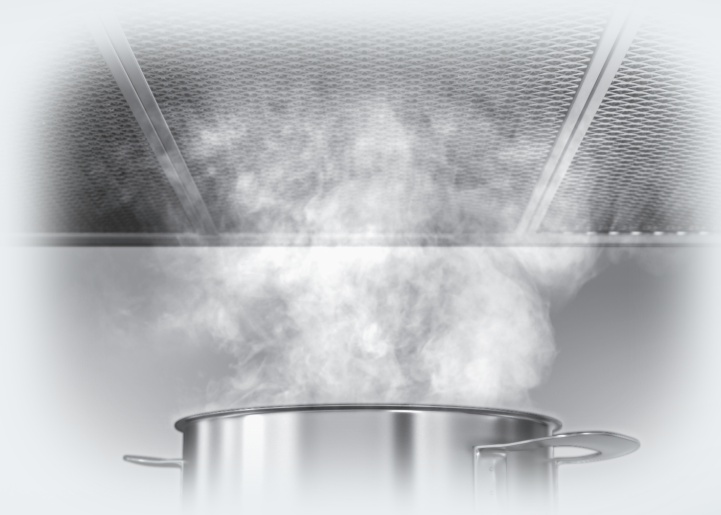


Operating and installation instructions

Rangehood



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

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Warning and Safety instructions

This appliance complies with all relevant local and national safety requirements. Inappropriate use can, however, lead to personal injury and damage to property.

To avoid the risk of accidents and damage to the appliance, please read these instructions carefully before using it for the first time. They contain important notes on the safety, installation, use and maintenance of the appliance. Miele cannot be held liable for non-compliance with these instructions.

Keep these instructions in a safe place and ensure that all users are familiar with the contents. Pass them on to any future owner of the appliance.

Correct application

- ▶ This rangehood is designed for domestic use and for use in similar environments by guests in hotel or motel rooms, bed & breakfasts and other typical living quarters. This does not include common/shared facilities or commercial facilities within hotels, motels or bed & breakfasts.
- ▶ The appliance is not suitable for outdoor use.
- ▶ It must only be used to extract vapours and remove odours from cooking.
Any other usage is at the owner's risk. Miele cannot be held liable for damage resulting from incorrect or improper use or operation.
- ▶ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning its use by a person responsible for their safety, and are able to recognise the dangers of misuse.

Safety with children

- ▶ Young children must not be allowed to use this appliance.
- ▶ Older children may only use the appliance when its operation has been clearly explained to them and they are able to use it safely, recognising the dangers of misuse.
- ▶ Cleaning work may only be carried out by older children under the supervision of an adult.
- ▶ Children should be supervised near the appliance. Ensure that they do not play with the appliance.
- ▶ Danger of suffocation! Children may be able to wrap themselves in packing material or pull it over their heads with the risk of suffocation. Keep children away from any packing material.

Warning and Safety instructions

Technical safety

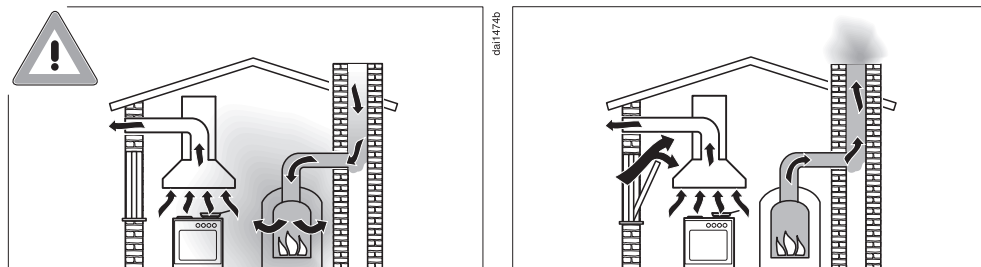
- ▶ Repairs and other work by unqualified persons could be dangerous. Installation, maintenance work and repairs to electrical appliances must only be carried out by a Miele approved service technician.
- ▶ A damaged appliance can be dangerous. Check it for visible signs of damage. Do not use a damaged appliance.
- ▶ The electrical safety of this appliance can only be guaranteed when continuity is complete between it and an effective earthing system. It is most important that this basic safety requirement is present and tested regularly and, where there is any doubt, the household wiring system should be inspected by a qualified electrician.
- ▶ Reliable and safe operation of this rangehood can only be assured if it has been connected to the mains electricity supply.
- ▶ Before connecting the appliance to the mains supply, ensure that the connection data on the data plate (voltage and frequency) matches the mains electricity supply. This data must correspond in order to avoid the risk of damage to the appliance. Consult a qualified electrician if in any doubt.
- ▶ Do not connect the appliance to the mains electricity supply by a multi-socket unit or an extension lead. Extension leads are a fire hazard and do not guarantee the required safety of the appliance.
- ▶ For appliances with an external motor fitted (...EXT models) the connection of the two units must be made using the control cable and the plug connectors.
These models may only be combined with a Miele external motor.

Warning and Safety instructions

- ▶ For safety reasons, this appliance may only be used after it has been built in.
- ▶ This rangehood must not be installed and operated in mobile installations (e.g. on a ship).
- ▶ Tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operational faults.
Only open the housing as described in the instructions given in the installation sheet and in the Cleaning and care section of this booklet. Under no circumstances should any other parts of the housing be opened.
- ▶ Faulty components must only be replaced by genuine Miele spare parts. The manufacturer can only guarantee the safety of the appliance when Miele replacement parts are used.
- ▶ If the mains connection cable is damaged, it must only be replaced by a Miele authorised service technician in order to avoid a hazard.
- ▶ During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply. It is only completely isolated from the electricity supply when:
 - the mains circuit breaker is switched off, or
 - it is switched off at the wall socket and the plug is withdrawn from the socket. Do not pull the mains connection cable but the mains plug to disconnect your appliance from the mains electricity supply.

Warning and Safety instructions

Using at the same time as other heating appliances that depend on the air from the room



Warning - danger of toxic fumes

Great care should be taken when using the rangehood at the same time and in the same room or area of the house as another heating appliance which depends on the air in the room.

Such appliances include gas, oil, wood or coal-fired boilers and heaters, continuous flow or other water heaters, gas cooktops, or ovens which draw air in from the room and duct exhaust gases out through a chimney or extraction ducting.

When used in extraction mode, with or without an external motor fitted, or in recirculation mode with a recirculation box installed outside the room, the appliance draws air in from the room in which it is installed and from neighbouring rooms.

If there is insufficient air, an underpressure will occur. The heating appliance will be starved of oxygen, impairing combustion. Harmful gases could be drawn out of the chimney or extraction ducting back into the room, with potentially fatal consequences.

Warning and Safety instructions

In order to ensure safe operation, and to prevent gases given off by the heating appliances from being drawn back into the room when the rangehood and the heater are in operation simultaneously, an underpressure in the room of 0.04 mbar (4 pa) is the maximum permissible.

Ventilation can be maintained by air inlets which cannot be blocked, in windows, doors or outside wall vents, or by other technical measures, such as ensuring that the rangehood can only be switched on when the heating appliance is switched off or vice versa. A ventilation brick alone is not generally sufficient to ensure safe ventilation.

The overall ventilation condition of the dwelling must be taken into account. If in any doubt, the advice of a competent builder, or for gas a qualified gas fitter (registered with an official gas safety body in accordance with national safety regulations), must be sought.

If the rangehood is used in recirculation mode, where the air is directed back into the room in which it is located, operating a heating appliance which depends on the room air at the same time is not hazardous.

Warning and Safety instructions

Correct use

- ▶ Never use an open flame beneath the rangehood. To avoid the danger of fire, do not flambé or grill over an open flame. When switched on, the rangehood could draw flames into the filter. Fat deposits could ignite, presenting a fire hazard.
- ▶ The rangehood can become damaged when exposed to excessive heat.
 - When using the rangehood over a gas cooktop, ensure that any burners in use are always covered by a pan. Switch the cooking zone off when a pan is removed, even for a short time.
 - Select a pan which is suitable for the size of the burner.
 - Regulate the flame so that it does not burn up the sides of the pan.
 - Avoid overheating the pan (e.g. when cooking with a wok).
- ▶ Always switch the rangehood on when a cooking zone is in use, otherwise condensation may collect in the rangehood, which could cause corrosion.
- ▶ When cooking with oil or fat, chip pans and deep fat fryers etc., do not leave the pans unattended. Never leave an open grill unattended when grilling. Overheated oil and fat can ignite and could set the rangehood on fire.

Warning and Safety instructions

- ▶ Do not use the rangehood without the filters in place. This way you will avoid the risk of grease and dirt getting into the appliance and hindering its smooth operation.
- ▶ The rangehood can get very hot during cooking due to heat rising from the cooktop.
Do not touch the housing or the grease filters until the rangehood has cooled down.

Correct installation

- ▶ Refer to the cooktop manufacturer's instructions as to whether a rangehood may be operated above the cooktop.
- ▶ Safety regulations prohibit the fitting of a rangehood over solid fuel stoves.
- ▶ Insufficient distance between the cooktop and the rangehood can result in damage to the rangehood.
The minimum safety distances between the top of the cooktop and the bottom of the rangehood given in the "Installation" section must be maintained, unless the cooktop manufacturer states that a greater distance is required.
If more than one cooking appliance is fitted beneath the rangehood, and they have different minimum safety distances to the rangehood, select the greater distance.
- ▶ The distances given in "Installation" must be observed when fitting the rangehood.

Warning and Safety instructions

- ▶ All ducting, pipework and fittings must be of non-flammable material. These can be obtained from builders' merchants.
- ▶ The appliance must not be connected to a chimney or vent flue which is in use. Neither should it be connected to ducting which ventilates rooms with fireplaces.
- ▶ If exhaust air is to be extracted into a chimney or ventilation duct no longer used for other purposes, seek professional advice.

Cleaning and care

- ▶ There is a risk of fire if the rangehood is not cleaned as described in these operating instructions.
- ▶ Do not use a steam cleaning appliance to clean this appliance. The steam could reach electrical components and cause a short circuit.
- ▶ In areas which may be subject to infestation by cockroaches or other vermin, pay particular attention to keeping the machine and its surroundings in a clean condition at all times. Any damage which may be caused by cockroaches or other vermin will not be covered by the machine warranty.

Accessories

- ▶ Use only genuine original Miele spare parts. If spare parts or accessories from other manufacturers are used, the warranty will be invalidated, and Miele cannot accept liability.

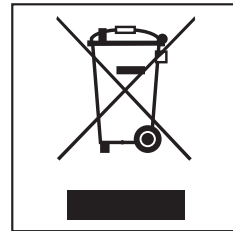
Disposal of the packing material

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

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

Disposing of your old appliance

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



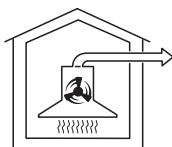
Please dispose of it at your local community waste collection / recycling centre.

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

Description of the functions

Depending on the model of the rangehood, the following options are available:

Air extraction mode



da10494a

The air is drawn in and cleaned by the grease filters and directed outside.

Non-return flap

The non-return flap is designed to prevent the exchange of room and outside air taking place.

The flap is closed when the rangehood is switched off.

When the rangehood is switched on, the non-return flap opens for the cooking vapours to be blown directly outside.

If the on-site ventilation system does not have a non-return flap, the non-return flap supplied must be fitted.

Recirculation mode

(available as an optional extra with a conversion kit and charcoal filter: see "Technical Data")



da10494b

The air is drawn in and cleaned first by the grease filters and then by a charcoal filter. The cleaned air is then recirculated back into the kitchen.

Operation with an external motor

(...EXT model rangehoods)



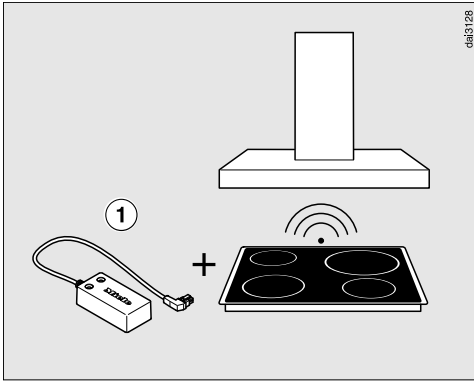
da10494c

Rangehoods set up for operation with an external motor have to be connected to a Miele external motor located in a suitable position outside the room in which the rangehood is installed. The external motor is linked to the rangehood via a connection cable and then operated via Con@ctivity 2.0 or using the controls on the rangehood.

Con@ctivity 2.0 function

Automatic control

The rangehood has a communication facility which enables the automatic operation of the rangehood depending on the operational state of a Miele electric cooktop.



For communication to take place, the cooktop must be fitted with an appropriate Con@ctivity 2.0 dongle ①.

Please consult the installation instructions for the Con@ctivity 2.0 dongle to see if connection to your cooktop is possible.

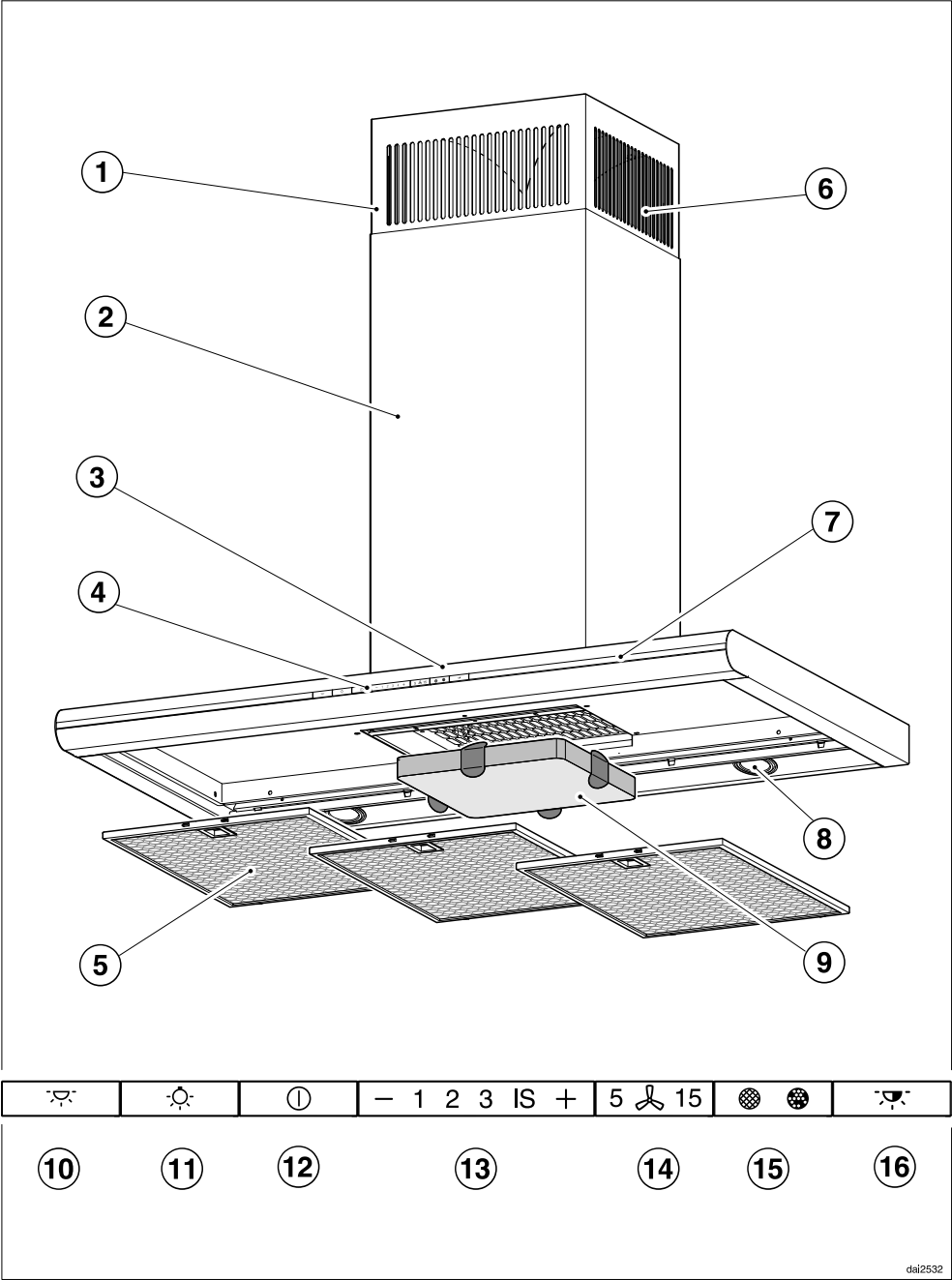
In order to be able to use the Con@ctivity 2.0 function, radio contact between the cooktop and the rangehood must be established (see "Activating Con@ctivity 2.0").

The cooktop transmits information about its operational status via a radio signal to the rangehood.

- When the cooktop is switched on, the cooktop lighting on the rangehood comes on independently and, then after a short time, the fan also comes on.
- During cooking the rangehood automatically sets the power level according to the number of cooking zones in operation and their power levels.
- After switching the cooktop off, the fan and the cooktop lighting will switch off automatically after a specified period of time.

See "Operation" for detailed information about this function.

Guide to the appliance



- ① Telescopic extension piece
- ② Tower
- ③ Canopy
- ④ Controls
- ⑤ Grease filters
- ⑥ Recirculation grilles
(only for recirculation mode)
- ⑦ Glass edge feature lighting
- ⑧ Cooktop lighting
- ⑨ NoSmell active charcoal filter
(special accessory for recirculation mode)
- ⑩ On/Off touch control for the glass edge feature lighting
- ⑪ Touch control for the cooktop lighting
- ⑫ On/Off touch control for the fan
- ⑬ Touch controls to select the fan power setting
- ⑭ Touch control for the run-on option
- ⑮ Operating hours control
- ⑯ Colour change touch control

Operation (automatic mode)

If Con@ctivity 2.0 is activated, the rangehood always operates in automatic mode (see "Activating Con@ctivity 2.0").

To operate the rangehood manually, see "Cooking without Con@ctivity 2.0 (manual mode)".

Cooking with Con@ctivity 2.0 (automatic mode)

- Switch a cooking zone on at the power setting you want.

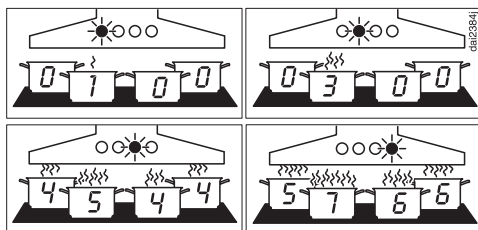
The rangehood lighting will come on.

After a few seconds the fan will come on, first at power setting **2**, then it will switch immediately to power setting **1**.

The rangehood selects the power setting automatically during cooking.

This is determined by the total output of the cooktop, i.e. the number of cooking zones in operation and the power settings selected.

- If you select a higher power setting or are using several cooking zones, the rangehood will switch to a higher power setting.
- When you reduce the power setting or the number of cooking zones on the cooktop, the rangehood power setting will also be reduced.



Examples for power levels **1** to **4**

Reaction time

The rangehood reacts with a slight delay because altering the power setting on the cooktop does not immediately result in a reduction or increase in cooking vapours.

Because the cooktop transmits the information to the rangehood at intervals, this can also cause delays.

The reaction can vary from a few seconds to a few minutes.

Cooking process

- If, for example, you switch on a cooking zone at the highest power setting to heat a pan for frying and reduce the power level after approx. 60 to 90 seconds*, a cooking process is recognised (*60 seconds to 5 minutes for a HiLight cooktop).

The rangehood switches itself on and when the cooktop power level has been reduced, the rangehood switches to power setting 3 and remains at that level for approx. 5 minutes.

After that the rangehood power setting is determined automatically by the Con@ctivity function.

- You can select another power setting manually before then.

Switching off

- Switch off all cooking zones.

The rangehood fan will reduce its power level over the next few minutes and will eventually switch itself off.

This helps to neutralise any lingering vapours and odours in the air.


- From the Intensive setting IS the fan switches immediately to setting 3.
- If the fan is operating at setting 3, it will switch to setting 2 after approx. 1 minute.
- From setting 2, the fan switches to setting 1 after 2 minutes.
- After 2 minutes at setting 1, the fan switches itself off.
- After another 30 seconds, the lighting switches off.

The cooking process is then finished.

Operation (automatic mode)

Leaving automatic mode temporarily

To leave automatic mode temporarily during cooking:

- Manually select a different power setting, or
- Manually switch the rangehood off, or
- Activate the run-on option  on the rangehood. The fan will switch off after the selected time and the lighting remains switched on.

The rangehood functions can now be operated manually (see "Cooking without Con@ctivity 2.0 (manual mode)").

Returning to automatic mode

The rangehood returns to automatic mode:

- if the rangehood has not been used for approx. 5 minutes after selecting a power setting manually, or
- if the manually selected power setting corresponds to the automatic one again, or
- if the rangehood fan and the cooktop have been switched off for at least 30 seconds.
Automatic mode will resume next time the cooktop is switched on.
- If you wish to operate the rangehood manually for a complete cooking process, switch on the rangehood fan **before** switching on the cooktop. If the rangehood and the cooktop have been switched off for at least 30 seconds after cooking, automatic mode will resume the next time the cooktop is switched on.

Cooking without Con@ctivity 2.0 (manual mode)

The rangehood can be operated manually if:

- The Con@ctivity 2.0 function is not activated.
- You have temporarily switched off the Con@ctivity 2.0 function (see "Leaving automatic mode temporarily").

Switching the fan on

- Press the On/Off touch control ①.

The fan will switch on at setting **2**. The ① symbol and **2** will light up in the power setting display.

Selecting a power level

For light to heavy cooking vapours and odours, select from power settings **1** to **3**.

When frying or cooking food with a strong aroma, select the Intensive setting **IS**.

- For a lower power setting, press the "-" control, or "+" for a higher setting.




Reducing power on the Intensive setting

If power management is activated (preset), the fan will switch to setting **3** after 5 minutes.

Selecting the run-on time

It is advisable to run the fan for a few minutes after cooking has finished to neutralise any lingering vapours and odours in the air.

With the run-on function the fan switches itself off automatically after a pre-selected time.

- After you have finished cooking, press the run-on function touch control **5**  **15**
- Once: The fan will switch off after 5 minutes (**5** lights up).
- Twice: The fan will switch off after 15 minutes (**15** lights up).
- If you press the run-on control **5**  **15** again, the fan remains on (**5**  **15** goes out).

Switching the fan off

- Press the On/Off touch control ① to switch the fan off.


The ① symbol will go out.

Operation (manual mode)

Switching the cooktop lighting on/off

The cooktop lighting can be switched on and off independently of the fan.

- To do this, press .

The  symbol will light up when the cooktop lighting is switched on.

Power management



The rangehood features a Power management system to help save energy. The fan power setting is reduced and the lighting is switched off automatically.

- If the Intensive setting is selected, the fan automatically switches to setting 3 after 5 minutes.
- From settings 3, 2 or 1 the power will be reduced by one setting after 2 hours and then in 30-minute stages until the fan finally switches off.
- The cooktop lighting will switch off automatically after 12 hours.

Switching power management on/off

You can deactivate Power management.

This can, however, result in increased electricity consumption.

- Switch off the fan and the lighting.
- Press the run-on control **5**  **15** for approx. 10 seconds, until the **1** lights up.
- Then press in turn,
 - the lighting control ,
 - then the "-" touch control, and

- the lighting control  again.

If Power management is switched on, the **1** and **IS** indicators will light up constantly.

If it is switched off, **1** and **IS** will flash.

- Press "-" to switch Power management off.

The **1** and **IS** indicators will flash.

- To switch it on, press "+".

The **1** and **IS** indicators will light up constantly.

- Confirm the setting by pressing the run-on control **5**  **15**.

All the indicator lights will go out.


If you don't confirm your selection within 4 minutes, the rangehood will automatically revert to the previous setting.

Operation (automatic and manual modes)

Glass edge feature lighting

Switching on the glass edge feature lighting



The glass edge feature lighting can be switched on and off independently of the fan and cooktop lighting.

- Press the control for the glass edge feature lighting  to switch it on.

Changing the colour of the glass edge feature lighting

You can change the colour of the glass edge lighting to any colour you like.

The colour is preset to white.

- Switch on the glass edge feature lighting .
- By repeatedly pressing the colour change control , you can scroll through the six preset standard colour settings as follows:

1. White
2. Green
3. Red
4. Blue
5. Rapid colour change


The colour of the lighting changes continuously. The colours rotate once every minute. Initially the colour change symbol flashes rapidly.

6. Slow colour change

As with 5, but the colours rotate once every 15 minutes. Initially the colour change symbol flashes slowly

Saving a colour


You have the option of saving one favourite colour to memory.

- Select rapid or slow colour change (colour setting 5 or 6).
- When the desired colour is reached, press and hold the colour change control  until the glass edge lighting flashes three times.

This lighting colour is now saved in an additional colour setting 7.

It can be selected at any time until you decide to save a different colour in the same way.

Switching off the glass edge feature lighting

- Press the control for the glass edge feature lighting .



The lighting will switch off after a short delay.

When the glass edge lighting is next switched on, the most recently selected colour setting 1 to 7 will come on again.

Operation (automatic and manual modes)

Operating hours counter




The number of hours the appliance has been in operation is stored in memory.


When the grease filter symbol  or the charcoal filter symbol  lights up, the operating hours counters are signalling that the filters need to be cleaned or changed. Further information about cleaning and changing the filters and resetting the operating hours counter can be found under "Cleaning and care".

Altering the operating hours counter for the grease filters

You can set the operating hours counter for the grease filters to suit the type of cooking you do.


It is set at the factory for 30 hours.

- Select a shorter time (20 hours) if you fry a lot.
- If you only cook occasionally, we recommend that you still select a relatively short time because grease which has built up gradually over a long period of time will harden on the filters and make cleaning more difficult.
- If you use very little fat for cooking, select a longer time (40-50 hours).
- Press the On/Off touch control  to switch the fan off.
- Press the run-on control  **15** and the operating hours counter  at the same time.

The grease filter symbol  and one of the fan power setting indicators will flash.

Fan power setting indicators **1** to **IS** show the time set:

1	20 hours
2	30 hours
3	40 hours
IS	50 hours

- Press the "-" symbol for a shorter operating time, or the "+" symbol to select a longer operating time.
- Confirm the selection by pressing the operating hours control .

All the indicator lights will go out.



If you don't confirm your selection within 4 minutes, the rangehood will automatically revert to the previous setting.


Operation (automatic and manual modes)

Activating and altering the operating hours counter for the NoSmell active charcoal filter

The charcoal filter is needed for recirculation mode.



The operating hours counter for the charcoal filter needs to be activated once and the operating hours counter needs to be set to suit the kind of cooking you do:

- Press the On/Off touch control ① to switch the fan off.
- Press the "+" symbol and the operating hours control   at the same time.

The charcoal filter symbol  and one of the fan power settings will flash.

Fan power setting indicators **1 to IS** show the time set:

1	120 hours
2	180 hours
3	240 hours
IS	Deactivated





- Press the "-" symbol for a shorter operating time, or the "+" symbol to select a longer operating time.
- Confirm the selection by pressing the operating hours control  .

All the indicator lights will go out.

If you don't confirm your selection within 4 minutes, the rangehood will automatically revert to the previous setting.

Reading the filter operating hours counter

To check the percentage of time set already used:

- Press the On/Off touch control ① to switch the fan on.
- Press and hold the operating hours control  :
 - Once, to read the grease filter operating hours. The grease filter symbol  lights up.
 - Twice, to read the charcoal filter operating hours. The charcoal filter symbol  lights up.

One or more of the fan power setting indicators will flash.

The number of flashing controls indicates the percentage of the operating time which has already been used up.

Indicator 1	25 %
Indicators 1 and 2	50 %
Indicators 1 to 3	75 %
Indicators 1 to IS	100 %

The number of operating hours used remains in the memory even when the appliance is switched off or there is a power interruption.

Energy saving tips

This rangehood operates very efficiently and economically. The following will help you to save even more energy when using it:

- Ensure that there is sufficient ventilation in the kitchen when cooking. In extraction mode, if there is insufficient air flow the rangehood cannot operate efficiently and this causes increased operating noise levels.
- Always cook with the lowest possible setting. This produces fewer cooking vapours, so you can use a lower rangehood power level and therefore benefit from reduced energy consumption.
- Use the Con@ctivity function. The rangehood will switch on and off automatically at the optimum power level for the cooking you are doing, which ensures low energy consumption.
- If you are operating the rangehood manually, please note the following:
 - Check the power level selected on the rangehood. A lower power level is generally sufficient for the majority of cooking. Only use the intensive setting when necessary.
 - When a large volume of cooking vapours are being produced, switch to a high power level in good time. This is more efficient than operating the rangehood for longer to try to capture cooking vapours which have already been distributed throughout the kitchen.

- Make sure that you switch the rangehood off after use. If cooking vapours and odours still need to be removed from the kitchen air after cooking, use the run-on function. The fan will switch off automatically after the selected run-on time.
- Clean or change the filters at regular intervals. Heavily soiled filters reduce performance, increase the risk of fire and are unhygienic.

Housing

General

The surfaces and controls are susceptible to scratches and abrasion.

Please observe the following cleaning instructions.

- Switch the rangehood off before any cleaning or maintenance work is carried out.
- All external surfaces and controls can be cleaned using warm water with a small amount of washing-up liquid applied with a well wrung-out soft sponge or cloth.

Do not use too much water when cleaning the controls.

Water could penetrate into the electronics and cause damage.

- After cleaning, wipe the surfaces dry using a soft cloth.

Do not use:

- cleaning agents containing soda, acids, chlorides or solvents,
- abrasive cleaning agents, e.g. powder cleaners or cream cleaners and abrasive sponges, as well as pot scourers or sponges which have been used previously with abrasive cleaning agents. These will damage the surface material.

Important for appliances with stainless steel surfaces

(This information does not apply to the controls)

- Stainless steel surfaces can be cleaned with a proprietary non-abrasive cleaning agent designed specifically for use on stainless steel.
- To help prevent re-soiling, a proprietary conditioning agent for stainless steel (Original Miele Care product for stainless steel) can also be used. Follow the manufacturer's instructions on the packaging. Apply sparingly with a soft cloth following the instructions on the packaging.

Cleaning and care

Important for the controls

Do not leave soiling on the controls for any length of time.

Otherwise they may suffer discolouration or damage.

Remove any soiling immediately.

- Observe the general notes on cleaning earlier in this section.


Do not use stainless steel cleaning agents on the controls.

Important for the glass edging

- The glass edging can be cleaned using a proprietary non-abrasive cleaning agent designed specifically for use on glass.


Grease filters

The re-usable metal grease filters in the appliance remove solid particles (grease, dust, etc.) from the kitchen vapours, preventing soiling of the rangehood.

 An oversaturated filter is a fire hazard.

When to clean the grease filters

The grease filters should be cleaned regularly (at least every 3-4 weeks) to avoid a build-up of grease.

Clean them immediately if the grease filter operating hours control  lights up.

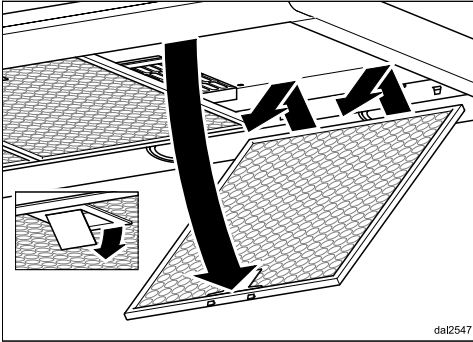
- You can set the operating hours counter for the grease filter to suit the type of cooking you do (see "Operation").

Removing a grease filter

The grease filter can fall out when you are handling it.

This can result in damage to the filter and the cooktop below.

Make sure you hold the filter securely at all times when handling it.



- To take out a grease filter, release the locking clip on the filter, lower the filter approx. 45°, unhook it at the back and remove it.

Cleaning the grease filters by hand

- Clean the filters with a soft nylon brush in a mild solution of hot water and a small amount of washing-up liquid. Do not use undiluted washing up liquid.

Unsuitable cleaning agents

Unsuitable cleaning agents can cause damage to the surface of the filters if used regularly.

Do not use:

- cleaning agents containing descaling agents,
- powder cleaners or cream cleaners,
- aggressive all-purpose cleaning agents or spray cleaners for grease,
- oven sprays.

Cleaning the grease filters in a dishwasher

- Place the filters as upright as possible in the lower basket, with the short sides upright, ensuring the spray arm is not obstructed.
- Use a proprietary household dishwasher detergent.
- Select a dishwasher programme with a wash temperature between 50 °C and 65 °C.

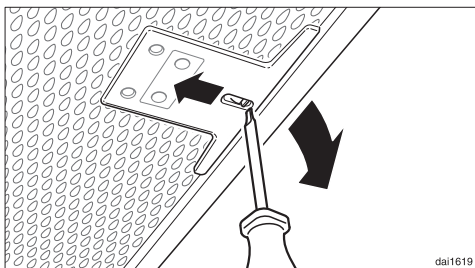
Depending on the cleaning agent used, cleaning the filters in a dishwasher can cause permanent discolouration to the surface. However, this will not affect the functioning of the filters in any way.

After cleaning

- After cleaning, leave the filters to dry on an absorbent surface before refitting them.
- When removing the filters for cleaning, also clean off any residues of oil or fat from the now accessible housing to prevent the risk of these catching fire.

Cleaning and care


- Replace the grease filters, making sure that the locking clips are facing down towards the cooktop.



- If a grease filter is inadvertently refitted upside down, insert a small screwdriver blade into the slit to disengage the clip.


Resetting the operating hours counter for the grease filters

After cleaning, the operating hours counter needs to be reset.

- Whilst the fan is switched on, press the operating hours control  for approx. 3 seconds until only the **1** is flashing.

The grease filter symbol  goes out.

If the grease filters are cleaned before the operating hours counter has reached its maximum:

- Press the operating hours control  for approx. 6 seconds, until only the **1** is flashing.

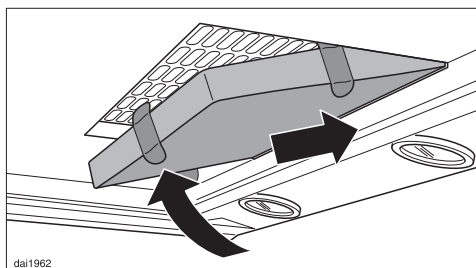
NoSmell active charcoal filter

If the rangehood is connected for recirculation, a charcoal filter must be inserted in addition to the grease filters. This is designed to absorb cooking odours and is fitted in the canopy above the grease filters.

Replacement charcoal filters can be obtained from Miele or via the internet at www.miele-shop.com (depending on country). See back cover for contact details, and "Technical data" for type and reference number.

Fitting and replacing a charcoal filter


- Before fitting or replacing the charcoal filter, the grease filters must first be taken out (see previous section for instructions on how to do this).
- Unwrap the charcoal filter from its packaging.



- Insert the charcoal filter into the back of the charcoal filter frame, then push up into the frame at the front.
- Refit the grease filters.
- When fitting for the first time, activate the operating hours counter (see "Operation").

When to change the NoSmell active charcoal filter



- Always replace the charcoal filter when it no longer absorbs kitchen odours effectively. It should, however, be replaced at least every 6 months.

The charcoal filter operating hours counter  will light up to remind you to change the charcoal filter regularly.


- The charcoal filter operating hours counter needs to be activated before using for the first time (see "Operation").

Resetting the operating hours counter for the charcoal filter

After changing the charcoal filters, the operating hours counter needs to be reset.

- To do this, with the fan switched on, press the operating hours control  twice, then press it again and hold it for approx. 3 seconds until only the **1** is flashing. The charcoal filter symbol  will go out.

If you replace the charcoal filter **before** the operating hours counter has reached its maximum:

- Press the operating hours control  twice and hold it for approx. 6 seconds until only the **1** is flashing.

Disposing of the charcoal filter

- The used charcoal filter can be disposed of with the normal household waste.

After sales service and warranty

In the event of a fault which you cannot remedy yourself, please contact Miele.

The contact details for Miele are given at the back of these instructions.

When contacting Miele, please quote the model and serial number of your appliance.

These can be found on the data plate.

Position of the data plate


The data plate is visible after removing the grease filters.

Warranty

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

For further information, please refer to your warranty booklet.

Before installation

 Before installation, it is important to read the information given on the following pages as well as the "Warning and Safety instructions" at the beginning of this booklet.

Protective foil

The housing components have protective film around them to prevent them from transport damage.

- Please remove this film before fitting the housing components. It can be peeled off easily.

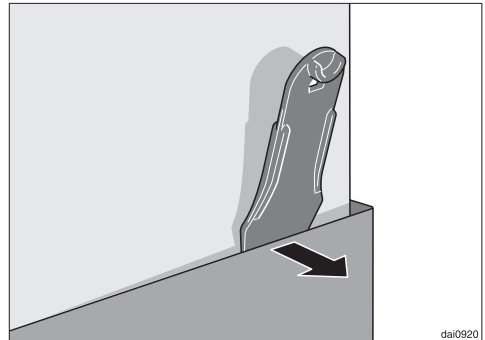
Installation instructions

See enclosed installation sheet for instructions on how to install this appliance.

Dismantling

Should the appliance ever need to be dismantled, follow the installation instructions in reverse order as described on the installation sheet. A lever is supplied to assist with the removal of the tower.

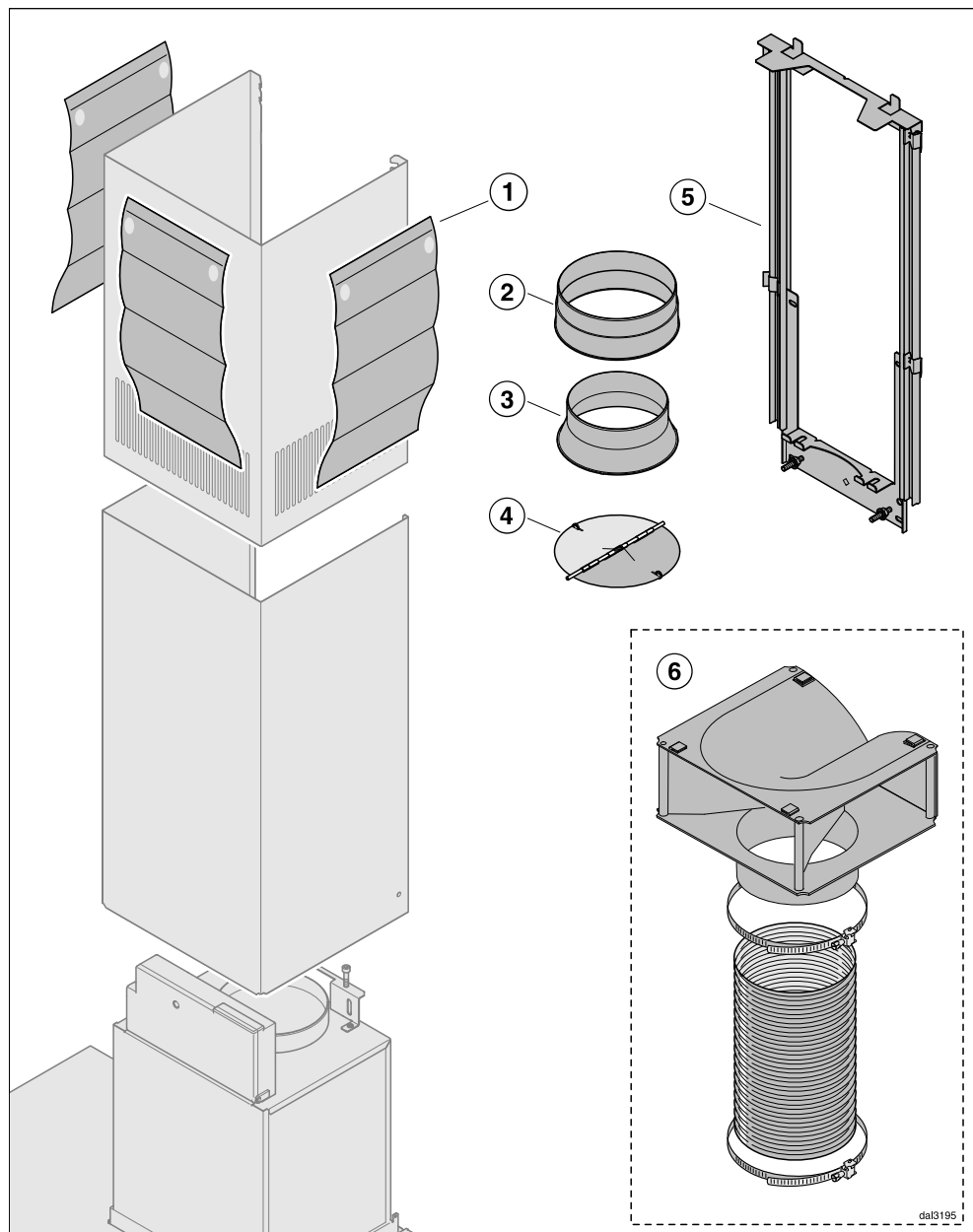
- After unscrewing the two fixing screws on the tower,



- push the lever between the tower and the extension piece to lever the tower out of its fixings.

Installation

Assembly parts



- ① **3 protective sheets**
for use when fitting the tower.
- ② **1 floating bracket**
for exhaust ducting Ø 150 mm.
- ③ **1 reducing collar**
for exhaust ducting Ø 125 mm.
- ④ **1 non-return flap**
for fitting into the exhaust connection on the motor unit (not needed for recirculation mode).
- ⑤ **Telescopic wall bracket**
for securing the rangehood to the wall.
- ⑥ **Conversion kit for recirculation mode**
including directional unit, flexible aluminium hose and hose clips (the conversion kit is not supplied. It is available as an optional extra - see "Technical data").



5x60mm-D000850

6 screws 5 x 60 mm and
6 plugs 8 x 50 mm
for securing the wall bracket.

The screws and plugs are designed for use in solid walls only. For other types of wall construction, alternative fixings will be required. Make sure the wall is able to take the weight of the rangehood.



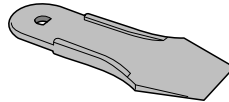
00031682

2 x M 6 self-tapping nuts
for securing the appliance.



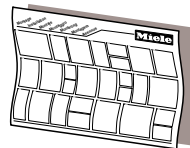
08256130

2 screws 3.9 x 7.5 mm
for securing the tower.



00033716

1 lever
for dismantling the tower.

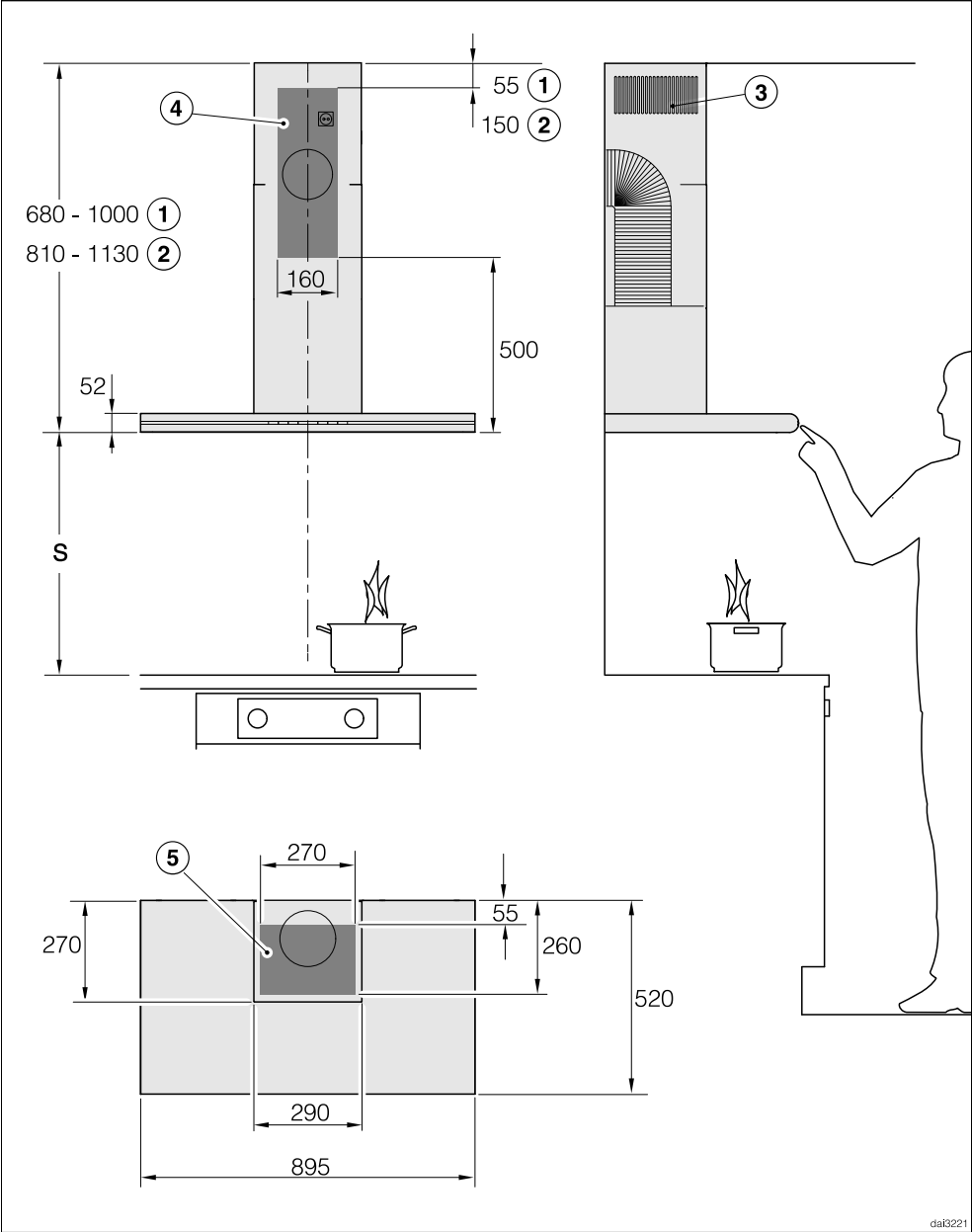


dina3mle

Installation instructions

Installation

Appliance dimensions



The drawing is not to scale.

- ① Extraction
- ② Recirculation
- ③ Ventilation grille positioned at the top for recirculation
- ④⑤ (only ④ is required for recirculation mode rangehoods): The shaded area represents the wall or ceiling area for the vent cut-out, for fitting the connection socket and on EXT models for feeding the connection cable through to the external motor. Recirculation mode rangehoods only require an electrical connection socket.

Connection for air extraction Ø 150 mm, or Ø125 mm with reducing collar.

Safety distance (S)

The minimum distances between the top of a cooktop (excluding trivets, dials - depending on model) and the bottom of the rangehood are as follows, unless a greater distance is specified by the manufacturer of your cooking appliance. See also "Warning and Safety instructions".

Cooking appliance	Minimum distance S
Electric cooktop	600 mm
Electric grill, deep fat fryer (electric)	650 mm
Multi-burner gas cooktop with maximum 45.4 MJ/h total output, with no burner having a greater output than 16.2 MJ/h.	650 mm
Multi-burner gas cooktop with total output greater than 45.4 MJ/h, but with a maximum of 77.8 MJ/h, with no burner having a greater output than 17.3 MJ/h.	760 mm
Multi-burner gas cooktop with total output greater than 77.8 MJ/h, with a single burner having a greater output than 17.3 MJ/h.	Not possible
Single burner gas cooktop with a maximum output of 21.6 MJ/h.	650 mm
Single burner gas cooktop with an output greater than 21.6 MJ/h, but with a maximum of 29.2 MJ/h.	760 mm
Single burner gas cooktop with an output greater than 29.2 MJ/h.	Not possible

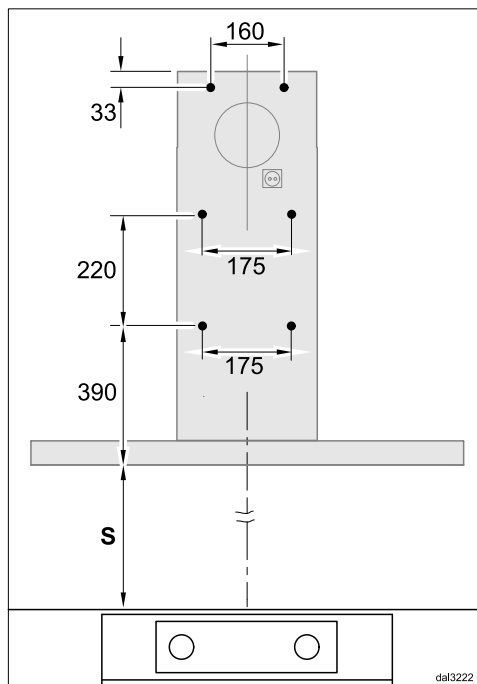
Installation

Installation recommendations

- When deciding on the safety distance between the cooktop and rangehood, please note that a distance of 650 mm above electric cooktops may be preferable to give more working space under the rangehood.
- Account should also be taken of the height of the person who will be using the rangehood most often. They should have sufficient space to work comfortably at the cooktop, and be able to reach the rangehood controls with ease.
- If positioned too high, extraction will be inefficient.
- To achieve optimum vapour extraction, the rangehood must cover the cooktop. It should be positioned centrally over the cooktop, not to the side.
- The cooktop should be no wider than the rangehood and, if possible, it should be narrower, especially for safety distances greater than 750 mm.
- The installation area must be easily accessible. The rangehood should be easily accessible and easy to dismantle in the event that service is required. This should be taken into consideration when planning the position of cupboards, shelves, ceilings or features in the vicinity of the rangehood.

Drilling diagram for wall mounting

- Please follow the directions given in the installation instructions supplied for drilling.



- For pre-installation of a back wall where the holes have to be pre-drilled, please refer to the drilling distances in the drawing above (screws \varnothing 5 mm).

Connection for air extraction

⚠ Before installation, it is important to read the information given on the following pages as well as the "Appliance dimensions" and the "Warning and Safety instructions" at the beginning of this booklet. This is particularly crucial when using the rangehood at the same time as a heating appliance that relies on oxygen from the same room, which could result in the build-up of toxic fumes.

The rangehood should be installed according to local and national building regulations. Seek approval from the building inspector where necessary.

- Only use smooth pipes or flexible hoses made from non-flammable materials for the extraction ducting.

Highly flexible, concertina type ducting material will greatly reduce the performance of the rangehood.

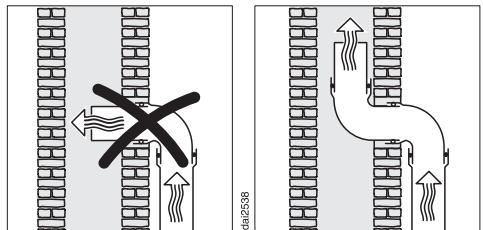
- When using an external motor, make sure that the exhaust ducting is sufficiently rigid. The external motor can cause an underpressure which can result in the exhaust ducting distorting.
- To achieve the greatest possible air extraction with the lowest noise level, please note the following:

To ensure efficient air extraction, the diameter of the exhaust ducting should not be less than 150 mm.

- A reduction in diameter will compromise the extraction performance of the rangehood.
- If flat ducting is being used, the cross-sectional area must not be smaller than the cross-sectional area of the exhaust connection.
- The exhaust ducting should be as short and straight as possible.
- Only use wide radius bends.
- The exhaust ducting should not be kinked or compressed.
- Ensure that all connections are strong and airtight.

Remember that any constriction of the airflow will reduce extraction performance and increase operating noise.

- If the exhaust is ducted through an outside wall, a telescopic wall vent or a roof vent (available as an optional accessory) is recommended.

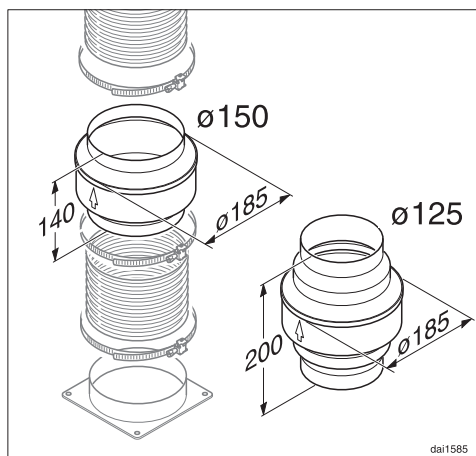


- If the exhaust air is to be ducted into a vent flue, the ducting must be directed in the flow direction of the flue.

Connection for air extraction

- When ducting is horizontal it must be laid to slope away at at least 1 cm per metre. This is to ensure that condensate cannot drain back into the rangehood.
- If the exhaust ducting is to run through rooms, ceiling space etc. where there may be great variations in temperature between the different areas, the problem of condensation will need to be addressed. The exhaust ducting will need to be suitably insulated.

Condensate trap



In addition to insulating the exhaust ducting, we recommend that a suitable condensate trap is also installed to collect and evaporate any condensate which may occur.

Condensate traps are available for 125 mm or 150 mm ducting.

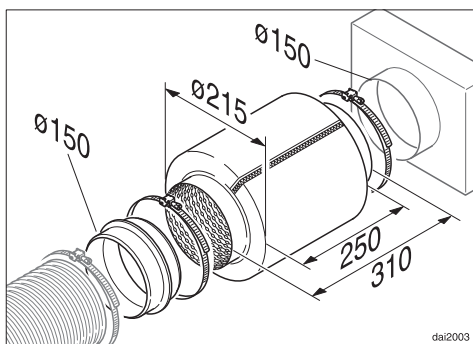
- When installing a condensate trap, ensure that it is positioned vertically and if possible directly above the

exhaust collar.

The arrow on the housing indicates the direction of airflow.

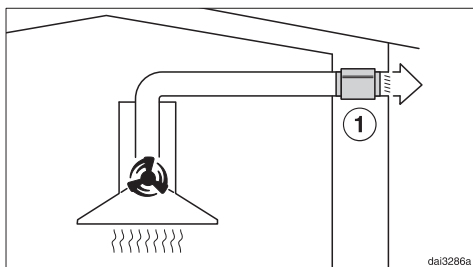
The condensate trap will be integrated in rangehoods which are designed to be connected to an external fan (model.....EXT).

Silencer



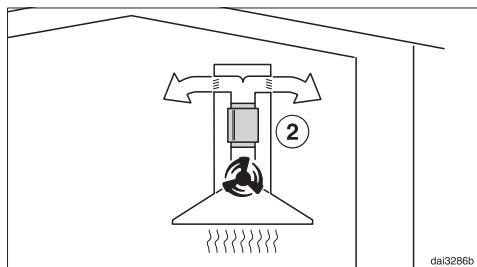
To achieve even further reductions in noise levels, a special silencer (optional accessory) can be fitted in the ducting system.

Air extraction mode



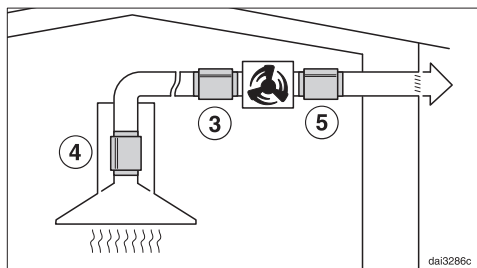
The silencer not only reduces noise from the motor outside the house, but also sounds from outside (e.g. traffic noise). For this reason, the silencer must be positioned as close as possible to the ducting exit ①.

Recirculation mode



The silencer needs to be positioned between the exhaust connection and the directional unit ②. Ensure there is adequate space in the tower for fitting it.

Air extraction with external motor



To minimise noise from the motor in the kitchen, the silencer should be positioned in front of the external motor ③ if possible, or, if the ducting is long, above the exhaust connection inside the rangehood ④. In the case of an external motor located inside the house, fitting a silencer behind the external motor ⑤ reduces the noise of the motor outside the house.

Electrical connection

All electrical work should be undertaken by a suitably qualified and competent person in strict accordance with current national and local safety and building code regulations. Installation, repairs and other work by unqualified persons could be dangerous, for which the manufacturer cannot be held liable. Ensure power is not supplied to the appliance until after installation or repair work has been carried out.

The rangehood must be connected to a suitably earthed socket (AC 230 V, 50 Hz).

For extra safety it is advisable to install a residual current device (RCD) with a trip current of 30 mA.

Connection of this appliance should be made via a suitable isolator which complies with national and local safety regulations and the On-Off switch should be easily accessible after the appliance has been built in.

If the mains socket is not accessible after installation, an additional means of disconnection must be provided for all poles. There must be an all-pole contact gap of 3 mm in the switch (including switch, fuses and relays according to EN 60335).

The connection data is given on the data plate (See "After sales service"). Ensure that this data matches the household mains supply.

Installing the Con@ctivity 2.0 dongle

In order for the Con@ctivity 2.0 function to be used, the cooktop must be fitted with the Con@ctivity dongle.

- Please read the instructions for the Con@ctivity 2.0 dongle before installation.

Activating Con@ctivity 2.0



In order to use the Con@ctivity 2.0 function, radio contact between the cooktop and the rangehood must be activated.

Both appliances must be installed and operational.

Wireless connection must be activated on the rangehood and the cooktop at the same time. Activation on the rangehood is described below.

Activation on the cooktop is described in the relevant Operating instructions. Please refer to the Operating instructions before starting. Activate the rangehood first, then the cooktop.

Activating the rangehood

- The cooktop and rangehood must be switched off.
- Press the run-on option control **5**  **15** for approx. 10 seconds until the indicator for the power setting **1** lights up.
- Then press in turn,
 - the "—" control,
 - then the "+" control,
 - then the lighting control .

The rangehood is now in signing on/off mode.

If a wireless connection has not yet been established, **2** and **3** will flash at the same time.

If a wireless connection has already been established, **2** and **3** will light up constantly (Con@ctivity 2.0 is already activated or a remote control is signed on).

- To activate Con@ctivity 2.0, touch the "+" control.

The search for a signal starts.


- Meanwhile, start the activation of the cooktop.

Activating Con@ctivity 2.0

Activating the cooktop

- While the rangehood is searching for the radio connection, start activating the cooktop.

More information about this can be found in the Operating instructions for the cooktop.

- When the cooktop registers that connection has been established, confirm activation on the rangehood with the run-on option control **5**  **15**. All indicators will go out.
- Confirm the activation on the cooktop.

The Con@ctivity 2.0 function can now be used.

If you do not confirm your selection within 4 minutes, activation will not take place.

You only need to carry out the activation procedure once. If the appliances are disconnected from the electricity supply, during a power cut for example, they will still remain activated.

Activation failed

- If connection cannot be established despite activating the Con@ctivity function on the rangehood and cooktop, the function must be deactivated on both appliances and then the procedure repeated.

Deactivating Con@ctivity 2.0

- Deactivation on the rangehood is carried out in the same way as activation, by selecting the "-" control instead of "+".
- To deactivate the cooktop, please refer to the Operating instructions supplied with it.

Please bear in mind that disabling the signal will also disable any remote control function and this will have to be activated again.

Technical data

Fan motor*	200 W
Cooktop lighting	3 x 3 W
Glass edge feature lighting	10 W
Total rated load*	219 W
Voltage, frequency	AC 230 V, 50 Hz
Fuse rating	10 A
Mains connection cable length	1.5 m
Weight	
DA 6296 W	27 kg
DA 6296 W EXT	24 kg

* For EXT models, the rated load and extraction power will depend on the type of external motor fitted.

Length of connection cable to external motor: 1.9 m

Recirculation mode with conversion kit DUW 20 and charcoal filter DKF 12 (optional accessories)

Technical data

Data sheet for domestic cooker hoods

In acc. with delegated regulation (EU) No. 65/2014 and regulation (EU) No. 66/2014

MIELE	
Model name / identifier	DA 6296 W
Annual Energy Consumption (AEC_{hood})	72,1 kWh/year
Energy efficiency class	
A+ (most efficient) to F (least efficient)	B
Energy efficiency index (EEl_{hood})	69,8
Fluid Dynamic Efficiency (FDE_{hood})	22,5
Fluid Dynamic Efficiency class	
A (most efficient) to G (least efficient)	C
Lighting Efficiency (LE_{hood})	55,6 lx/W
Lighting Efficiency class	
A (most efficient) to G (least efficient)	A
Grease Filtering Efficiency	95,1 %
Grease Filtering Efficiency class	
A (most efficient) to G (least efficient)	A
Airflow at best efficiency point	366,4 m ³ /h
Air flow (min. speed)	200 m ³ /h
Air flow (max. speed)	400 m ³ /h
Air flow (intensive or boost setting)	640 m ³ /h
Max. air flow (Q_{max})	640 m ³ /h
Air pressure at best efficiency point	334 Pa
Airborne acoustical A-weighted sound power emissions (min. speed)	40 dB
Airborne acoustical A-weighted sound power emissions (max. speed)	53 dB
Airborne acoustical A-weighted sound power emissions (intensive or boost setting)	65 dB
Electrical power input at best efficiency point	151,0 W
Power consumption in off mode (P_o)	W
Power consumption in standby mode (P_s)	0,15 W
Nominal power of lighting system	9,0 W
Average illumination of the lighting system on the cooking surface	500 lx
Time increase factor	1,2

Data sheet for domestic cooker hoods

In acc. with delegated regulation (EU) No. 65/2014 and regulation (EU) No. 66/2014

MIELE	
Model name / identifier	DA 6296 W EXT
Annual Energy Consumption (AEC_{hood})	6,6 kWh/year
Energy efficiency class	
A+ (most efficient) to F (least efficient)	A+
Energy efficiency index (EEl_{hood})	32,4
Fluid Dynamic Efficiency (FDE_{hood})	
Fluid Dynamic Efficiency class	
A (most efficient) to G (least efficient)	-
Lighting Efficiency (LE_{hood})	55,6 lx/W
Lighting Efficiency class	
A (most efficient) to G (least efficient)	A
Grease Filtering Efficiency	%
Grease Filtering Efficiency class	
A (most efficient) to G (least efficient)	-
Airflow at best efficiency point	m ³ /h
Air flow (min. speed)	m ³ /h
Air flow (max. speed)	m ³ /h
Air flow (intensive or boost setting)	m ³ /h
Max. air flow (Q_{max})	m ³ /h
Air pressure at best efficiency point	Pa
Airborne acoustical A-weighted sound power emissions (min. speed)	dB
Airborne acoustical A-weighted sound power emissions (max. speed)	0 dB
Airborne acoustical A-weighted sound power emissions (intensive or boost setting)	dB
Electrical power input at best efficiency point	W
Power consumption in off mode (P_o)	W
Power consumption in standby mode (P_s)	0,15 W
Nominal power of lighting system	9,0 W
Average illumination of the lighting system on the cooking surface	500 lx
Time increase factor	

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