

Operating and installation instructions Induction hobs



To avoid 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 hob complies with all relevant local and national safety requirements. Inappropriate use can, however, lead to personal injury and material damage.

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

Miele expressly and strongly advises that you read and follow the instructions in the chapter on installing the hob as well as the safety instructions and warnings.

Miele cannot be held liable for injury or damage caused by noncompliance 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 hob is intended for domestic use and use in other similar environments.
- ▶ This hob is not intended for outdoor use.
- ▶ It is intended for domestic use only to cook food and keep it warm. Any other use is not supported by the manufacturer and could be dangerous.
- ▶ This hob is not intended for use by people 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 hob unsupervised if they have been shown how to use it in a safe way. They must be able to recognise and understand the dangers of misuse.

Safety with children

- ▶ Children must be kept away from the hob unless they are constantly supervised.
- ▶ Juveniles may use the hob if its operation has been clearly explained to them and they are able to use it safely. They must be able to understand and recognise the possible dangers caused by incorrect operation.
- ▶ Children must not be allowed to clean the hob unsupervised.
- ▶ Please supervise children in the vicinity of the hob and do not let them play with it.
- ▶ The hob gets hot when in use and remains hot for a while after being switched off. Keep children well away from the hob 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 hob. Otherwise they could be tempted to climb onto the hob.
- ▶ Risk of burning and 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! 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.
- ▶ Activate the system lock to ensure that children cannot switch on the hob inadvertently. Use the safety lock when the hob is in use to prevent children from altering the settings selected.

Warning and Safety instructions

Technical safety

- ▶ Unauthorised installation, maintenance and repairs can cause considerable danger for the user. Installation, maintenance and repairs must only be carried out by a Miele authorised technician.
- ▶ Damage to the hob can compromise your safety. Check the hob for visible signs of damage. Do not use the hob if it is damaged.
- ▶ Temporary or permanent operation on an autonomous power supply system or a power supply system that is not synchronised with the mains power supply (e.g. island networks, back-up systems) is possible. A prerequisite for operation is that the power supply system complies with the specifications of EN 50160 or an equivalent standard.

The function and operation of the protective measures provided in the domestic electrical installation and in this Miele product must also be maintained in isolated operation or in operation that is not synchronised with the mains power supply, or these measures must be replaced by equivalent measures in the installation. As described, for example, in the current version of BS OHSAS 18001–2 ISO 45001.

- ▶ The electrical safety of this hob can only be guaranteed when correctly earthed. It is essential that this standard safety requirement is met. If in any doubt please have the electrical installation tested by a registered electrical worker.
- ▶ To avoid the risk of damage to the hob, 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 registered electrical worker if in doubt.
- ▶ Do not connect the hob 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 hob may only be used after it has been built in.
- ▶ This hob must not be used in a non-stationary location (e.g. on a ship).

Warning and Safety instructions

▶ Never open the casing of the hob.

Touching or tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operational faults.

▶ While the hob is under warranty, repairs should only be undertaken by a Miele authorised service technician. Otherwise the warranty is invalidated.

▶ Miele can only guarantee the safety of the appliance when genuine original Miele replacement parts are used. Faulty components must only be replaced by Miele spare parts.

▶ The hob is not intended for use with an external timer switch or a remote control system.

▶ The hob must be connected to the electricity supply by a qualified electrician (see “Installation – Electrical connection”).

▶ If the mains connection cable is damaged, it must be replaced with a special mains connection cable by a registered electrical worker (see “Electrical connection” in the “Installation” chapter).

▶ The hob must be disconnected from the mains electricity supply during installation, maintenance and repair work. Ensure that power is not supplied to the appliance until after it has been installed or until any maintenance or repair work has been carried out.

▶ Danger of electric shock. Do not use the hob if it is faulty, or if the ceramic surface is cracked, chipped or damaged in any way. Switch it off immediately. Disconnect the hob from the mains electricity supply. Contact Miele Service.

▶ If the hob is installed behind a cabinet door, do not close the door while the hob is in use. Heat and moisture can build up behind the closed door. This can result in damage to the hob, the housing unit and the floor. Do not close the door until the residual heat indicators go 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.

Warning and Safety instructions

Correct use

- ▶ The hob 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.
- ▶ Oil and fat can overheat and catch fire. Do not leave the hob unattended when cooking with oil and fat. If it does ignite do not attempt to put the flames out with water. Disconnect the hob from the mains and use a suitable fire blanket, saucepan lid, damp towel or similar to smother the flames.
- ▶ Do not leave the hob unattended whilst it is being used. It should be continually monitored whilst boiling and flash frying.
- ▶ Flames could set the grease filters of a cooker hood on fire. Do not flambé under a cooker hood.
- ▶ Spray canisters, aerosols and other inflammable substances can ignite when heated. Therefore do not store such items or substances in a drawer under the hob. 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 hob, as pressure can build up in the container, causing it to explode.
- ▶ Do not cover the hob, e.g. with a hob cover, a cloth or protective foil. The material could catch fire, shatter or melt if the hob is switched on by mistake or if residual heat is still present.
- ▶ 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 hob heating up, with the danger of burning. Depending on the material, other items left on the hob 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.

Warning and Safety instructions

- ▶ You could burn yourself on the hot hob. 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 hob, ensure that the cable of the electrical appliance cannot come into contact with the hot hob. 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 hob when it is 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 suitable for use on glass. Wear oven gloves when doing this. Allow the ceramic surface to cool down and then clean it with a suitable ceramic hob cleaning agent.
- ▶ Pans which boil dry can cause damage to the ceramic glass. Do not leave the hob 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 hob. Sliding them into place can cause scuffs and scratches.

Warning and Safety instructions

- ▶ Because induction heating works so quickly, the base of the pan could, under certain circumstances, heat up to the temperature at which oil or fat self-ignites within a very short time. Never leave the hob unattended during use!
- ▶ Heat oil or fat for a maximum of one minute. Never use the Booster function to heat oil or fat.
- ▶ For people fitted with a heart pacemaker: Please note that the area immediately surrounding the hob 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 hob.
- ▶ Metal utensils stored in a drawer under the hob can become hot if the appliance is used intensively for a long time.
- ▶ The hob is fitted with a cooling fan. If a drawer is fitted directly underneath the hob, ensure that there is sufficient space between the drawer and its contents and the underside of the hob in order to ensure sufficient ventilation for the hob.
- ▶ If a drawer is fitted directly underneath the hob, do not store any pointed or small items, paper, serviettes, etc. in the drawer. They could get in through the ventilation slots or be sucked into the casing by the fan and damage the fan or impair cooling.
- ▶ Do not use two pans on a cooking zone or extended zone at the same time.
- ▶ If the cookware only partially covers a cooking or extended zone, the handle could become very hot.
Always place cookware in the middle of a cooking or extended zone!
- ▶ The induction generators could be damaged or even destroyed if you use an induction adapter plate for cookware. Do not use induction adapter plates.

Cleaning and care

- ▶ Do not use a steam cleaning appliance to clean this hob. The steam could reach electrical components and cause a short circuit.
- ▶ If the hob is built in over a pyrolytic oven, the hob should not be used whilst the pyrolytic process is being carried out, as this could trigger the overheating protection mechanism on the hob (see relevant section).
- ▶ Miele will guarantee to supply functional spare parts for a minimum of 10 years and up to 15 years following the discontinuation of your hob.

Sustainability and environmental protection

Energy saving tips

- Cook in covered pots and pans if possible. This prevents heat escaping unnecessarily.
- Cook with as little water as possible.
- Once food has come to the boil or the pan is hot for frying, reduce the heat to a lower power level.
- Use a pressure cooker to reduce cooking durations.

Disposing of the packaging material

The packaging material is used for handling and protects the appliance from transport damage. The packaging material used is selected from materials which are environmentally friendly for disposal and can generally be recycled.

Recycling the packaging material reduces the use of raw materials. Use material-specific collection points for valuable materials and take advantage of return options. Your Miele dealer will take the packaging material away.

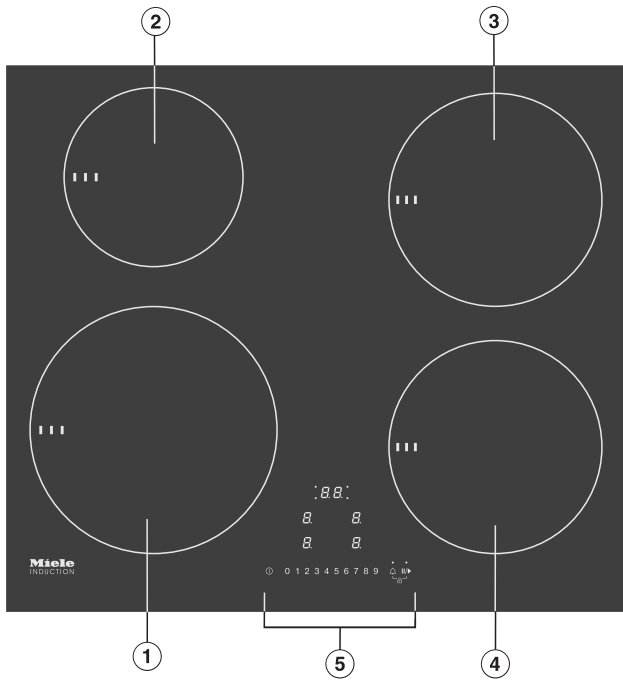
Disposing of your old appliance

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, or contact your dealer or Miele for advice. You are also responsible (by law, depending on territory) for deleting any personal data that may be stored on the appliance being disposed of. Please ensure that your old appliance poses no risk to children while being stored prior to disposal.

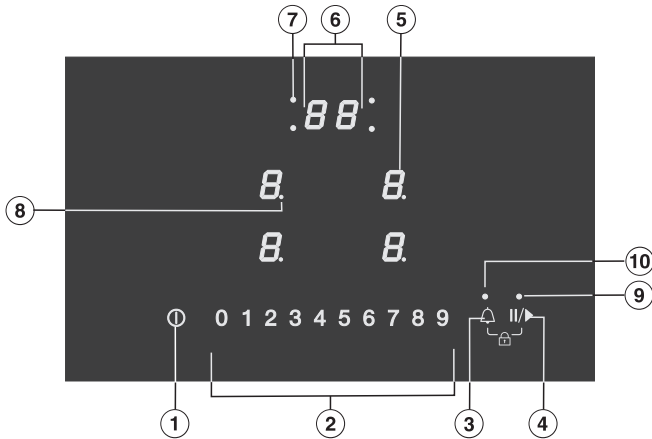
Your hob



- ① Cooking zone with TwinBooster
- ② Cooking zone with TwinBooster
- ③ Cooking zone with TwinBooster
- ④ Cooking zone with TwinBooster
- ⑤ Controls and indicators

Familiarisation

Controls and display



- ① Hob On/Off sensor control
- ② Numerical display sensor controls
 - To set the power level
 - To set the times
- ③ Timer sensor control
 - On/off
 - For switching between timer functions
 - For selecting a cooking zone
- ④ Stop&Go sensor control
 - To stop/start a cooking process in progress
- ⑤ Cooking zone selection and display sensor control
 - 0* Cooking zone is ready for operation
 - 1 to 9* Power level
 - ≡* Residual heat
 - R* Auto heat-up
 - ⌵* Cookware missing or unsuitable
 - ,* TwinBooster level 1
 - ''* TwinBooster level 2
 - h* Keeping warm

- ⑥ Timer display
 - 00* to *99* Duration in minutes
 - LL* System lock/safety lock is activated
 - dE* Demo mode is activated
- ⑦ Cooking zone allocation auto switch off indicator light
Auto switch off for the cooking zone is activated
- ⑧ Power level display – extended setting range
- ⑨ Stop&Go display
Stop&Go function is activated
- ⑩ Timer display

Familiarisation

Cooking zones

Cooking zone	Ø in cm ¹	Max. rating in watts for 220 V ²		Linked cooking zone ³
①	16–22	Normal TwinBooster, level 1 TwinBooster, level 2	2300 3000 3650	②
②	10–16	Normal TwinBooster, level 1 TwinBooster, level 2	1400 1700 2200	①
③	14–19	Normal TwinBooster, level 1 TwinBooster, level 2	1850 2500 3000	④
④	14–19	Normal TwinBooster, level 1 TwinBooster, level 2	1850 2500 3000	③
		Total	7100	

¹ Cookware with a base diameter within the given range may be used.

² The power given may vary depending on the size and material of the cookware used.

³ The cooking zone is linked to this cooking zone electrically so that the rating can be increased (see “Familiarisation – Power management”).

Power management

Total power

The hob has a maximum total permitted power consumption which cannot be exceeded for safety reasons. You can reduce the maximum total permitted power consumption (see “Adjusting settings”).

The higher the total permitted power consumption of the hob, the more power levels/functions can be used on all cooking zones at the same time.

If the set power levels/functions require more power than can be provided in accordance with the total permitted power consumption, the hob will distribute the maximum permitted power between the cooking zones.

Distribution of power

Cooking zones can be linked together in pairs on the hob. This allows power to be transferred from one cooking zone (A) to another (B). As a result, the power of cooking zone (A) is reduced.

Example: the Booster function for cooking zone (B) is activated.

Cooking zone (B) which requires additional power is determined by the most recent setting on the hob.

The values for the maximum total permitted power consumption and which cooking zones are linked together can be found in “Familiarisation – Cooking zone data”.

You can reduce the maximum total permitted power consumption (see “Adjusting settings”).

Effects of power distribution

If a cooking zone gives power to another zone, this can have the following effects on the zone giving the power:

- The power level is reduced.
- Auto heat-up is deactivated. Cooking continues at the set level. If the power is not sufficient, the power level will be reduced again.
- The Booster function is deactivated.
- The cooking zone is switched off.

When the cooking zone stops transferring power to the other zone, the power level can be increased again.

Tip: If you wish to cook a large quantity of food on one cooking zone, switch the other cooking zones to lower power levels.

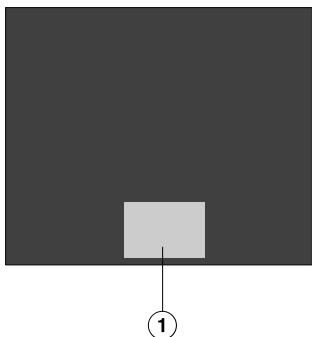
Familiarisation

Operating principles

Hob when switched off

When the hob is switched off, you can only see the printed symbols for the sensor controls and the numerical display. More sensor controls light up when the hob is switched on.

Operation



① Sensor controls and indicators

This ceramic glass hob is equipped with sensor controls which react to finger contact.

Each time a sensor control is activated, an audible signal sounds.

For safety reasons, in order to switch the appliance on, the On/Off ① sensor control needs to be touched for a little longer than the other sensors.

Selecting a cooking zone

If you want to configure settings for a cooking zone, the cooking zone must be selected first.

To select a cooking zone, touch the relevant cooking zone indicator. The relevant cooking zone indicator will begin to flash when touched.

While the cooking zone indicator is flashing, the cooking zone is selected and you can configure settings for the cooking zone.

Exception: if only one of the cooking zones is in operation, you can configure settings without selecting the cooking zone.

Functions

Permanent pan recognition

When you place cookware on a cooking zone, the numerical display for the cooking zone is activated automatically.

Pan and pan size recognition

The cookware and its size are detected within a cooking zone. The release of energy is adapted to the size of the pan.

Booster

When the Booster function is activated, the power is boosted so that large quantities can be heated up quickly, e.g. when boiling water for cooking pasta.

Stop&Go

When Stop&Go is activated, the power of all cooking zones in use is reduced to power level 1. When Stop&Go is deactivated, the cooking zones will operate at the power level previously selected.

Tip: Use this function when the control elements need to be cleaned quickly or there is a risk of boiling over.

Additional power levels

You can activate additional levels between the existing power levels. These intermediate levels allow you to adjust the power more precisely for the cookware.

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 power level (continued cooking setting) which you have previously selected.

Timer

The timer can be used for the following two functions:

- For setting the minute minder
- For automatically switching a cooking zone off

You can use the functions simultaneously.

Minute minder

You can set an alarm for activities that are independent of the hob.

Auto switch off

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

System lock

If the system lock is activated, then the hob cannot be switched on.

Safety lock

The safety lock is activated when the hob is switched on. When the lock is activated, the hob can be operated only under certain conditions.

Recall

If the hob is switched off by mistake during use, this function can be used to reset all settings. For this to work, the hob must be switched on again within 10 seconds of being switched off.

Familiarisation

Keeping warm

This function enables food to be kept warm after it has finished cooking.

The maximum duration for keeping food warm is 2 hours.

Programming

You can adapt the programming of the hob to your personal needs.

Demo mode

This function enables dealers to demonstrate the hob without it heating up.


Residual heat indicator

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

The bars of the residual heat indicator go out one after the other as the cooking zone cools down. The last bar only goes out when the cooking zone is safe to touch.

Safety switch-off

Sensor controls are covered

Your hob will switch off automatically if one or several of the sensor controls remain covered for longer than 10 seconds, for example, by finger contact, food boiling over or by an object. *F* will appear in the timer display for a few seconds. If the  sensor control is affected, *F* will light up until the object or soiling has been removed. *F* will switch off once you have removed the object or cleaned the hob and the hob will be ready to use again.

Excessive operating time

The safety switch-off mechanism is triggered automatically if a cooking zone is heated for an unusually long period of time. This time depends on the power level selected. If it has been exceeded, the cooking zone switches off and the residual heat indicator appears. If you switch the cooking zone off and on again, it is ready for operation again.

You can adjust the safety switch-off by changing the safety setting (see “Adjusting settings”).

Power level*	Maximum operating time [h:min]		
	Safety setting		
	0**	1	2
1	10:00	8:00	5:00
1.	10:00	7:00	4:00
2/2.	5:00	4:00	3:00
3/3.	5:00	3:30	2:00
4/4.	4:00	2:00	1:30
5/5.	4:00	1:30	1:00
6/6.	4:00	1:00	0:30
7/7.	4:00	0:42	0:24
8	4:00	0:30	0:20
8.	4:00	0:30	0:18
9	1:00	0:24	0:10

* The power levels with a dot after the number are only available if the power level range has been extended (see “Setting ranges”).

** Factory default setting

Familiarisation

Overheating protection

In order to prevent the hob from being damaged by excessive temperatures, the overheating protection mechanism intervenes in one of the following ways:

Overheating protection measures

- If the Booster function is switched on, it will stop.
- The set power level will be reduced.
- A cooking zone will switch off. *E_r* will flash alternately with *44* in the timer display.
- All cooking zones will switch off.

Triggering the overheating protection mechanism

The overheating protection may be activated under the following circumstances:

- The cookware being heated is empty.
- Fat or oil is being heated on a high power level.
- Insufficient ventilation to the underside of the hob.
- A hot cooking zone is switched back on after an interruption to the power supply.

Hob data

The model identifier, serial number and software version of the hob can be displayed.

Unpacking the hob

- Please stick the data plate for the appliance, supplied with this documentation, in the space provided in the “Customer Service Department” section of this booklet.
- Remove any protective foil and stickers.

Cleaning the hob for the first time

- Before using for the first time, clean the hob with a damp cloth.
- Wipe the hob dry.

Switching on the hob for the first time

The metal components have a protective coating. When the hob is used for the first time, this causes a smell and possibly also vapour. The heating of the induction coils also causes odours in the first few hours of operation. With each subsequent use, the odour is reduced until it disappears completely.

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

Operation

Safety notes for operation

 Risk of fire with overheated food.

Unattended food can overheat and catch alight.

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

 Risk of burning due to hot cooking zones.

The cooking zones will be hot after use.


Do not touch the cooking zones while the residual heat indicators are on.

 Risk of burning due to hot items.

When the hob is switched on either deliberately or by mistake, or when there is residual heat present, there is the risk of metal items placed on the hob heating up.

Do not use the hob as a resting place for anything.

After use, switch the hob off with the  sensor control.

 Placing hot cookware on the sensor controls and displays can damage the electronic module underneath.

The sensor controls do not respond.

They may be switched on or off unintentionally.

The hob will switch itself off (see “Familiarisation – Safety switch-off”).

Do not place hot cookware over the sensor controls or displays.

Switching the hob on

- Touch the ① sensor control.

Further sensor controls will light up.

If no further entry is made, the hob will switch itself off after a few seconds for safety reasons.

Switching off a cooking zone/ the hob

Switching the hob off

- To switch off the hob and all the cooking zones, touch the ① sensor control.

Switching off a cooking zone

- To switch off a cooking zone, touch the relevant cooking zone indicator.

The cooking zone indicator will begin to flash.

- Touch the 0 sensor control on the numerical display.

Positioning cookware

Refer to the cooking zone data for your hob model for information about cookware sizes and the corresponding positions (see “Familiarisation – Hob data”).

- Position the cookware as shown below:

Operation

Power level

Setting the power level

Permanent pan recognition is activated as standard (see “Adjusting settings”). When the hob is switched on and you place an item of cookware on a cooking zone, the cooking zone indicator starts to flash.

- Place the cookware on the cooking zone you want to use.

The cooking zone indicator will begin to flash.

- Touch the appropriate sensor control for the power level you want on the numerical display.

The power level selected will flash for a few seconds in the cooking zone indicator and then light up constantly.

Setting the power level – extended setting range

The extended setting range for the power levels is activated (see “Adjusting settings”).

- Press the numerical display between the sensor controls.

The power level selected will flash for a few seconds and then light up constantly. The intermediate setting will be represented by an illuminated dot next to the number.

Changing the power level

- Touch the relevant cooking zone indicator.

The cooking zone indicator will begin to flash.

- Touch the appropriate sensor control for the power level you want on the numerical display.

Booster

Activating the Booster

When the Booster function is activated, the settings for the linked cooking zone may be changed (see “Familiarisation – Power management”).

You can use the Booster function on any cooking zone.

The Booster function is active for a maximum of 15 minutes.

TwinBooster level 1

- Touch the sensor control for the cooking zone you wish to use.
- Touch the 9 sensor control on the numerical display twice.

, will appear in the cooking zone display.

TwinBooster level 2

- Touch the sensor control for the cooking zone you wish to use.
- Touch the 9 sensor control on the numerical display three times.

// will appear in the cooking zone display.

Deactivating the Booster

- Touch the sensor control for the cooking zone you wish to use.
- Set another power level.

When the Booster time has elapsed, the cooking zone will revert automatically to power level 9.

Activating/deactivating Stop&Go

The power levels and the timer settings cannot be altered; the hob can only be switched off. The minute minder, switch-off, Booster and heat-up times continue to run.

If the function is not deactivated within 1 hour, the hob will switch off.

- Touch the II/▶ sensor control.

Operation

Auto heat-up

The heat-up time depends on which continued cooking setting has been chosen:

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

* The continued cooking settings with a dot after the number are only available if the power level range has been extended (see “Adjusting settings”).

Activating auto heat-up

- Briefly touch the indicator for the required cooking zone.
- Touch the sensor control for the continued cooking setting you want until a tone sounds and *H* lights up in the cooking zone indicator.

The *H* symbol flashes alternately with the power level selected in the cooking zone indicator during the heat-up time (see chart).

Deactivating auto heat-up

- Briefly touch the indicator for the required cooking zone.
- Touch the continued cooking setting you have set until the *H* switches off.

or

- Set another power level.

Timer

Setting timer durations

A duration of between 1 min (01) and 99 min (99) can be set.

Durations are entered using the numerical display.

- Enter durations in the order of minutes in tens and then units.

Example:

59 minutes = entry: 5-9

80 minutes = entry: 8-0


After the first number has been entered, the timer display will light up constantly. After the second number has been entered, the first number will move to the left.

Setting the minute minder

- Touch the  sensor control.

The timer display flashes.

- Set the required duration (see “Timer – Setting timer durations”).


Touch the  sensor control or wait 10 seconds to start the minute minder.

Changing the minute minder duration

- Touch the  sensor control.


The timer display flashes.

- Set the required duration (see “Timer – Setting timer durations”).

Touch the  sensor control or wait 10 seconds to start the minute minder.

Deleting the minute minder duration

- Touch the  sensor control.


- Touch  on the numerical display.

Operation

Setting the switch-off time

A cooking zone will switch off when the maximum operating time has elapsed, independently of a set switch-off time (see “Familiarisation – Safety switch-off”).


A power level is set for the desired cooking zone.

- Touch the  sensor control repeatedly until the allocation indicator light for this cooking zone starts to flash.

If several cooking zones are being used, the indicator lights flash in a clockwise direction, starting with the front left zone.


The cooking zone allocation auto switch off indicator light for the requested cooking zone flashes.

- Set the required duration.

Touch the  sensor control or wait 10 seconds to start the switch-off time.


The indicator light for the cooking zone will light up constantly.

Changing the switch-off time

- Touch the  sensor control repeatedly until the indicator light for the cooking zone you require pulsates.


The timer display flashes.

- Set the required duration.

Touch the  sensor control or wait 10 seconds to start the switch-off time.

The indicator light for the cooking zone will light up constantly.

Deleting the switch-off time

- Touch the  sensor control repeatedly until the indicator light for the cooking zone you require pulsates.

The timer display flashes.


- Touch  on the numerical display.

Setting multiple switch-off times

- To set a switch-off time for another cooking zone, follow the steps described in “Operation – Setting the switch-off time”.

If more than one switch-off time is programmed, the shortest time left will be displayed, and the corresponding indicator light will pulsate. The other indicator lights will light up constantly.

Displaying switch-off times



- If you want to show the time left for another cooking zone which is counting down in the background, touch the  sensor control repeatedly until the indicator light for the zone you require flashes.

The **rounded up** time left is displayed for the required cooking zone.

Using both timer functions at the same time


Setting a minute minder in addition to switch-off times

One or more switch-off times have been set.

- Touch the  sensor control repeatedly until the indicator lights of the programmed cooking zones light up constantly and  starts flashing in the timer display.
- To set the time, follow the steps described in “Operation – Setting the minute minder”.

Setting switch-off times in addition to a minute minder


A minute minder has been set.

- Touch the  sensor control repeatedly until the indicator light for the cooking zone you require pulsates.
- To set the time, follow the steps described in “Operation – Setting the switch-off time”.

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

Showing the time left counting down in the background

Starting with the shortest duration, the display will show the time left for all active cooking zones and for the minute minder in a clockwise direction.

- Touch the  sensor control repeatedly until
 - The indicator light for the desired cooking zone pulsates (auto switch off).
 - The timer display pulsates (minute minder).

Operation

System lock

Activating the system lock

All sensor controls are locked. A set minute minder time will continue to count down.

- Touch the ① sensor control for 6 seconds.

The seconds can be seen counting down in the timer display. When this time has elapsed, *LL* will appear in the timer display. The system lock is activated.

If a disallowed sensor control is touched while the system lock is activated, *LL* will appear in the timer display for a few seconds and a buzzer will sound.

The system lock can be programmed to be activated automatically 5 minutes after the hob has been switched off (see “Adjusting settings”).

Deactivating the system lock

- Touch the ① sensor control for 6 seconds.



LL will appear briefly in the timer display and then the seconds will count down. The system lock is deactivated once the time has elapsed.

Safety lock

Activating the safety lock

When the safety lock is activated:



- The cooking zones and the hob can only be switched off.
- A set minute minder time can be modified.

- Touch and hold the  and  sensor controls at the same time for 6 seconds.

The seconds can be seen counting down in the timer display. When this time has elapsed, *LL* will appear in the timer display. The safety lock is activated.

If a disallowed sensor control is touched while the safety lock is activated, *LL* will appear in the timer display for a few seconds and a buzzer will sound.

Deactivating the safety lock

- Touch and hold the  and  sensor controls at the same time for 6 seconds.

LL will appear briefly in the timer display and then the seconds will count down. Once the time has elapsed, the safety lock function is deactivated.

Activating the Recall function

- Switch the hob on again.
- Immediately after switching the hob on, touch one of the flashing cooking zone sensor controls.

Keeping warm

Setting the Keeping warm setting

The Keeping warm function cannot be used to reheat food that has gone cold.

- Touch the sensor control for the cooking zone you wish to use.
- Press the numerical display between sensor controls 0 and 1.

h will appear in the cooking zone display.

Tips for keeping food warm

- Only use cookware (pots/pans) for keeping food warm. Cover the cookware with a lid.
- Stir firm or viscous food (mashed potatoes, stew) occasionally.
- Nutrients are lost when food is cooked, and continue to diminish when food is kept warm. The longer food is kept warm, the greater the loss of nutrients. Try to ensure that food is kept warm for as short a time as possible.

Hob data

Displaying the model identifier/serial number

There must not be any cookware on the hob.

- Switch the hob on.
- Press the 0 and 4 sensor controls on the numerical display at the same time for 6 seconds.

Numbers will appear in the timer display one after another, separated by a dash.

Example: *12 34* (model identifier KM 1234) – *1 23 45 67 89* (serial number)

Displaying the software version

There must not be any cookware on the hob.

- Switch the hob on.
- Press the 0 and 3 sensor controls on the numerical display at the same time for 6 seconds.

Numbers will flash on and off, one after the other, in the timer display:

Example: *12* flashing alternately with *3* = software version 123.

Operation

Activating/deactivating demo mode

- Switch the hob on.
- Press the 0 and 2 sensor controls on the numerical display at the same time for 6 seconds.

The following will flash in the timer display for a few seconds:

- dE alternating with $0n$ (demo mode activated)
- or
- dE alternating with $0F$ (demo mode deactivated)

Setting ranges for the power levels

The hob is programmed with 9 power levels at the factory. If you wish to fine-tune a setting, you can extend the power level range to 17 power levels (see “Adjusting settings”).

	Setting range	
	Factory setting (9 power levels)	Extended setting (17 power levels)
Melting butter Melting chocolate Dissolving gelatine	1–2	1–2.
Warming up small quantities of liquid Keeping warm food which sticks easily Cooking rice or porridge Defrosting vegetables frozen in a block	2–4	2–3.
Warming up liquid and semi-solid food Steaming fruit Simmering potatoes (cookware with lids)	4–6	3.–5.
Making omelettes or lightly fried eggs Gently frying meat patties Steaming fish and vegetables Cooking dumplings and dried pulses Defrosting and reheating frozen food Thickening sauces, e.g. Hollandaise Pancakes	5–7	4.–7.
Gently frying (without overheating the fat) fish, escalopes, sausages, fried eggs, etc.	6–8	6–7.
Cooking hash browns, pancakes, etc.	7–8	7–8.
Frying, e.g. chips	9	8.–9
Boiling large quantities of water Bringing to the boil Searing large quantities of meat	9–Booster	8.–Booster

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 cookware. For this reason, the power levels may need to be adjusted slightly to suit your cookware. As you use the hob, you will get to know which settings suit your cookware best. When using new cookware that you are not familiar with, set the power to one level below the one specified.

Good to know

How induction hobs work

An induction coil is located under each induction cooking zone. The coil creates a magnetic field that reacts directly with 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 piece of cookware with a magnetic base is placed on it (see “Good to know – Cookware”). The hob automatically recognises the size of the cookware.

Noises

When using induction cooking zones, the following noises can occur in the cookware, depending on what it is made of and how it has been constructed:

Buzzing on the higher power levels. This will decrease or cease altogether when the power level is reduced.

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

Whistling might occur if linked cooking zones (see “Operation – Booster”) are being used at the same time, and the cookware items also have bases made of layers of different materials (e.g. sandwiched base).

You might hear a clicking sound from the electronic switches, especially at lower power levels.

A whirring sound, when the cooling fan comes on. This switches on to protect the electronic module when the hob is being used intensively. The cooling fan may continue to run after the hob has been switched off.

Pans

Suitable cookware

- Stainless steel cookware with a magnetic base
- Enamelled steel cookware
- Cast iron

Please be aware that the properties of the cookware base can affect the evenness with which the food heats up (e.g. when making pancakes). The base of the pan must be able to distribute the heat evenly. Cookware with a base made from multilayer material (sandwich or encapsulated base) is ideal in this case.

Unsuitable pans.

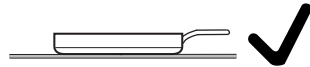
- stainless steel pans without a magnetic base
- aluminium or copper pans
- glass, ceramic or earthenware pots and pans

Testing pans

To test whether a pan is induction-compatible, hold a magnet to the base of the pan. If the magnet sticks, the pan is generally suitable.

Cookware tips

- Position the cookware as centrally as possible on the relevant cooking zone/cooking area.
 - To make optimum use of the cooking zones, choose cookware with a suitable base diameter (see “Familiarisation – Cooking zone data”). If a pan is too small, it will not be recognised.
 - Use only pots and pans with smooth bases. Rough bases can scratch the ceramic glass.
 - Always lift cookware to move it. This will help prevent scratching. If any scratches do appear as a result of cookware being pushed around, this will not affect the function of the hob. These scratches are normal signs of use and are not grounds for making a complaint.
- Please note that the cookware diameter quoted by manufacturers often refers to the maximum diameter or diameter of the top rim. The diameter of the base (generally smaller) is more important.



- Where possible, use cookware with vertically straight sides. If an item of cookware has angular sides, induction also acts on the sides of the item of cookware. The sides of the item of cookware may discolour or the coating may peel off.

Adjusting settings

Accessing programming mode

The hob is switched off.

- Press both the ① and II/▶ sensor controls until *PC* appears in the timer display and 2 cooking zone displays light up.

P (Programme) and *C* (Code) will appear in the timer display, along with 2 cooking zone displays.

The programme is shown in the left-hand cooking zone display, and the code in the right-hand cooking zone display.

Setting the programme

- First touch the **left-hand** cooking zone display and then touch the relevant number on the numerical display.

A dot will start to flash next to the number.

- Whilst the dot is flashing, press the relevant number(s) for the programme number on the numerical display.

Setting the code

- Whilst the code is visible in the display (e.g. *C:01*), touch the + sensor control repeatedly until the number of the code you want appears in the display.

Saving the settings

- Touch the ① sensor control until the displays go out.

Adjusting settings

Programme ¹		Code ²	Settings
1	Demo mode	0	Demo mode off
		1	Demo mode on ³
2	Power management ⁴	0	Off
		1	3680 W
		2	3000 W
		3	2000 W
		4	1000 W
3	Factory default settings	0	Do not restore factory default settings
		1	Restore factory default settings
4	Power level setting range	0	9 power levels + Booster
		1	17 power levels + Booster ⁵
6	Audible tone when a sensor control is touched	0	Off ⁶
		1	Quiet
		2	Medium
		3	Loud
7	Timer buzzer	0	Off
		1	Quiet
		2	Medium
		3	Loud
8	System lock	0	System lock can only be activated manually
		1	System lock activated automatically
9	Maximum operating time	0	Safety setting 0
		1	Safety setting 1
		2	Safety setting 2
12	Sensor controls reaction speed	0	Slow
		1	Normal
		2	Fast

Adjusting settings

Programme ¹		Code ²	Settings
15	Permanent pan recognition	0	Permanent pan recognition off
		1	Permanent pan recognition on

¹ Programmes not shown here have no allocation.

² The factory default setting is shown in bold.

³ After the hob has been switched on, *dE* appears in the timer display for a few seconds.

⁴ The total output of the hob may be reduced in order to meet the local network provider's requirements.

⁵ In the text and tables, the extended power levels are shown with a dot after the number.

⁶ The confirmation tone of the On/Off sensor control cannot be switched off.

Safety notes on cleaning and care

 Risk of burns due to hot surfaces.

All parts of the hob may be hot after use.

Switch the hob off.

Allow the hob to cool down before cleaning it.

All surfaces could be discoloured or damaged if unsuitable cleaning agents are used or if residues from suitable cleaning agents are heated on the hob. All surfaces are susceptible to scratching.

Allow the surfaces to cool down before cleaning the hob.

Remove all cleaning agent residues immediately.

Never use abrasive sponges or cleaning agents.

- ▶ Do not use a steam cleaner to clean the hob.
- ▶ Do not use pointed objects for cleaning.

Cleaning and care

When to clean

- Clean the hob after every use.

Removing light soiling

- Clean the entire ceramic surface of the hob with a damp, soft cloth and a solution of water and a little washing-up liquid. Please follow the cleaning agent manufacturer's instructions.

Removing stubborn soiling

- Remove any coarse soiling with a damp cloth and more stubborn soiling with a scraper suitable for use on glass.
- Clean the glass ceramic surface with the Miele ceramic and stainless steel cleaner (see "Optional accessories – Cleaning and care products") or with a proprietary ceramic glass cleaner. Please follow the cleaning agent manufacturer's instructions.

Finishing the cleaning process

- Remove all cleaning agent residues with a damp cleaning cloth.
- Dry the ceramic surface of the hob after cleaning.

Unsuitable cleaning agents

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

- Cleaning agents containing soda, alkalines, ammonia, acids or chlorides
- Stain and rust removers
- Abrasive cleaning agents, e.g. powder cleaners and cream cleaners
- Cleaning agents containing solvents
- Dishwasher cleaning agents
- Grill and oven sprays
- Hard, abrasive brushes
- Eraser stain remover blocks
- Sponges

Messages in the display

Problem	Cause and remedy
<p>The \mathcal{L} symbol lights up or flashes alternately with the set power level or \mathcal{R} in one of the cooking zone indicators.</p>	<p>No cookware is present on the cooking zone. Unsuitable cookware is present on the cooking zone. The diameter of the base of the cookware is too small Suitable cookware has been removed from the cooking zone. If no cookware or unsuitable cookware is placed on the cooking zone, the cooking zone will switch off automatically after 3 minutes.</p> <ul style="list-style-type: none"> ■ Place a suitable item of cookware on the cooking zone within 3 minutes. <p>\mathcal{L} will go out. The cooking process starts/continues with the previously selected settings.</p> <ul style="list-style-type: none"> ■ If you are using a different item of cookware and/or food, modify the settings.
<p>After the hob has been switched on, $\mathcal{L}\mathcal{L}$ appears in the timer display for a few seconds.</p>	<p>The system lock is activated.</p> <ul style="list-style-type: none"> ■ Deactivate the system lock (see “Operation – Deactivating the system lock”). <p>The safety lock is activated.</p> <ul style="list-style-type: none"> ■ Deactivate the safety lock (see “Operation – Deactivating the safety lock”).
<p>After the hob has been switched on, $\mathcal{d}\mathcal{E}$ appears briefly in the timer display. The cooking zones do not heat up.</p>	<p>The hob is in demo mode.</p> <ul style="list-style-type: none"> ■ Touch the 0 and 2 sensor controls at the same time until $\mathcal{d}\mathcal{E}$ flashes alternately with $\mathcal{D}\mathcal{F}$ in the timer display.
<p>\mathcal{F} flashes in the timer display and the hob switches off automatically.</p>	<p>One or more of the sensor controls are covered, e.g. by finger contact, food boiling over or an object.</p> <ul style="list-style-type: none"> ■ Clean off any soiling and/or remove the object (see “Familiarisation – Safety switch-off”).
<p>$\mathcal{E}\mathcal{r}$ will flash alternately with $\mathcal{4}\mathcal{4}$ in the timer display.</p>	<p>The overheating protection mechanism has been activated.</p> <ul style="list-style-type: none"> ■ Allow the hob to cool down. ■ Rectify the causes of the overheating (see “Familiarisation – Overheating protection”). ■ Check that the hob is working. ■ If this fault message continues to appear in the display, contact the Customer Service Department.

Troubleshooting

Problem	Cause and remedy
<i>E_r</i> will flash alternately with 47, 48 or 49 in the timer display.	The fan is blocked or defective. <ul style="list-style-type: none">■ Make sure it has not been blocked by an object.■ Remove the obstruction.■ If this fault message continues to appear in the display, contact the Customer Service Department.
A message not listed in this table is appearing in the timer display.	There is an electronic module fault. <ul style="list-style-type: none">■ Disconnect the power supply to the hob for approx. 1 minute.■ If the problem persists after the power supply has been restored, please contact the Customer Service Department.

Unexpected behaviour

Problem	Cause and remedy
<p>Power level 9 is automatically reduced if you also set power level 9 for the connected cooking zone.</p>	<p>Operating both zones at power level 9 exceeds the permitted maximum power for the two zones.</p> <ul style="list-style-type: none"> ■ Use a different cooking zone.
<p>A cooking zone switches off automatically.</p>	<p>It has been operated for too long.</p> <ul style="list-style-type: none"> ■ Switch the cooking zone back on (see “Familiarisation – Safety switch-off”).
<p>The cooking zone is not working in the usual way with the set power level.</p>	<p>The overheating protection mechanism has been activated.</p> <ul style="list-style-type: none"> ■ Allow the hob to cool down. ■ Rectify the causes of the overheating (see “Familiarisation – Overheating protection”). ■ Check that the hob is working. ■ If the problem occurs again, contact the Customer Service Department.
<p>A cooking zone or the whole hob switches off automatically.</p>	<p>The overheating protection mechanism has been activated.</p> <ul style="list-style-type: none"> ■ Allow the hob to cool down. ■ Rectify the causes of the overheating (see “Familiarisation – Overheating protection”). ■ Check that the hob is working. ■ If the problem occurs again, contact the Customer Service Department.
<p>The Booster level has deactivated early automatically.</p>	<p>The overheating protection mechanism has been activated.</p> <ul style="list-style-type: none"> ■ Allow the hob to cool down. ■ Rectify the causes of the overheating (see “Familiarisation – Overheating protection”). ■ Check that the hob is working. ■ If the problem occurs again, contact the Customer Service Department.

Troubleshooting

Unsatisfactory results

Problem	Cause and remedy
The food in the pan does not heat up when the Auto heat-up function is switched on.	A large amount of food is being heated up. <ul style="list-style-type: none"> ■ Start cooking at the highest power level and then turn down to a lower one manually later on.
	The pan is not conducting heat properly. <ul style="list-style-type: none"> ■ Use a different pot or pan which conducts heat properly.

General problems or technical faults

Problem	Cause and remedy
The hob or cooking zones will not switch on.	There is no power to the hob. <ul style="list-style-type: none"> ■ Check whether the circuit breaker has tripped. Contact a qualified electrician or the Miele Customer Service Department (for the minimum fuse rating, see data plate).
	There may be a technical fault. <ul style="list-style-type: none"> ■ Disconnect the hob from the electricity supply for approx. 1 minute. To do this: <ul style="list-style-type: none"> – tripping the relevant mains fuse or screwing the fine-wire fuse out completely, or – switching off at the residual current device. ■ If the hob will still not turn on after resetting the trip switch in the fuse box or the residual current device, contact a qualified electrician or the Miele Customer Service Department.
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. With each subsequent use, the odour is reduced until it disappears completely. The smell and any vapours given off do not indicate a faulty connection or appliance and they are not hazardous to health.
An operating noise can be heard after the appliance has been switched off.	The cooling fan runs until the hob has cooled down and then switches off automatically.

Information to help you rectify faults yourself and about Miele spare parts can be found at www.miele.com/service.

Contact in the event of a fault

In the event of a fault which you cannot remedy yourself, please contact your Miele dealer or Miele Customer Service.

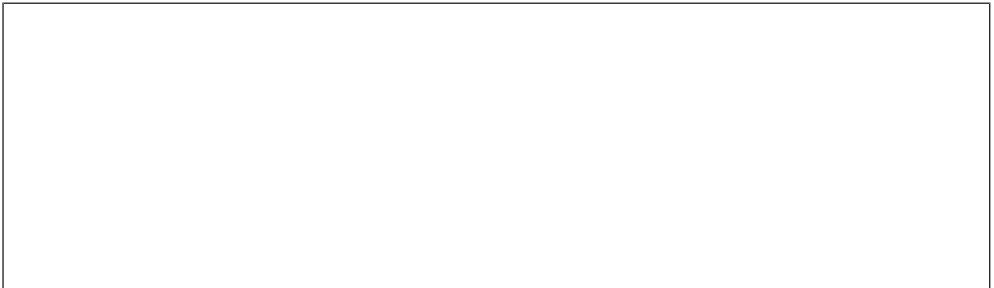
You can book a Miele Customer Service call-out online at www.miele.com/service.

Contact information for Miele Customer Service can be found at the end of this document.

Please quote the model identifier and serial number of your appliance (SN) when contacting Miele Customer Service. These can be found on the data plate or see "Operation – Hob data".

Data plate

Stick the extra data plate supplied with the appliance here. Make sure that the model number matches the one specified on the back cover of this document.



Guarantee

For information on the appliance guarantee specific to your country please contact Miele. See end of this booklet for contact details.

After sales service

Test food acc. to EN 60350-2

9 power levels are programmed at the factory.

For testing in accordance with the above standard, programme the hob to the extended power level setting (see “Adjusting settings”).

Test food	Ø Pan base (mm)	Lid	Power level	
			Pre-heat	Cook
Heating oil up	150	No	–	1–2
Pancakes	180 (Sandwich base)	No	9	5.–7.
Frying deep frozen chips	According to the standard	No	9	9

Cookware

Miele offers a wide range of cookware. These have all been optimised for Miele appliances in terms of functionality and dimensions. Detailed information is provided on the Miele website.

Cleaning and care products

Ceramic and stainless steel hob cleaner 250 ml


Removes heavy soiling, limescale deposits and aluminium residues.


Microfibre cloth


For removing finger marks and light soiling.

Installation

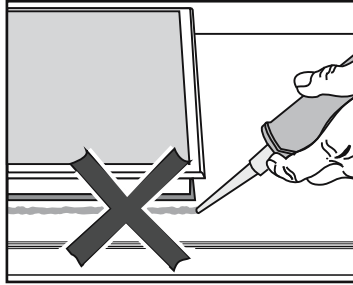
Safety notes for installation

 Risk of damage from incorrect installation.
Incorrect installation can cause damage to the hob.
The hob must only be installed by a qualified specialist.

 Risk of electric shock from mains voltage.
Incorrect connection to the mains supply may result in an electric shock.
The hob must be connected to the electrical supply by a qualified electrician only.

 Damage from falling objects.
Take care not to damage the hob when fitting wall units or a cooker hood above it.
Fit the wall units and the cooker hood before the hob.

Dismantling the hob for service purposes may damage the sealing strip underneath the edge of the hob.
Always replace the sealing strip before reinstalling.

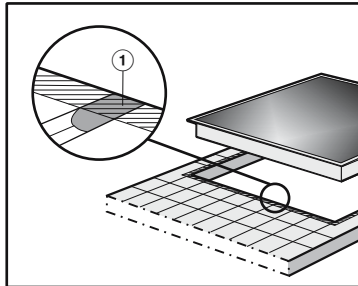


⚠ Damage caused by incorrect installation.

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

Do not use sealant between the hob and the worktop.

The sealing strip under the edge of the hob provides a sufficient seal for the worktop.



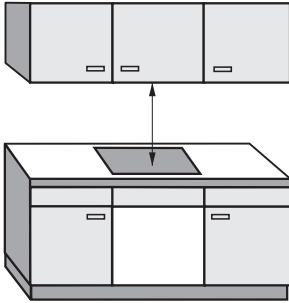
- ▶ Grout lines ① and the hatched area underneath the hob frame must be smooth and even. If they are not, the hob will not sit flush with the worktop and the sealing strip underneath the hob will not provide a good seal between the hob and the worktop.
- ▶ The hob must not be installed over a fridge, fridge-freezer, freezer, dishwasher, washing machine, washer-dryer or tumble dryer.
- ▶ This hob may only be installed above a cooker or oven if they 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.

Installation

- ▶ The electrical 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.
- ▶ 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 backmoulds must be of heat-resistant material.
- ▶ Remember to maintain the minimum safety distances (see “Installation – Safety distances”).

Safety distances

Safety distance above the hob



The following must be ensured between the hob and the cooker hood above it:

- The safety distance specified by the manufacturer of the cooker hood must be maintained.
- When two or more appliances which have different safety distances are installed together below a cooker hood, the greatest specified safety distance must be maintained.

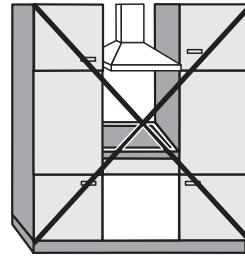
If combustible objects are installed above the hob (e.g. cabinets, utensil rail, etc.), a minimum safety distance of 500 mm must be maintained.

Installation

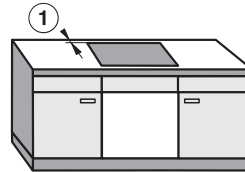
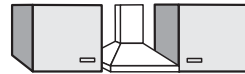
Safety distance behind and to the side of the hob

The minimum safety distances shown below must be maintained between the appliance and a tall unit or wall:

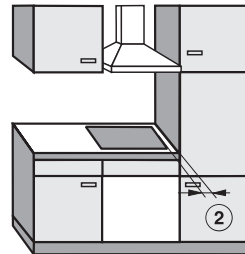
- Between the **back** ① of the worktop cut-out and the rear edge of the worktop:
50 mm
and
- On the **right side** ② between the worktop cut-out and the closest adjacent piece of furniture (e.g. tall unit) or a room wall:
50 mm and on the opposite side a minimum safety distance of 200 mm
or
- On the **left side** ③ between the worktop cut-out and the closest adjacent piece of furniture (e.g. tall unit) or a room wall:
50 mm and on the opposite side a minimum safety distance of 200 mm



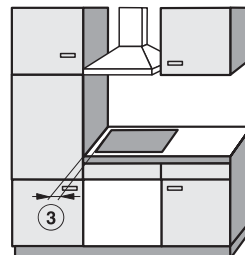
Not permitted



Highly recommended



Not recommended



Not recommended

Safety distance underneath the hob

To install the hob while maintaining the safety distances, you can choose from 3 variants:

1. Without intermediate shelf or base panel
2. With intermediate shelf
3. With an air intake-optimised base panel

Further instructions are described in the relevant section.

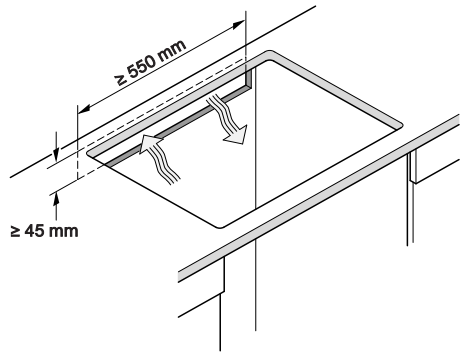
An air intake-optimised base panel and an intermediate shelf cannot be combined.

If they are combined, more warm air is drawn in. The hob is not adequately cooled.

Rear wall cut-out

For ventilation and **accommodating the mains connection cable**, you will need to create a cut-out in the rear wall.

Create a cut-out in the rear wall using the following instructions:



Installation

1. Without intermediate shelf or base panel

To ensure sufficient ventilation to the hob, a minimum safety distance must be left between the underside of the hob and any drawer or oven.

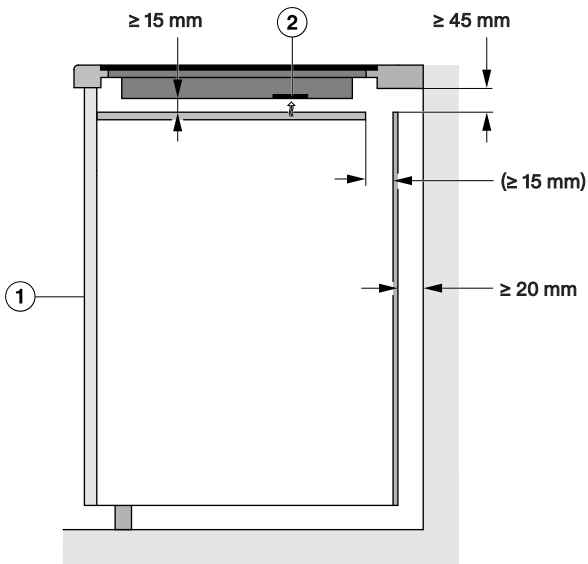
The minimum safety distance between the underside¹ of the hob and:

- Upper edge of drawer: ≥ 5 mm
- Base of drawer: ≥ 75 mm
- Upper edge of oven: ≥ 15 mm

¹ The underside is the outside of the hob casing. Other items that are attached lower down, such as connection boxes and shims, do not count as the lowest point and are not relevant when calculating the minimum safety distance.

2. Intermediate shelf

The dimensions in brackets are recommendations.



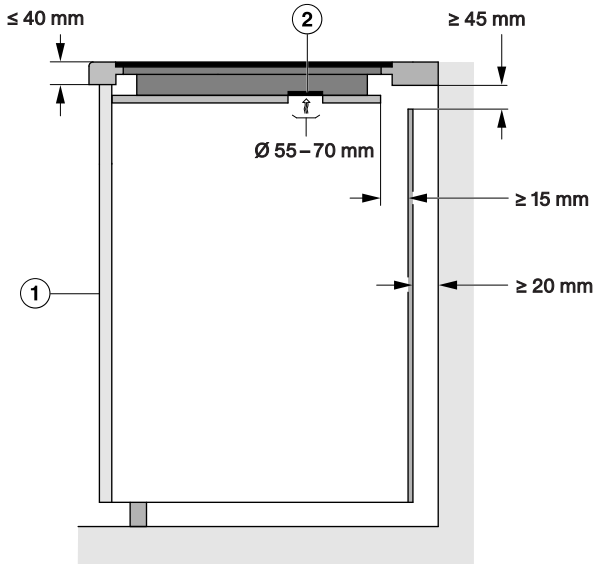
Side view

- ① Front
- ② Fan

3. Air intake-optimised base panel

The performance of the hob depends on the ventilation.

The air intake-optimised base panel has openings where the fans are positioned. This section contains instructions for creating an air intake-optimised base panel.



Side view

- ① Front
- ② Fan

To ensure sufficient ventilation to the hob, a minimum safety distance must be left between the underside of the air intake-optimised base panel and any drawer.

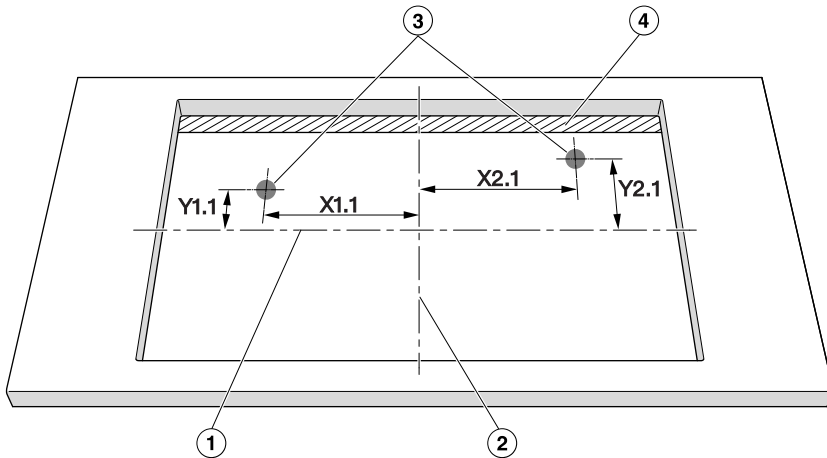
Minimum safety distance between the **underside of the air intake-optimised base panel** to the:

- Upper edge of drawer: ≥ 5 mm
- Base of drawer: ≥ 75 mm
- Upper edge of intermediate shelf: not permitted

There must be no gap between the air intake-optimised base panel and the hob. A gap causes more warm air to be drawn in. The hob is not adequately cooled.

Installation

Positions and cut-outs of the ventilation openings



Not to scale. View from above. Surface-mounted cut-out shown. Also applies to flush-fit installation.

- ① Middle of the cut-out height
- ② Middle of the cut-out width
- ③ Cut-out for fan, round (\varnothing 55–70 mm)
- ④ Gap (\geq 15 mm)

X1.1	Y1.1	X2.1	Y2.1
Distance from the middle of the cut-out in mm			
174	93	157	78

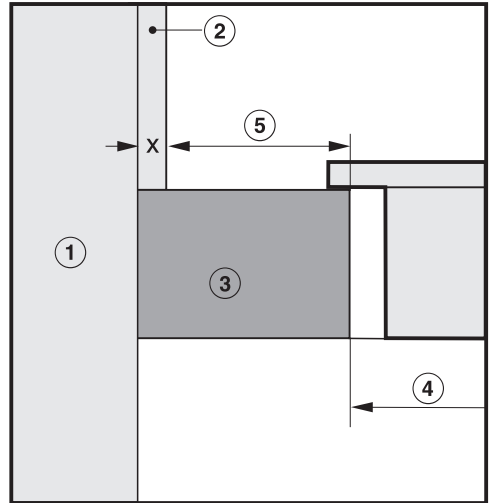
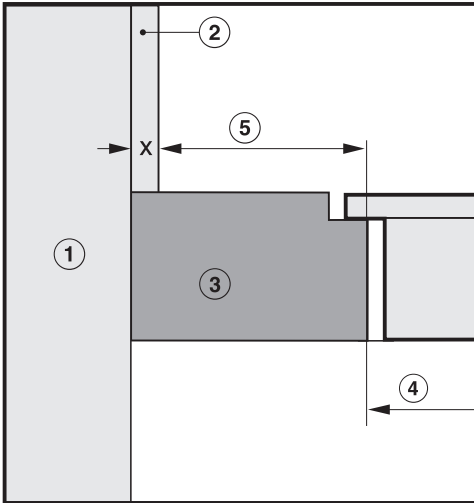
Position the hob so that the fans are above the cut-outs.
 If the fans are not positioned above the cut-outs, the air flow may be obstructed.
 The hob is not adequately cooled.

Safety distance from the niche cladding

If niche cladding is installed, a minimum safety distance must be maintained between the worktop cut-out and the cladding. High temperatures can alter or damage these materials.

Flush-fit installation

Surface-mounted installation

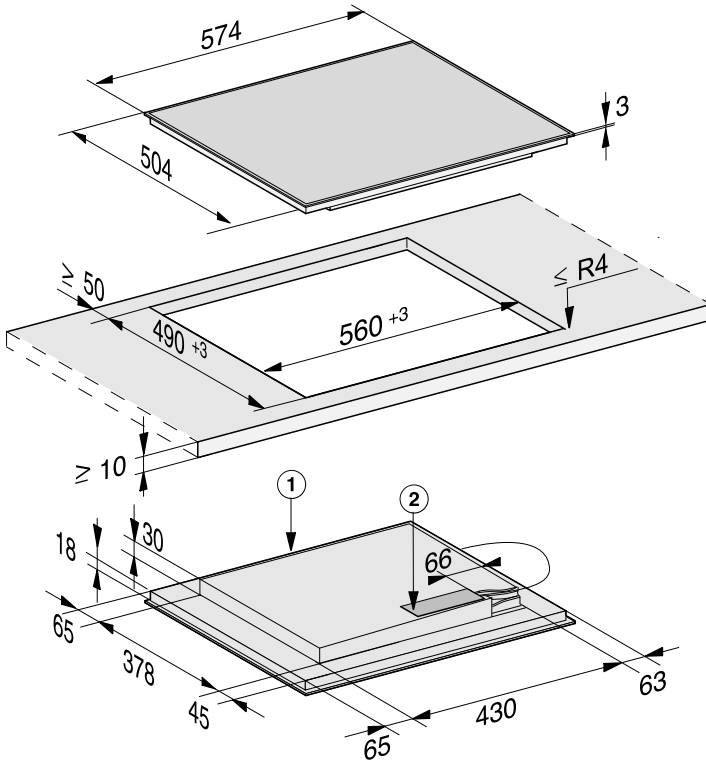


- ① Masonry
- ② Dimension x = thickness of the niche cladding material
- ③ Worktop
- ④ Worktop cut-out
- ⑤ Minimum safety distance to
 - combustible** materials (e.g. wood) 50 mm
 - non-combustible** materials (e.g. metal, natural stone, ceramic tiles) 50 mm – dimension x

Example: 15 mm thick non-combustible niche cladding
50 mm – 15 mm = minimum safety distance of 35 mm

Installation

Installation dimensions



All dimensions are given in mm.

① Front

② Mains connection box

The mains connection cable (L = 1,440 mm) is supplied loose

Installing the hob


Preparing the worktop for installation

- Create the worktop cut-out.
Remember to maintain the minimum safety distances (see “Installation – Safety distances”).
- Wooden worktops:
Seal any cut surfaces with a special varnish, silicone sealant or resin to prevent the wood from swelling as a result of moisture ingress. The sealant must be heat-resistant.

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

Installing the hob

- Attach the sealing strip provided underneath the edge of the hob. Do not apply the sealing strip under tension.

 Risk of damage from incorrect connection.


The hob electronic module may be damaged if a short circuit occurs.
The mains connection cable must be connected to the hob by a qualified electrician.

- Connect the mains connection cable to the hob by following the instructions in the wiring diagram (see “Installation – Electrical connection”).
- Feed the mains connection cable for the hob down through the worktop cut-out.

- Place the hob centrally in the cut-out. When doing this, make sure that the sealing strip of the appliance sits flush with the worktop on all sides. This is important to ensure an effective seal all round.
- If the sealing strip does not sit flush with the worktop in the corners, the corner radius ($\leq R4$) can be carefully cut to fit using a jigsaw.
- If an air intake-optimised base panel is installed, position the hob so that the fans are located above the cut-outs.
- Connect the hob to the electricity supply (see “Installation – Electrical connection”).
- Check that the hob is working.

Installation

Electrical connection

 Risk of damage from incorrect connection.

Unauthorised installation, maintenance and repairs can cause considerable danger for the user. Miele cannot be held liable for damage or injury caused by unauthorised installation, maintenance or repair work, or by an inadequate or faulty on-site earthing system (e.g. electric shock).

This hob must be connected to the electrical supply by a qualified electrician.

The electrician must be familiar with and comply with the national regulations and any additional regulations of the local electricity provider.

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

Total power rating

See data plate

Connection data

The connection data is quoted on the data plate. Please ensure these match the household mains supply.

Please see wiring diagrams 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.

Disconnecting devices

It must be possible to disconnect the hob from the mains at all poles using disconnecting devices. A contact distance of at least 3 mm must be observed in the switched-off state. The disconnecting devices are overcurrent protection devices and residual current protection devices.

Disconnecting from the mains



Risk of electric shock.

There is a risk of electric shock if the appliance is connected to the mains supply during repair or service work.

After disconnection, ensure the appliance cannot be switched back on by mistake.

To disconnect the appliance from the mains power supply, do one of the following depending on installation:

Safety fuses

- Completely remove fuses.

Automatic circuit breakers

- Press the (red) test button until the middle (black) button springs out.

Built-in circuit breakers

- Circuit breakers at least type B or C:
Switch the lever from 1 (on) to 0 (off).

Residual current device (RCD)

- Switch the main switch from 1 (on) to 0 (off) or press the test button.

Mains connection cable

The hob 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 wiring diagrams for connection. (N.B. This appliance is supplied single phase only in the UK / AUS / NZ).

See the data plate on the hob for the correct voltage and rated load.

Replacing the mains connection cable



Risk of electric shock.

Incorrect connection to the power supply may result in an electric shock.

The mains cable must only be replaced by a qualified electrician.

When replacing the mains cable only use cable type H 05 VV-F (PVC insulated) with a suitable cross section. A suitable connection cable is available to order from Miele.

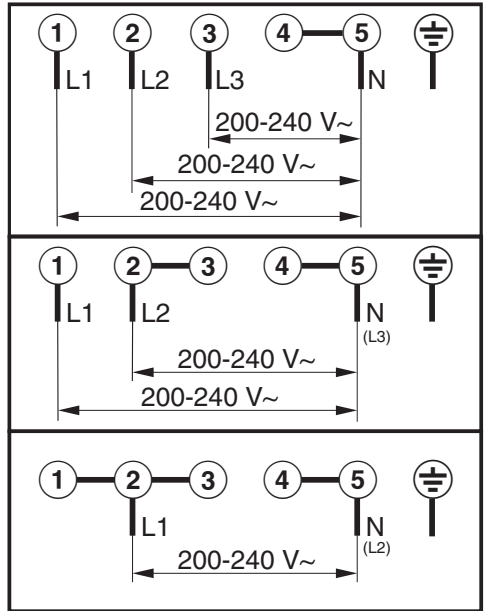
Installation

Wiring diagram

Some connection methods are not permitted in all installation locations. Ensure compliance with national regulations and any additional regulations issued by the local electricity provider.

The maximum load per connected live conductor is 3650 W.

The first and second live conductors are required for connecting the hob. Further appliances can be connected to the third live conductor.



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