Operating and installation instructions
Cooker hood

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 cooker hood is intended for use in domestic households and similar working and residential environments.

▶ The cooker hood is not intended for outdoor use.

▶ It must only be used as a domestic appliance to extract vapours and remove odours from cooking. Any other usage is not supported by the manufacturer and could be dangerous.

▶ Where a recirculation cooker hood is fitted above a gas hob, please ensure that there is an adequate supply of fresh air into the room in which it is installed. Please seek the advice of a qualified gas fitter (e.g. GasSafe in the UK) if necessary.
Warning and Safety instructions

The cooker hood can only be used by people with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, if they are supervised whilst using it, or have been shown how to use it in a safe way and recognise and understand the consequences of incorrect operation.

Safety with children

Children under 8 years of age must be kept away from the cooker hood unless they are constantly supervised.

Children 8 years and older may only use the cooker hood unsupervised if they have been shown how to use it safely and recognise and understand the consequences of incorrect operation.

Children must not be allowed to clean or maintain the cooker hood unsupervised.

Please supervise children in the vicinity of the cooker hood and do not let them play with it.

The hob lighting is very intensive. Ensure, in particular, that babies/small children do not look at the light.

Danger of suffocation. Packaging, e.g. plastic wrappings, must be kept out of the reach of babies and children. Whilst playing, children could become entangled in packaging or pull it over their head and suffocate.
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.

- 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 correctly earthed. It is essential that this standard safety requirement is met. If in any doubt please have the electrical installation tested by a qualified electrician.

- Reliable and safe operation of this cooker hood can only be assured if it has been connected to the mains electricity supply.

- The connection data (voltage and frequency) on the data plate of the cooker hood must match the mains electricity supply in order to avoid the risk of damage to the cooker hood. Compare this before connecting the appliance to the mains. 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. These are a fire hazard and do not guarantee the required safety of the appliance.

- EXT model cooker hoods are connected to their external motor using a special connection cable and plug connectors. These appliances may only be combined with a Miele external motor.
For safety reasons, this appliance may only be used after it has been built in.

The cooker hood must not be used in a non-stationary location (e.g. on a ship).

Touching electrical components and tampering with electrical 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.

The manufacturer's warranty will be invalidated if the appliance is not repaired by a Miele approved service technician.

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.

If the electrical connection cable is faulty it must only be replaced by a Miele authorised service technician to protect the user from danger.

During installation, maintenance and repair work, the appliance must be disconnected from the mains electricity supply.
Warning and Safety instructions

Using at the same time as another heating appliance that depends on the air from the room

⚠️ Danger of toxic fumes!
Great care should be taken when using the cooker hood in the same room or the same area of the house at the same time as another heating appliance that depends on the air from the room. Such heating appliances draw in air from the room and duct exhaust gases out to the open air through a chimney or extraction ducting. They include gas, oil, wood and coal-fired boilers and heaters, continuous flow or other water heaters, gas hobs and ovens.

The cooker hood draws in air from the kitchen and from neighbouring rooms. This applies to the following modes of operation:
- extraction mode,
- extraction mode with an external motor,
- recirculation mode with a recirculation box installed outside the room.
If there is insufficient air, an underpressure will occur. The heating appliance may be starved of oxygen. This impairs combustion. Harmful gases could be drawn from the chimney or extraction ducting back into the room.
Risk of death!
In order to ensure safe operation and to prevent gases given off by the heating appliance from being drawn back into the room, when the cooker hood and the heater are both operated simultaneously, an underpressure in the room of 0.04 mbar (4 Pa) is the maximum permissible.

Sufficient ventilation can be maintained by air inlets which cannot be blocked, e.g. in windows, doors and outside wall vents. The diameter of the inlet openings must enable sufficient ventilation. 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 should be sought.

If the cooker hood is being operated in recirculation mode, whereby the air is redirected into the room in which it is installed, the above restrictions do not apply.
Correct use

Never use a naked flame beneath the cooker hood. To avoid the danger of fire, do not flambé or grill over a naked flame. When switched on, the cooker hood could draw flames into the filter. Fat deposits could ignite, presenting a fire hazard.

The cooker hood can become damaged when exposed to excessive heat.

- When using the cooker hood over a gas hob, 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 cooker hood on when a cooking zone is in use, otherwise condensation may collect in the hood, which could cause corrosion.

Overheated oil and fat can ignite, causing fire damage to the cooker hood.

When cooking with oil or fat, chip pans and deep fat fryers etc, do not leave the pans unattended. Similarly, never leave an open grill unattended when grilling.
Warning and Safety instructions

Do not use the cooker hood 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 cooker hood can get very hot during cooking due to heat rising from the hob. Do not touch the housing or the grease filters until the cooker hood has cooled down.

This cooker hood is not suitable for placing objects on.

Correct installation

Refer to the cooker or hob manufacturer's instructions as to whether a cooker hood may be operated above the cooker/hob.

Safety regulations prohibit the fitting of a cooker hood over solid fuel stoves.

An insufficient safety distance between the hob and the cooker hood can result in damage to the cooker hood. The minimum safety distances between the top of the cooker or hob and the bottom of the cooker hood given in the "Installation" section of this booklet must be maintained, unless the hob manufacturer states that a greater safety distance is required. If more than one cooking appliance is fitted beneath the cooker hood, and they have different minimum safety distances to the cooker hood, select the greater distance.

The distances given in "Installation" must be observed when fitting the cooker hood.
Warning and Safety instructions

- Exhaust ducting must be of non-inflammable material. Suitable material is available from Miele specialist dealers or the Miele Spares Dept.

- The appliance must not be connected to a chimney or 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 cooker hood 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.

Accessories

- Only use genuine original Miele accessories and spare parts with this appliance. Using accessories or spare parts from other manufacturers will invalidate the warranty and Miele cannot accept liability.
Disposal of the packing material

The packaging is designed to protect the appliance from damage during transportation. The packaging materials used are selected from materials which are environmentally friendly for disposal and should 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.

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 country) 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.
Modes of operation

Depending on the model of the cooker hood, the following options are available:

**Extraction mode**

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 when the cooker hood is switched off. The flap is closed when the cooker hood is switched off. When the cooker hood 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 in the exhaust socket in the motor unit.

**Recirculation mode**

(recirculation mode cooker hoods require a conversion kit and charcoal filter (available as optional accessories): see "Technical Data")

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 cooker hoods)

A Miele extraction fan is installed in a location of your choice outside the room for cooker hoods which are designed to be connected to an external motor. The external motor is connected to the cooker hood by means of a control cable and is operated by Con@ctivity 2.0 or by the controls on the cooker hood.
Con@ctivity 2.0 function

Automatic control

The cooker hood has a communication facility which enables the automatic operation of the cooker hood depending on the operational state of the hob.

To make use of the communication facility the hob must be fitted with a Con@ctivity 2.0 Stick ①.

Refer to the installation instructions for the Con@ctivity 2.0 Stick to check whether it is compatible with your hob.

To use the Con@ctivity 2.0 function, a wireless connection must be established between the hob and the cooker hood (see "Activating Con@ctivity 2.0").

The hob transmits information about its operational status via a wireless signal to the cooker hood.

– When the hob is switched on, the hob lighting comes on independently and then after a short time the fan also comes on.

– During cooking the cooker hood automatically sets the power level according to the number of cooking zones in operation and their power levels.

– After switching the hob off the fan and the hob 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. Hob lighting
8. Charcoal filter (special accessory for recirculation mode)
9. Sensor control for switching the fan on and off
10. Sensor control for hob lighting
11. Sensor controls for selecting the fan power level
12. Sensor control for the run-on option
13. Operating hours sensor control for the grease filter
14. Operating hours sensor control for the charcoal filter
Operation (Automatic mode)

When Con@ctivity 2.0 is activated, the cooker hood always works in automatic mode (see "Activating Con@ctivity 2.0").

To operate the cooker hood manually, see "Cooking without Con@ctivity 2.0".

Cooking with Con@ctivity 2.0 (Automatic mode)

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

The hob lighting will come on.

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

The cooker hood selects the power level automatically during cooking.

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

- If you select a higher power level or are using several cooking zones, the cooker hood will switch to a higher power level.

- When you reduce the power level or the number of cooking zones on the hob, the cooker hood power level is also reduced.

Examples for power levels 1 to 4

Reaction time

The cooker hood reacts with a slight delay because altering the power level on the hob does not immediately result in a reduction or increase in cooking vapours.

Because the hob transmits the information to the cooker hood at intervals, this can also cause delays.

The reaction can vary from a few seconds to a couple of minutes.
Operation (Automatic mode)

Cooking process

■ If for example you switch on a cooking zone at the highest power level 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 hob).

The cooker hood switches itself on and when the hob power level has been reduced, the hood switches to power level 3 and remains at that level for approx. 5 minutes.

After that the cooker hood power level is determined automatically by the Con@ctivity function.

■ You can select another power level manually before then.

Switching off

■ Switch off all cooking zones.

The cooker hood 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, the fan switches immediately to level 3.

– If the fan is operating at level 3, it will switch to level 2 after approx. 1 minute.

– From level 2, the fan switches to level 1 after 2 minutes.

– After 2 minutes at level 1 the fan switches itself off.

– After another 30 seconds, the hob 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 level, or
- Manually switch the cooker hood off, or
- Activate the run-on option on the cooker hood. The fan will switch off after the selected time and the lighting remains switched on.

The cooker hood can now be operated manually (see "Cooking without Con@ctivity 2.0").

Returning to automatic mode

The cooker hood returns to automatic mode:

- if the cooker hood has not been used for approx. 5 minutes after selecting a power level manually, or
- if the manually selected fan power level corresponds to the automatic one again, or
- if the cooker hood fan and the hob have been switched off for at least 30 seconds. Automatic mode will resume next time the hob is switched on.

- If you wish to operate the cooker hood manually for a complete cooking process, switch on the cooker hood fan before switching on the hob.
  If the cooker hood and the hob have been switched off for at least 30 seconds after cooking, automatic mode will resume the next time the hob is switched on.
Cooking without Con@ctivity 2.0 (Manual mode)
The cooker hood can be operated manually if:
– Con@ctivity 2.0 is not activated.
– You have temporarily deactivated Con@ctivity 2.0 (see "Leaving automatic mode temporarily").

Switch the fan on
■ Touch the On/Off control ①.
The fan will come on at power level 2.

Select the power level
For light to heavy cooking vapours and odours, select from power levels 1 to 3.
When frying or cooking food with a very strong aroma, select the Intensive setting IS.
■ Select the power level required by touching a control from 1 to IS.

Reducing power on the intensive setting
If Power management is activated (default), the fan automatically switches to level 3 after 5 minutes.

Selecting the run-on time
It is advisable to run the fan for a few minutes after cooking has finished. This helps to neutralise any lingering vapours and odours in the air. The run-on function allows the fan to continue for a pre-determined time before it switches itself off automatically.

■ After you have finished cooking, touch the run-on option control ⑤①①.
  – Once: the fan will switch itself off after 5 minutes (⑤ lights up).
  – Twice: The fan will switch itself off after 15 minutes (⑤ 15 lights up).
  – If you touch the run-on option control ⑤①① again, the fan will remain on (⑤ 15 will go out).

Switching the fan off
■ Use the On/Off control ① to switch the fan off.
Operation (Manual mode)

Switching the hob lighting on/off
The hob lighting can be switched on and off independently of the fan.
■ Touch the hob lighting control 🏆.

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

- If the Intensive setting is selected, the fan automatically switches to level 3 after 5 minutes.

- From levels 3, 2 or 1 the power will be reduced by one level after 2 hours and then in 30 minutes stages until the fan finally switches off.

- The hob lighting will switch off automatically after 12 hours.

Switching Power management on/off
■ Switch off the fan and the lighting.

■ Touch the run-on option control 🏆 for approx. 10 seconds, until 1 lights up in the power level display.

■ Then touch in turn,
  – the lighting control 🏆,
  – the 1 and then
  – 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.

■ Touch 1 to switch Power management off.
The 1 and IS indicators will flash.

■ Touch IS to switch it on.
The 1 and IS indicators will light up constantly.

■ Confirm the setting with the run-on option control 🏆.
All the indicator lamps will go out.
If you do not confirm within 4 minutes, the cooker hood will revert to the old setting.
Operating hours counter

The cooker hood registers the length of time it has been operated.

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 replacing 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 filter to suit the type of cooking you do.

The grease filter operating hours counter is set at the factory for 30 hours.

- Select a shorter time of 20 hours if you fry a lot.

- If you only cook occasionally we recommend that you still select a short time because grease which has built up gradually over a long period of time will harden on the filter and make cleaning more difficult.

- Select a longer time of 40 or 50 hours if you use very little fat for cooking.

■ Use the On/Off control ⚪️ to switch the fan off.

■ Touch the run-on option control ⌚️ and the Grease filter control ⚪️ at the same time.

The Grease filter symbol ⚪️ and one of the fan power level indicators will flash.

Fan power level indicators 1 to IS show the time set:

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

■ Touch the relevant control to select the duration required.

■ Confirm your choice by touching the Grease filter control ⚪️.

All the indicator lamps will go out.

If you do not confirm within 4 minutes, the cooker hood will revert to the old setting.
Operation (Automatic and Manual modes)

Activating and altering the charcoal filter operating hours counter
Charcoal filters are 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:

- Use the On/Off control to switch the fan off.
- Touch the run-on option control and the Charcoal filter control at the same time.

The Charcoal filter symbol and one of the fan power levels will flash.

Fan power level indicators 1 to IS show the time set:

1 ............................................. 120 hours
2 ............................................. 180 hours
3 ............................................. 240 hours
Is ............................................. Deactivated

- Touch the relevant control to select the duration required.
- Confirm your choice by touching the Charcoal filter control.

All the indicator lamps will go out.

If you do not confirm within 4 minutes, the cooker hood will revert to the old setting.

Reading the filter operating hours counter
To check the percentage of time set already used

- Touch the On/Off control to switch the fan on.
- Press and hold the Grease filter control or the Charcoal filter control.

One or more of the power level indicators will flash.

The number of fan power level indicators flashing shows the percentage of the operating time which has already been used up.

1 ................................................... 25 %
1 and 2 ........................................... 50 %
1 to 3 ........................................... 75 %
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 cut.
**Acoustic signal of the sensor controls**

When selecting a function with the sensor controls an acoustic signal will sound for confirmation.

The acoustic signal can be deactivated.

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

- Touch the IS and the Grease filter ② controls at the same time for approx. 5 seconds until a short acoustic signal is heard.

The acoustic signal function is now switched off.

- To reactivate the acoustic signal, follow the steps as per deactivating the signal.

When power is restored to the cooker hood after it has been disconnected from the mains electricity supply or after a power cut, the acoustic signal will be activated again, regardless of the previous setting.
Energy saving tips

This cooker hood 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 cooker hood 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 cooker hood power level and therefore benefit from reduced energy consumption.

– Use the Con@ctivity function. The cooker hood 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 cooker hood manually, please note the following:

  – Check the power level selected on the cooker hood. 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 cooker hood for longer to try to capture cooking vapours which have already been distributed throughout the kitchen.

– Make sure that you switch the cooker hood 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.
Before proceeding with any maintenance or cleaning task, the cooker hood must be disconnected from the power supply, see "Warning and safety instructions".

Housing

General information

The surfaces and controls are susceptible to scratches and abrasion.
Please observe the following cleaning instructions.

- All external surfaces and controls can be cleaned using hot water with a small amount of washing-up liquid applied with a well wrung-out soft sponge or cloth.

- 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

- 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 (available from Miele) can also be used. Follow the manufacturer's instructions on the packaging.

Important for appliances with lacquered housing

- Please observe the general notes on cleaning earlier in this section.

Minor scratches on the surface are inevitable when cleaning the housing. Depending on the lighting in the kitchen, this may negatively affect the appliance’s appearance.

Important for appliances with glass surfaces

- Glass surfaces can be cleaned using a proprietary non-abrasive cleaning agent designed specifically for use on glass.
Cleaning and care

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 cooker hood.

⚠️ An oversaturated filter is a fire hazard.

Cleaning interval
Grease which builds up over time will harden and make cleaning more difficult. The grease filters should be cleaned regularly (at least every 3 - 4 weeks) to avoid a build-up of grease.

The filter operating hours control reminds you to regularly clean the grease filters by illuminating the grease filter symbol 🎧.

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

Removing a grease filter
When handling a grease filter, be careful not to drop it. This can result in damage to the filter and the hob 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 "neat" 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, cream cleaners
- aggressive multi-purpose cleaning agents or spray cleaners for grease
- oven sprays
Cleaning and care

Cleaning the grease filters in the 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 standard household dishwasher detergent.
- Select a dishwasher programme with a wash temperature between 50°C and 65°C.

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

After cleaning

- After cleaning, leave the filters to dry on an absorbent surface before replacing 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.
- Replace the grease filters, making sure that the locking clips are facing down towards the hob.

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

Resetting the grease filter operating hours counter

After cleaning, the operating hours counter needs to be re-set.

- Whilst the fan is switched on, press the Grease filter control for approx. 3 seconds, until only the 1 is flashing.

The Grease filter symbol goes out.

If you want to clean the grease filters before the operating hours counter has reached its maximum,

- Touch the Grease filter control for approx. 6 seconds, until only the 1 is flashing.
Cleaning and care

Charcoal filter

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

Charcoal filters are available to order via the Miele Webshop or from the Miele Spare Parts Department (see end of this booklet for contact details). See technical data for type.

Fitting and replacing the charcoal filter

- Before fitting or replacing a charcoal filter, the grease filters must first be taken out (see previous section for instructions on how to do this).
- Take the charcoal filter out of its packaging.
- Insert the charcoal filter into the back of the charcoal filter frame, then push up into the frame at the front.
- Replace the grease filters.
- When fitting for the first time, activate the operating hours counter (see "Operation").

When to change the charcoal filter

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

The filter operating hours counter reminds you to replace the charcoal filter regularly by illuminating the charcoal filter symbol 🛒.

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

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

- Touch the Charcoal filter control for approx. 3 seconds with the cooker hood switched on until only the indicator light for level 1 is flashing.

The Charcoal filter symbol will go out.

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

- Touch the Charcoal filter control for approx. 6 seconds until only the indicator light for level 1 is flashing.

Disposing of charcoal filters

- Used charcoal filters can be disposed of with the normal household waste.
In the event of a fault which you cannot remedy yourself, please contact your Miele dealer or the Miele Service Department.

Contact details for Miele are given at the end of this booklet. N.B. A call-out fee will be charged for service visits where the problem could have been resolved as described in these instructions.

When contacting your dealer or Miele, please quote the model and serial number of your appliance. These are shown on the data plate.

**Position of the data plate**

The data plate is visible after removing the grease filters.

**Warranty: U.K.**

In the U.K., the appliance warranty is valid for 2 years from the date of purchase. However, you must activate your cover by calling 0330 160 6640 or registering online at www.miele.co.uk.

Please note that telephone calls may be monitored and recorded for training purposes.

**Warranty: Other countries**

For information on the appliance warranty specific to your country please contact Miele. See end of this booklet for contact details.
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 foil around them to protect them from transport damage.

- Please remove this foil 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.

- Unscrew the two fixing screws on the tower.

- Push the lever between the tower and the extension piece.

- Lever the tower out of its fixings.
Installation

Assembly parts
Installation instructions

1 3 protective sheets
   for use when fitting the tower.

2 1 exhaust socket
   for exhaust ducting Ø 150 mm.

3 1 reducing collar
   for exhaust ducting Ø 125 mm.

4 1 non-return flap
   for installation in the exhaust socket
   of the motor unit (not for recirculation mode). The non-return flap may already be fitted depending on model.

5 Telescopic wall bracket
   for securing the cooker hood to the wall.

6 Conversion kit for recirculation mode
   including directional unit, aluminium hose and hose clips (the conversion kit is not supplied. It has to be purchased separately - see "Technical data" for model number).

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

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 cooker hood.

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

2 screws 3.9 x 7.5 mm
for securing the tower.

1 lever
for dismantling the tower.

Installation instructions
The diagram is not drawn to scale.
Installation

1. Extraction
2. Recirculation
3. Ventilation grille positioned at the top for recirculation
4. (only 4 is required for recirculation mode cooker hoods): 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 cooker hoods only require an electrical connection socket.

Connection for air extraction Ø 150 mm, or Ø 125 mm with reducing collar.

Safety distance between hob and cooker hood (S)

When planning the installation height of your cooker hood, the minimum safety distance between the top of a cooker or hob and the bottom of the cooker hood is as follows, unless a greater distance is specified by the manufacturer of your cooking appliance. See "Warning and Safety" instructions for further information.

<table>
<thead>
<tr>
<th>Cooking appliance</th>
<th>Minimum distance S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric hob</td>
<td>450 mm</td>
</tr>
<tr>
<td>Electric grill, deep fat fryer (electric)</td>
<td>650 mm</td>
</tr>
<tr>
<td>Multi-burner gas hob, total output ( \leq ) 12.6 kW, no burner &gt; 4.5 kW</td>
<td>650 mm</td>
</tr>
<tr>
<td>Multi-burner gas hob, total output &gt; 12.6 kW and ( \leq ) 21.6 kW, no burner &gt; 4.8 kW.</td>
<td>760 mm</td>
</tr>
<tr>
<td>Multi-burner gas hob, total output &gt; 21.6 kW, or multi-burner gas hob where one burner &gt; 4.8 kW.</td>
<td>Not possible</td>
</tr>
<tr>
<td>Single burner gas hob, output ( \leq ) 6 kW.</td>
<td>650 mm</td>
</tr>
<tr>
<td>Single burner gas hob, output &gt; 6 kW and ( \leq ) 8.1 kW.</td>
<td>760 mm</td>
</tr>
<tr>
<td>Single burner gas hob, output &gt; 8.1 kW</td>
<td>Not possible</td>
</tr>
</tbody>
</table>
Installation

Installation recommendations

– When deciding on the safety distance between the hob and cooker hood, please note that a distance of 650 mm above electric cookers/hobs may be preferable to give more working space under the hood.

– Account should also be taken of the height of the person who will be using the hood most often. They should have sufficient space to work comfortably at the hob, and be able to reach the hood controls with ease.

– Please be aware that if positioned too high, extraction will be inefficient.

– To achieve optimum vapour extraction, the cooker hood must be positioned centrally over the hob, not to the side.

– The hob should be no wider than the cooker hood, and if possible, it should be narrower.

– The installation area must be easily accessible. The cooker hood 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 cooker hood.

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 Ø 5 mm).
Connection for air extraction

⚠️ If the cooker hood is used at the same time as a heating appliance that relies on oxygen from the same room, there is a risk in certain circumstances of toxic fumes building up. It is essential that the "Warning and Safety" instructions are observed. The cooker hood should be installed according to local and national building regulations. Seek approval from the building inspector where necessary.

Use smooth pipes or flexible ducting made from approved non-flammable materials for exhaust ducting.

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 most efficient air extraction with the lowest noise levels, please note the following:

- The diameter of the exhaust ducting should not be less than 150 mm.
- If flat ducting is being used, the cross section 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 must not be kinked or compressed.

- Ensure that all connections are strong and airtight.

Remember that any constriction of the air flow 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 flue, the ducting must be directed in the flow direction of the flue.

- Where 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 cooker hood.

- If the exhaust ducting is to run through rooms, ceiling space etc. 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.
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 for 125 mm or 150 mm ducting are available as optional accessories.

When installing a condensate trap, ensure that it is positioned vertically and as closely as possible above the exhaust socket.

The arrow on the housing indicates the direction of air-flow.

A condensate trap is integrated in cooker hoods which are designed for connection to an external motor (model......EXT).

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

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.
Connection for air extraction

Recirculation mode

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

Extraction mode 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 socket on the cooker hood 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.
All electrical work should be undertaken by a suitably qualified and competent person in strict accordance with current national and local safety regulations (BS 7671 in the UK).

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.

Do not connect the appliance to the mains electricity supply by an extension lead. These do not guarantee the required safety of the appliance.

The connection data is given on the data plate. This is visible when the grease filters have been removed. Ensure that this data matches the household mains supply.

Connection of this appliance should be made via a suitable isolator or a double pole fused spur connection unit which complies with national and local safety regulations and the On-Off switch should be easily accessible after the appliance has been built in. When switched off there must be an all-pole contact gap of 3 mm in the switch (including switch, fuses and relays according to EN 60335).

If the switch is not accessible after installation (depending on country), an additional means of disconnection must be provided for all poles.

For extra safety it is advisable to protect the appliance with a suitable residual current device (RCD). Contact a qualified electrician for advice.

**Important**

This appliance is supplied for connection to an a.c. 230 V single phase 50 Hz supply. The wires in the mains lead are coloured in accordance with the following code:

- Green/yellow ......................... earth
- Blue ............................................. neutral
- Brown ................................................ live

**WARNING:**

THIS APPLIANCE MUST BE EARTHED
Activating Con@ctivity 2.0

Installing the Con@ctivity 2.0 Stick

In order to use the Con@ctivity 2.0 function, the hob must first be fitted with the Con@ctivity 2.0 Stick.

■ Please read the separate installation instructions supplied with the Con@ctivity 2.0 Stick.

Activating Con@ctivity 2.0

Wireless connection must be activated between the hob and the cooker hood before the Con@ctivity 2.0 function can be used.

Both appliances must be installed and operational.

Wireless connection must be activated on the cooker hood and the hob at the same time. Activation on the cooker hood is described below. Activation on the hob is described in the relevant Operating and installation instructions. Please refer to the Operating instructions before starting. Activate the cooker hood first, then the hob.

Activating the cooker hood

■ The hob and cooker hood must be switched off.

■ Touch the run-on option control for approx. 10 seconds, until 1 lights up in the power level display.

■ Then touch in turn,
  – the 1 control,
  – then the IS control,
  – then the lighting control .

The cooker hood 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).

■ Touch the IS control to activate Con@ctivity 2.0.

The search for a signal will start.

■ Meanwhile, start activating the hob.
Activating the hob

- **While** the cooker hood is searching for a signal, start activating the hob. More information about this can be found in the Operating instructions for the hob.

- When the hob registers that connection has been established, confirm activation on the cooker hood with the run-on option control 5. All indicators will go out.

- Confirm activation on the hob.

Con@ctivity 2.0 is now ready to use.

If you do not confirm 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 cooker hood and hob, the function must be deactivated on both appliances and then the procedure repeated.

Deactivating Con@ctivity 2.0

- Deactivation of the cooker hood is carried out in the same way as activation, selecting the 1 control instead of the IS control.

- To deactivate the hob, 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

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan motor*</td>
<td>90 W</td>
</tr>
<tr>
<td>Hob lighting</td>
<td>3 x 3 W</td>
</tr>
<tr>
<td>Total connected load*</td>
<td>99 W</td>
</tr>
<tr>
<td>Voltage, frequency</td>
<td>AC 230 V, 50 Hz</td>
</tr>
<tr>
<td>Fuse rating</td>
<td>5 A</td>
</tr>
<tr>
<td>Mains connection cable length</td>
<td>1.5 m</td>
</tr>
<tr>
<td>Weight</td>
<td></td>
</tr>
<tr>
<td>DA 6690 W</td>
<td>26 kg</td>
</tr>
<tr>
<td>DA 6690 W EXT</td>
<td>23 kg</td>
</tr>
</tbody>
</table>

* For EXT models, the connected 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)

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wireless module: ZigBee</td>
<td></td>
</tr>
<tr>
<td>Frequency band</td>
<td>2.405 - 2.48 GHz</td>
</tr>
<tr>
<td>Maximum transmitting power</td>
<td>10 mW</td>
</tr>
</tbody>
</table>
Technical data

Conformity declaration
Miele hereby declares that this cooker hood complies with Directive 2014/53/EU.
The complete text of the EU declaration of conformity is available from one of the following internet addresses:
- Products, Download from www.miele.co.uk
- For service, information, operating instructions etc: go to www.miele.co.uk/domestic/customer-information-385.htm and enter the name of the product or the serial number

Note for test institutes
All information required regarding measuring noise levels is given in the "Testing for sound emissions" leaflet.
The latest version of this leaflet can be ordered by email from:
- testinfo@miele.de
Please quote your postal address, as well as the model and serial number of your cooker hood (see data plate).

Note for test institutes
Data quoted in the following data sheets was calculated in accordance with the following standards EN 61591 and EN 60704-3. The distance between the area being measured/hob and the underside of the cooker hood is 600 mm and the voltage 230 V for test purposes. Testing is carried out without a non-return valve.
# Data sheet for household cooker hoods

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

<table>
<thead>
<tr>
<th><strong>MIELE</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model name / identifier</strong></td>
<td>DA 6690 W</td>
</tr>
<tr>
<td><strong>Annual Energy Consumption (AEC\text{hood})</strong></td>
<td>30,8 kWh/year</td>
</tr>
<tr>
<td><strong>Energy efficiency class</strong></td>
<td>A+</td>
</tr>
<tr>
<td><strong>Energy efficiency index (EEI\text{hood})</strong></td>
<td>39,7</td>
</tr>
<tr>
<td><strong>Fluid Dynamic Efficiency (FDE\text{hood})</strong></td>
<td>37,8</td>
</tr>
<tr>
<td><strong>Fluid Dynamic Efficiency class</strong></td>
<td>A</td>
</tr>
<tr>
<td><strong>A (most efficient) to G (least efficient)</strong></td>
<td>A</td>
</tr>
<tr>
<td><strong>Lighting Efficiency (LE\text{hood})</strong></td>
<td>55,6 lx/W</td>
</tr>
<tr>
<td><strong>Lighting Efficiency class</strong></td>
<td>A</td>
</tr>
<tr>
<td><strong>A (most efficient) to G (least efficient)</strong></td>
<td>A</td>
</tr>
<tr>
<td><strong>Grease Filtering Efficiency</strong></td>
<td>95,1 %</td>
</tr>
<tr>
<td><strong>Grease Filtering Efficiency class</strong></td>
<td>A</td>
</tr>
<tr>
<td><strong>A (most efficient) to G (least efficient)</strong></td>
<td>A</td>
</tr>
<tr>
<td><strong>Airflow at best efficiency point</strong></td>
<td>351,2 m$^3$/h</td>
</tr>
<tr>
<td><strong>Air flow (min. speed)</strong></td>
<td>200 m$^3$/h</td>
</tr>
<tr>
<td><strong>Air flow (max. speed)</strong></td>
<td>300 m$^3$/h</td>
</tr>
<tr>
<td><strong>Air flow (intensive or boost setting)</strong></td>
<td>640 m$^3$/h</td>
</tr>
<tr>
<td><strong>Max. air flow (Q_{max})</strong></td>
<td>640 m$^3$/h</td>
</tr>
<tr>
<td><strong>Air pressure at best efficiency point</strong></td>
<td>404 Pa</td>
</tr>
<tr>
<td><strong>Airborne acoustical A-weighted sound power emissions (min. speed)</strong></td>
<td>38 dB</td>
</tr>
<tr>
<td><strong>Airborne acoustical A-weighted sound power emissions (max. speed)</strong></td>
<td>51 dB</td>
</tr>
<tr>
<td><strong>Airborne acoustical A-weighted sound power emissions (intensive or boost setting)</strong></td>
<td>63 dB</td>
</tr>
<tr>
<td><strong>Electrical power input at best efficiency point</strong></td>
<td>104,0 W</td>
</tr>
<tr>
<td><strong>Power consumption in off mode (P_o)</strong></td>
<td>W</td>
</tr>
<tr>
<td><strong>Power consumption in standby mode (P_s)</strong></td>
<td>0,15 W</td>
</tr>
<tr>
<td><strong>Nominal power of lighting system</strong></td>
<td>9,0 W</td>
</tr>
<tr>
<td><strong>Average illumination of the lighting system on the cooking surface</strong></td>
<td>500 lx</td>
</tr>
<tr>
<td><strong>Time increase factor</strong></td>
<td>0,6</td>
</tr>
</tbody>
</table>
## Data sheet for household cooker hoods

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

<table>
<thead>
<tr>
<th>MIELE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model name / identifier</strong></td>
<td>DA 6690 W EXT</td>
</tr>
<tr>
<td>Annual Energy Consumption ($AEC_{hood}$)</td>
<td>6,6 kWh/year</td>
</tr>
<tr>
<td>Energy efficiency class</td>
<td>A++</td>
</tr>
<tr>
<td>Energy efficiency index ($EEI_{hood}$)</td>
<td>32,4</td>
</tr>
<tr>
<td>Fluid Dynamic Efficiency ($FDE_{hood}$)</td>
<td>-</td>
</tr>
<tr>
<td>Fluid Dynamic Efficiency class</td>
<td>-</td>
</tr>
<tr>
<td>A (most efficient) to G (least efficient)</td>
<td>%</td>
</tr>
<tr>
<td>Lighting Efficiency ($LE_{hood}$)</td>
<td>55,6 lx/W</td>
</tr>
<tr>
<td>Lighting Efficiency class</td>
<td>A</td>
</tr>
<tr>
<td>A (most efficient) to G (least efficient)</td>
<td>A</td>
</tr>
<tr>
<td>Grease Filtering Efficiency</td>
<td>%</td>
</tr>
<tr>
<td>Grease Filtering Efficiency class</td>
<td>-</td>
</tr>
<tr>
<td>Airflow at best efficiency point</td>
<td>m$^3$/h</td>
</tr>
<tr>
<td>Air flow (min. speed)</td>
<td>m$^3$/h</td>
</tr>
<tr>
<td>Air flow (max. speed)</td>
<td>m$^3$/h</td>
</tr>
<tr>
<td>Air flow (intensive or boost setting)</td>
<td>m$^3$/h</td>
</tr>
<tr>
<td>Max. air flow ($Q_{max}$)</td>
<td>m$^3$/h</td>
</tr>
<tr>
<td>Air pressure at best efficiency point</td>
<td>Pa</td>
</tr>
<tr>
<td>Airborne acoustical A-weighted sound power emissions (min. speed)</td>
<td>dB</td>
</tr>
<tr>
<td>Airborne acoustical A-weighted sound power emissions (max. speed)</td>
<td>0 dB</td>
</tr>
<tr>
<td>Airborne acoustical A-weighted sound power emissions (intensive or boost setting)</td>
<td>dB</td>
</tr>
<tr>
<td>Electrical power input at best efficiency point</td>
<td>W</td>
</tr>
<tr>
<td>Power consumption in off mode ($P_o$)</td>
<td>W</td>
</tr>
<tr>
<td>Power consumption in standby mode ($P_s$)</td>
<td>0,15 W</td>
</tr>
<tr>
<td>Nominal power of lighting system</td>
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</tr>
<tr>
<td>Average illumination of the lighting system on the cooking surface</td>
<td>500 lx</td>
</tr>
<tr>
<td>Time increase factor</td>
<td>-</td>
</tr>
</tbody>
</table>
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