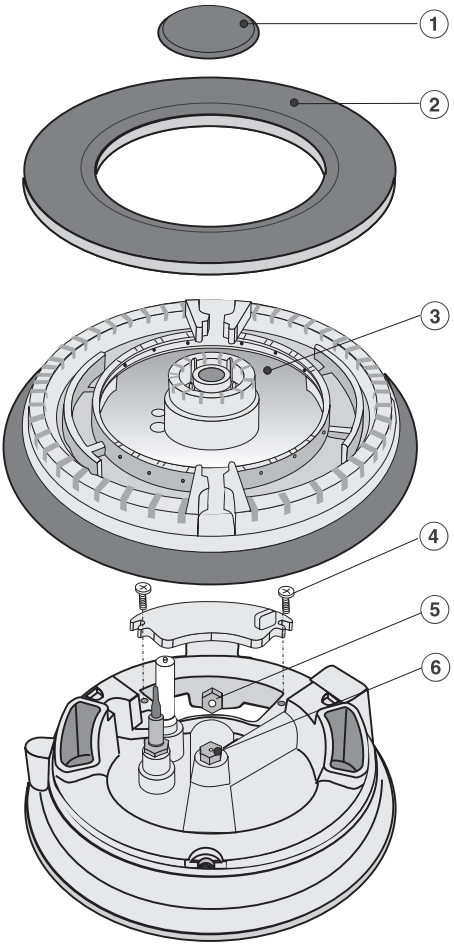
Changing the main jets (auxiliary, normal and fast burners)



- Remove the pan supports, the burner cap ① and the burner head ②.
- Using an M7 socket spanner, unscrew the main jet ③.
- 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 main jets (wok burner)

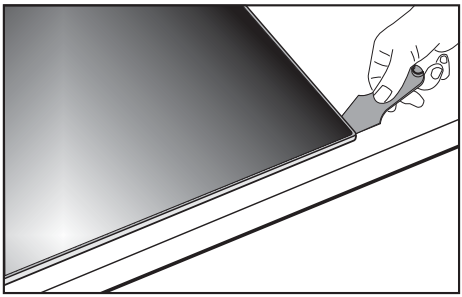


- Remove the burner caps ①② and the burner head ③.
- Loosen the screws ④ and remove the cover plate.
- Using an M7 socket or open-end spanner, unscrew the main jets ⑤ (larger diameter) and ⑥ (smaller diameter).
- Fit the correct jets securely (see jet table).
- Secure the jets against inadvertent loosening with sealing wax.

Removing the top of the appliance

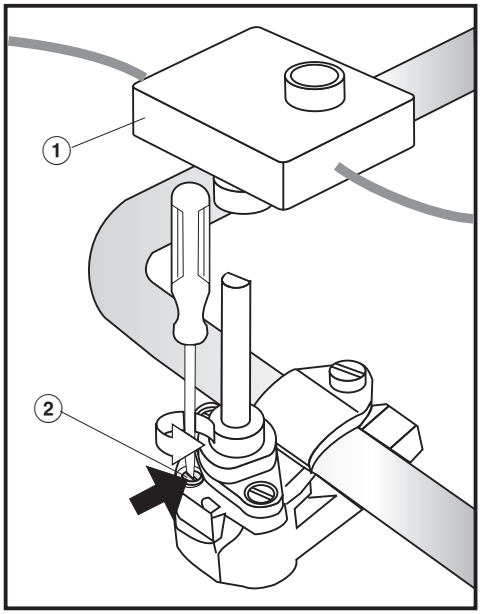
You must remove the top of the appliance to change the small jets.

- 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.



To remove the ceramic glass top, insert the scraper supplied in the corner between the frame and the worktop.

Changing the small jets



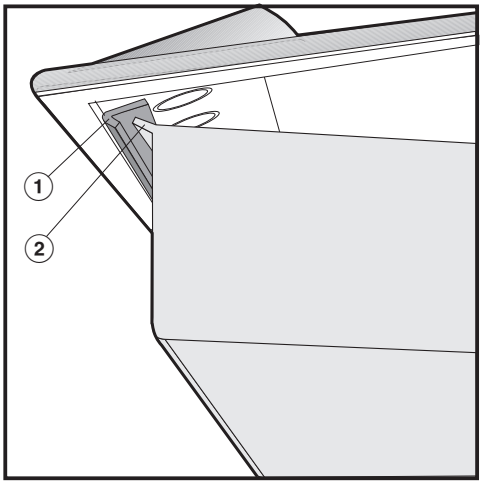
- Remove the ignition switch ①.
- Using a small screwdriver, unscrew the small jet ② in the gas fitting.
- Pull out the jet with a pair of pliers.
- Fit the correct jets securely (see jet table).
- Secure the jets against inadvertent loosening with sealing wax.

Conversion to another type of gas

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.

Refitting the stainless steel upper section



- Position the upper section as shown in the illustration.
- Push it forwards first and then backwards until the angle bracket ① clicks into place underneath the lip ②.
- Then lower the upper section.

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.

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Miele

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