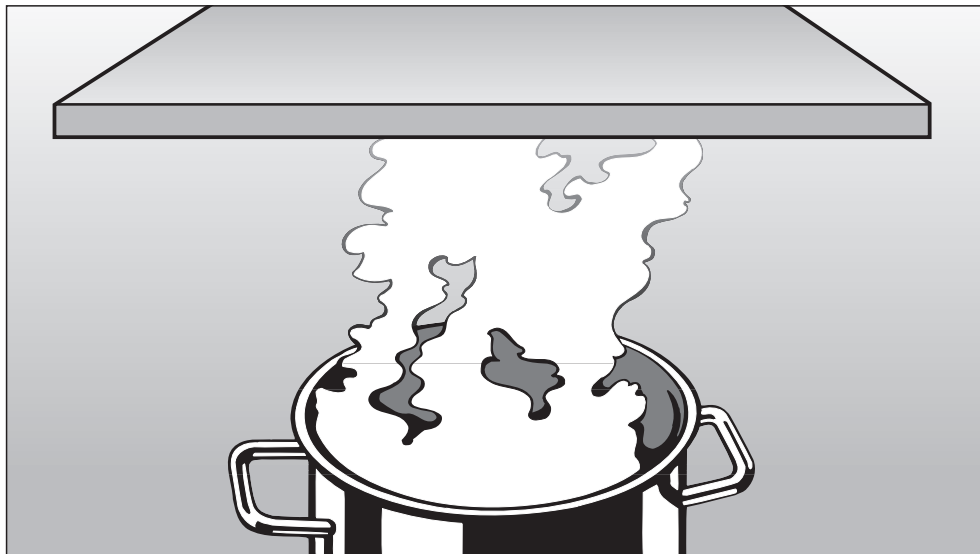


Operating and installation instructions



Cooker hoods DA 426

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



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Disposal of the packing material

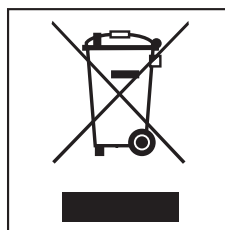
The transport and protective packing has been selected from materials which are environmentally friendly for disposal, and can normally be recycled.

Packaging (e.g. cling film, polystyrene) and plastic wrappings must be kept out of the reach of babies and young children. Danger of suffocation!

Dispose of or recycle all packaging materials safely as soon as possible.

Disposal 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. 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 and ensure that it presents no danger to children while being stored for disposal.

It should be unplugged or disconnected from the mains electricity supply by a competent person. If connected by a plug, the plug must be rendered useless and the cable cut off directly behind the appliance to prevent misuse. See the "Warning and Safety" section of this booklet for further details.

Warning and Safety instructions

This appliance complies with all relevant legal 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 information on the safety, installation, use and maintenance of the appliance.

Keep these operating 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 usage

This appliance is intended for domestic use only.

The manufacturer cannot be held liable for damage caused by improper or incorrect use of the appliance.

Technical safety

Before connecting the appliance to the mains supply, make sure that the voltage and frequency details given on the data plate correspond with the on-site electricity supply; otherwise the appliance could get damaged. Consult a qualified electrician if in any doubt.

The electrical safety of this appliance can only be guaranteed when continuity is complete between the appliance and an effective earthing system which complies with local and national safety regulations. It is most important that this basic safety requirement is present and regularly tested, and where there is in any doubt, the household wiring system should be inspected by a qualified electrician. The manufacturer cannot be held liable for the consequences of an inadequate earthing system (e.g. electric shock).

Installation, maintenance and repair work may only be carried out by a suitably qualified and competent person in accordance with national and local safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work.

Ensure that current is not supplied to the appliance until after maintenance or repair work has been carried out.

This equipment may only be installed in mobile installations such as ships, caravans, aircraft etc. if a risk assessment of the installation has been carried out by a suitably qualified engineer.

Warning and Safety instructions

■ The appliance is only completely isolated from the electricity supply when:

- it is switched off at the wall socket and the plug removed,
- the fuse from the fused spur connection unit is withdrawn, or
- the screw-out fuse is removed (in countries where this is applicable).

■ Do not connect the appliance to the mains electricity supply by an extension lead.

Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating).

Use

■ Never use an open flame beneath the cooker hood. To avoid the danger of fire, do not flambé or grill over an open flame under the cooker hood. When switched on, the cooker hood could draw flames into the filter. Fat particles drawn into the cooker hood present a fire hazard.

■ When using the cooker hood over a gas hob, ensure that any burners in use are always covered by a pan; otherwise flames could be drawn up by the suction of the cooker hood, parts of which could then be damaged.

■ Always switch the cooker hood on when a cooking zone is in use, otherwise condensation may collect in the hood, 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 cooker hood on fire.

■ Do not use the cooker hood without the grease filters in place. This way you will avoid the risk of grease and dirt getting into the appliance and hindering its smooth operation.

■ The filters should be regularly cleaned or changed as appropriate. Saturated filters are a fire hazard. See "Cleaning and care".

■ Do not use a steam-cleaner to clean this appliance. Pressurised steam could reach the electrical components and cause a short circuit.

Warning and Safety instructions

Safety with children

■ The appliance is only intended for use by adults who have read these operating instructions.

■ This appliance is not a toy! To avoid the risk of injury keep children well away and do not let them play with it or use the controls. They will not understand the potential dangers posed by it. They should be supervised whenever you are working in the kitchen.

■ Older children may use the appliance only when its operation has been clearly explained to them, and they are able to use it safely, recognising the dangers of misuse.

Supervise its use by the elderly or infirm.

■ Please be aware that on appliances with halogen lighting, the lamps will get very hot during use and remain hot for some time after switching off. To safeguard against burning, keep children well away from the lamps at all times.

■ Packaging (e.g. cling film, polystyrene) and plastic wrappings must be kept out of the reach of babies and young children. Danger of suffocation! Dispose or recycle all packaging materials safely as soon as possible.

Installation

■ The minimum safety distance between the top of the cooker/hob and the bottom of the cooker hood should be at least:

- 450 mm above electric hobs and cookers,
- 650 mm above gas hobs and cookers,
- 650 mm above an open grill from our range.

For non-Miele cooking appliances, maintain the safety distance as recommended by the manufacturer in their Installation and Operating instructions.

If more than one appliance is fitted beneath the cooker hood, and they have different minimum safety distances to the cooker hood, select the greater distance.

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

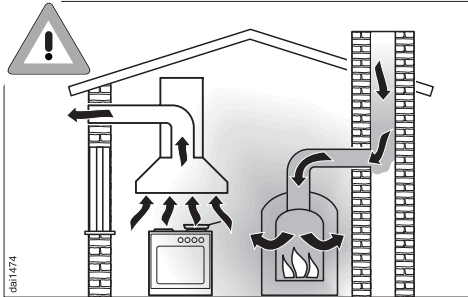
■ All ducting, pipework and fittings must be of non-flammable materials. These can be obtained from the Miele Spare Parts department or from builders' merchants.

■ 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.

Warning and Safety instructions

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

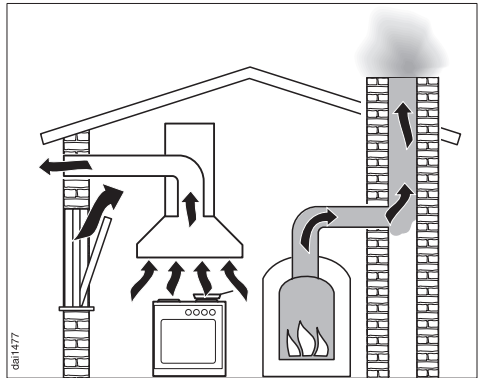


Warning - danger of toxic fumes

Great care should be taken when using the cooker hood 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 hobs, cookers 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, 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 may be starved of oxygen, impairing combustion.

Harmful gases such as carbon monoxide could be drawn out of the chimney or extraction ducting back into the room with potentially fatal consequences.

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 extractor 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 and outside wall vents, or by other technical measures, such as ensuring that the extractor 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 "Corgi" installer, must be sought.

Warning and Safety instructions

If the only way of ensuring adequate ventilation is via an open window, then a window contact switch should be fitted.

The window contact switch ensures that the cooker hood can only operate when the window is opened sufficiently. A window contact switch kit is available from good builders' merchants.

Take care when ventilating the room through an open window that ventilation is not impaired by a closed blind or curtain.

If the hood is being operated in recirculation mode, the above restrictions do not apply.

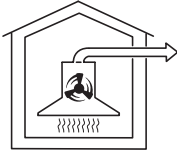
Disposal of your old appliance

 Before discarding an old appliance, switch off and disconnect it from the power supply. Cut off and render any plug useless. Cut off the cable directly behind the appliance to prevent misuse. This should be done by a competent person.

The manufacturer cannot be held liable for damage caused by non-compliance with these Warning and Safety instructions.

The cooker hood works with

... air extraction:



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

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

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

... air recirculation:

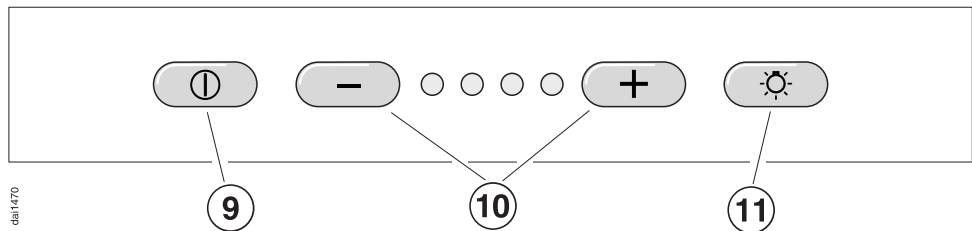
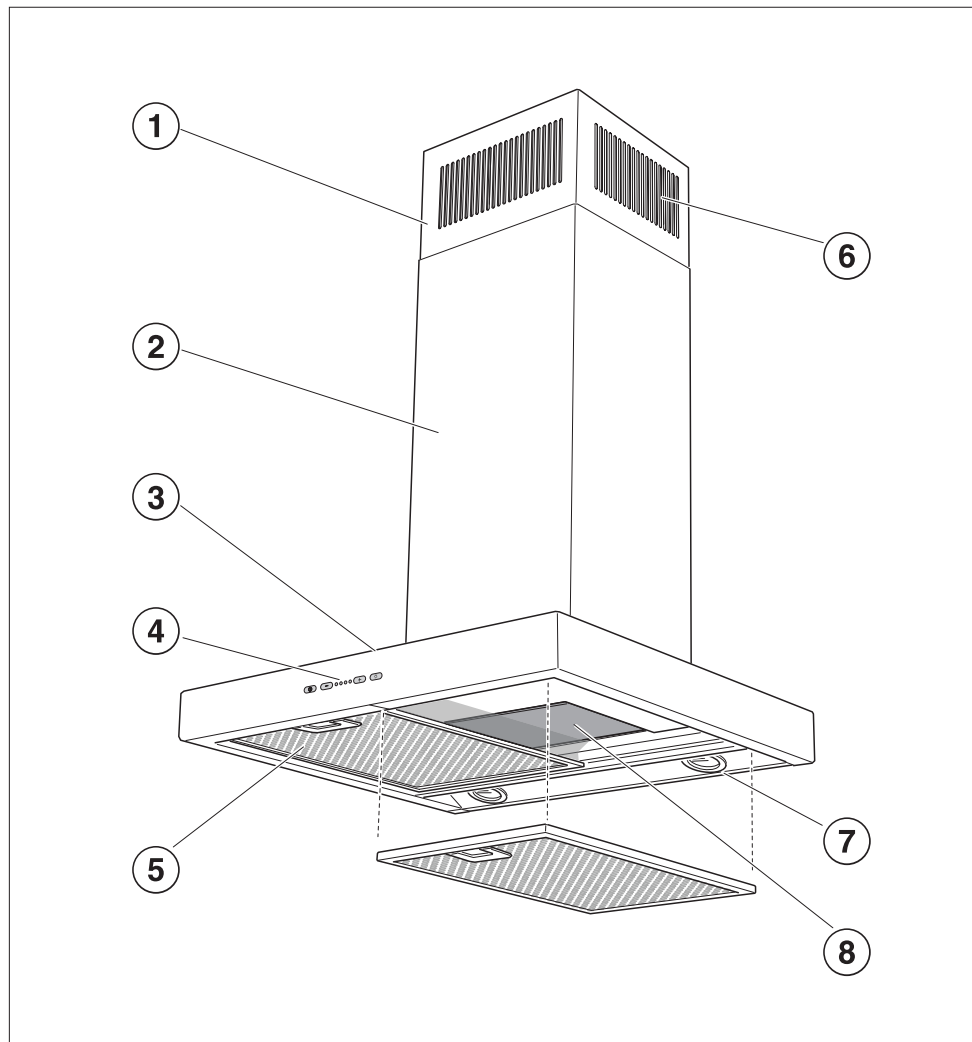


The air is drawn in and cleaned first by the grease filters and then by a **charcoal filter**. The cleaned air is then recirculated back into the kitchen through grilles in the top of the cooker hood extension piece.

Charcoal filters are available to order through your Dealer or the Miele Spare Parts Dept (see back cover for contact details and "Technical data" for model number).

Before using the cooker hood in recirculation mode, ensure that the charcoal filter is in place, see "Cleaning and care".

Guide to the appliance



dat 470

① **Extension piece**

② **Tower**

③ **Canopy**

④ **Touch controls**

⑤ **Grease filters**

⑥ **Recirculation grille**

(only for recirculation mode)

⑦ **Hob lighting**

⑧ **Charcoal filter**

(special accessory for recirculation mode)

⑨ **On/Off touch control for the fan**

⑩ **Controls to select fan power level**

⑪ **On/Off touch control for hob lighting**

Operation

To switch the fan on



- Press the On/Off touch control.

The fan will come on at power level "II".

Selecting the power level



- Use the – / + controls to select the power level required.

Touch control + = higher setting

Touch control – = lower setting

Depending on the intensity of the cooking vapours, levels "I" to "III" (green indicator lights) are usually sufficient for normal cooking.

Intensive setting

When frying or cooking food with a strong aroma, you may wish to select the Intensive setting (yellow indicator light) for a short period.

To switch the fan off

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

It is advisable to run the fan for a few minutes after cooking is finished to neutralise any lingering odours in the air, whether you are using air extraction or recirculation mode.

Switching the lighting on and off

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



- Press the touch control for the hob lighting.

Before carrying out any cleaning or maintenance work, disconnect the cooker hood from the mains supply. Ensure that:

- it is switched off at the wall socket and the plug removed (do not pull on the cable, only on the plug), or
- the fuse is withdrawn from the fused spur connection unit, or
- the mains fuse is withdrawn, or
- the screw-out fuse is removed (in countries where this is applicable).

Housing

General notes

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

- All external surfaces and controls can be cleaned using warm water with a little washing up liquid applied with a well wrung-out soft sponge or cloth.
- Wipe the surfaces dry using a soft cloth.

Do not use too much water when cleaning the controls. Water could penetrate into the electronics and cause damage.

Avoid:

- 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.

E-Cloth

A microfibre "E-Cloth" is available from the Miele UK Spare Parts Department which is suitable for cleaning surfaces such as stainless steel, glass, plastic and chrome without the use of chemicals. It can be washed 300 times.

Important for appliances with stainless steel housing

(This information does not apply to the controls).

Stainless steel surfaces can be cleaned using a proprietary non-abrasive cleaning agent designed specifically for use on stainless steel. Follow the manufacturer's instructions on the packaging.

To help prevent re-soiling, proprietary conditioning agents for stainless steel can also be used. Apply sparingly with an even pressure in the direction of the grain.

Cleaning and care

Controls

The controls may suffer discolouration or damage if soiling is left on them for too long. Remove soiling straight away.

Observe the General notes on cleaning earlier in this section.

Do not use stainless steel cleaning agents on the controls.

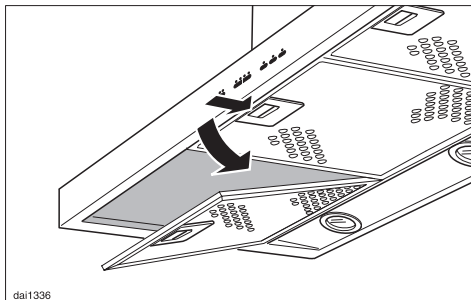
Grease filters

Re-usable metal filters are fitted which remove solid particles (oil, dust, etc.) from the kitchen vapours, preventing soiling of the cooker hood.

Clean the grease filters when they look dirty, and avoid letting them become so dirty that the filtering effect is inefficient.

To avoid the build-up of grease, the grease filters should be cleaned every 3-4 weeks.

An oversaturated filter is a fire hazard.



- To take out a grease filter, press the locking clip in towards the middle of the filter. Holding carefully, lower and remove the filter.

Take care not to let it fall onto the hob below!

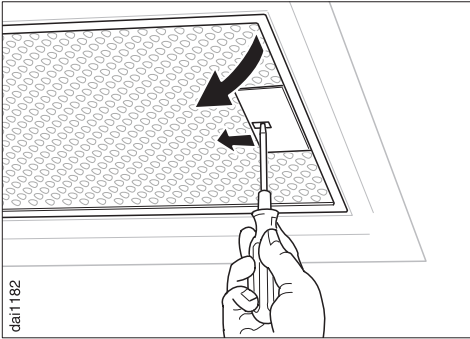
- Clean the filters
 - **by hand:** with a soft nylon brush, warm water and a little washing up liquid.
 - **in a dishwasher:** place the filters with the short side upright in the lower basket, ensuring the spray arm is not obstructed. Wash on a 65° programme.

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

- After cleaning, leave the filters to dry on an absorbent surface before replacing them.

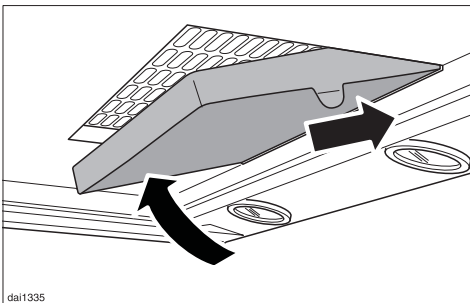
When removing the filters for cleaning, also clean off any residues of oil or fat from the now accessible housing to prevent the risk of fire.

When putting the grease filters back in position, ensure that the locking clips are facing down towards the hob.



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

Fitting and replacing the charcoal filter



If the cooker hood is connected for recirculation, a charcoal filter must be inserted in addition to the grease filters. It is designed to absorb cooking odours.

It is fitted in the canopy above the grease filters.

Replacement charcoal filters can be obtained from your dealer or the Miele Spare Parts Department. See back cover for contact details, and "Technical Data" for model number.

- 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.
- Fit the charcoal filter into the bracket.

Replace the charcoal filter when it no longer absorbs kitchen odours effectively.

It should, however, be replaced at least every 6 months.

Used charcoal filters can be disposed of with the normal household waste.

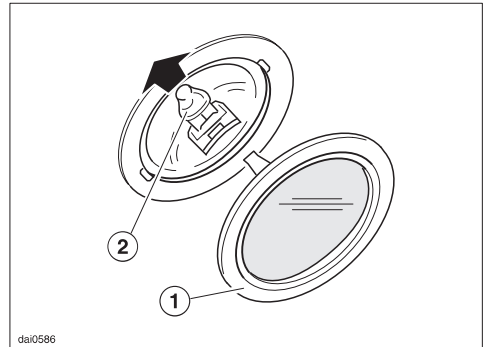
Cleaning and care

Changing a halogen lamp

Before any cleaning or maintenance work, disconnect the cooker hood from the mains supply. Ensure that:

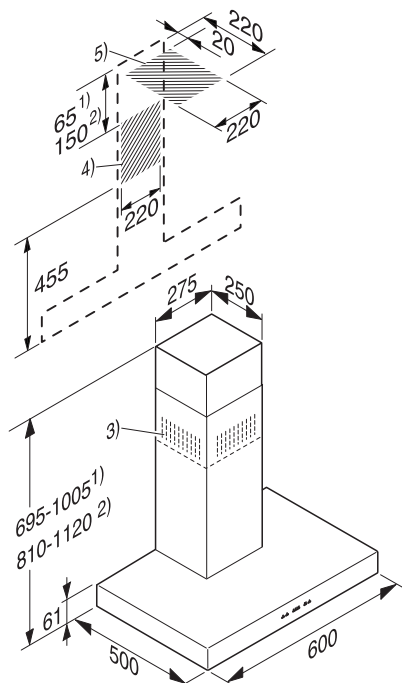
- it is switched off at the wall socket and the plug removed (pull on the plug, not the cable), or
- the fuse is withdrawn from the fused spur connection unit, or
- the mains fuse is withdrawn, or
- the screw-out fuse is removed (in countries where this is applicable).

Exercise caution when changing halogen lamps. They get very hot during use and remain hot for some time after being switched off. Do not touch the surface directly when changing a lamp, as grease particles from your fingers will adhere to the surface and damage it. Please follow the manufacturer's instructions.



- To access the halogen lamp, first remove the lamp cover ①.
- Pull the old halogen lamp ② out of its socket and replace it with a new one.
- Replace the lamp cover ① carefully, making sure it engages securely in position.

Never use the lighting without the lamp cover ① in place; it has a filter designed to cut out harmful rays.



1) Extraction

2) Recirculation

3) Ventilation grille position for recirculation

4) and 5)

The shaded areas represent the wall or ceiling area for the vent cut-out, and for fitting the connection socket.

For recirculation mode, you only require cut-out area 4) and a connection socket.

Connection for extraction Ø 125 mm

Safety distance between hob and cooker hood (S)

For safety reasons a minimum safety distance must be maintained between the top of the cooker/hob and the bottom of the cooker hood:

- 450 mm above electric cookers/hobs
- 650 mm above gas cookers/hobs
- 650 mm above an open grill from the Miele range.

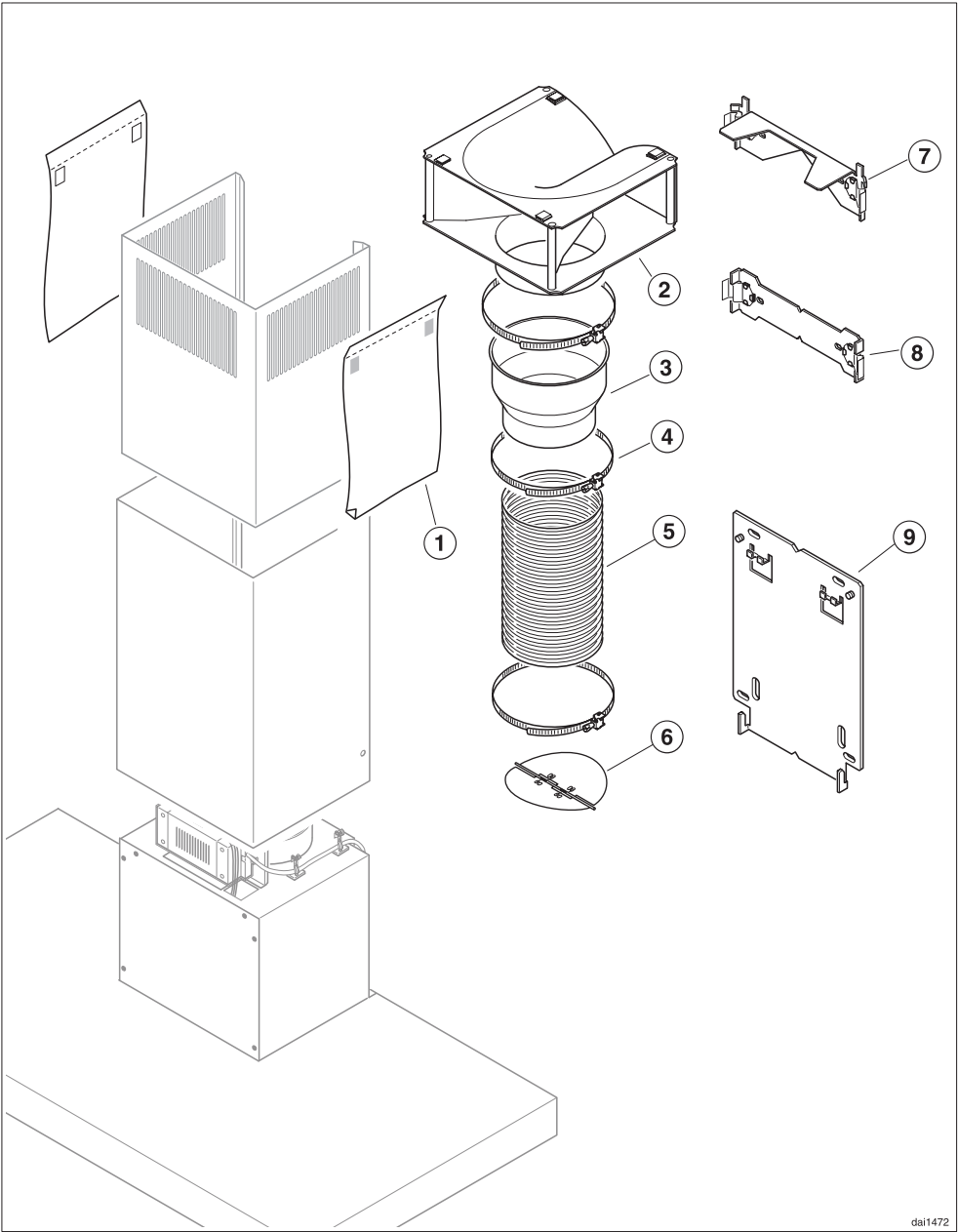
See the Warning and safety instructions for further information.

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.
- with a ceiling mounted hood you must make sure that there is sufficient space below the hood to maintain the correct safety distance.

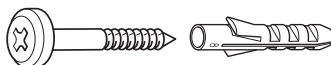
Installation

Assembly parts



dsl1472

- ① **2 protective sheets**
for use when fitting the tower.
- ② **1 directional unit**
(for recirculation mode only)
- ③ **1 reducing collar** for connecting
the exhaust ducting to the directional
unit
- ④ **3 hose clips** for securing the
exhaust ducting.
- ⑤ **1 flexible aluminium hose** for
connection the directional unit to the
exhaust socket on the motor unit
- ⑥ **1 non-return valve** for fitting into the
exhaust socket on the motor unit (for
extraction mode only)
- ⑦ **Upper retaining plate** for securing
the extension piece.
- ⑧ **Middle retaining plate** for securing
the extension piece.
- ⑨ **Lower retaining plate** for securing
the appliance unit.



8 screws 5 x 40 mm and
8 x S 8 plugs for securing the retaining
plates to the wall.

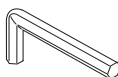
The screws and plugs are designed
for use in solid walls.
For other types of wall construction,
alternative suitable fixings will be
required.
Make sure the wall is strong enough
to bear the weight of the cooker
hood.



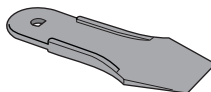
2 x M 6 self-tapping nuts for securing
the appliance.



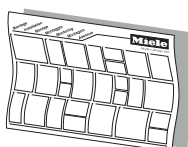
2 screws 3.9 x 7.5 mm for securing the
tower



1 hexagonal (Allen) key
for adjusting the appliance height



1 lever for dismantling the tower



Installation instructions

Installation

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

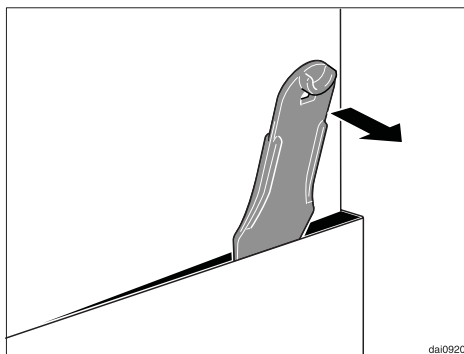
Installation instructions

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 loosening the fixing screws on the tower, push the lever between the tower and the extension piece to lever the tower out of its fixings.

In the event of a fault which you cannot correct yourself, or if the appliance is under guarantee, please contact:

- Your Miele Dealer

or

- The Service Department (see back cover for address).

When contacting your Dealer or the Service Department, please quote the model and serial number of your appliance. These are shown on the data plate which is visible when the grease filter is removed.

Please note that telephone calls may be monitored and recorded to improve our service.

Connection for air extraction

Important: To avoid the danger of toxic fumes, please observe the Warning and Safety instructions. This is especially crucial when using the cooker hood at the same time as another heating appliance which relies on air from the same room. The cooker hood should be installed according to local building regulations. Seek approval from the building inspector where necessary.

- All ducting, pipework and fittings must be of non-flammable materials
- The exhaust ducting should be as short and straight as possible.
- To ensure efficient air extraction the diameter of the exhaust ducting should not be less than 125 mm.

If exhaust ducting with a diameter of less than 125 mm or flat ducting were used, the noise level of the cooker hood would increase and extraction would be less efficient.

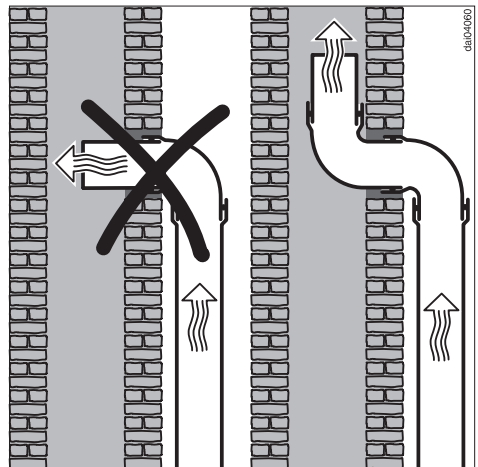
Only reduce the diameter of the ducting if absolutely necessary, e.g. where narrower ducting has already been installed.

- Only use wide radius bends. Tight bends reduce the air throughput of the cooker hood.
- Only use smooth pipes or flexible hoses made from non-flammable materials for extraction connection.

- 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 air is to be ducted into the open air, the installation of a telescopic wall vent 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.

Important:

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 from builders' merchants.

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

Electrical connection

All electrical work should be undertaken by a suitably qualified and competent person in strict accordance with national and local safety 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.

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 voltage and connected load are given on the data plate. This is visible when the grease filters have been removed. Ensure that these match 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 60 335).

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 install a residual current device (RCD) with a trip current of 30 mA.

Important

U.K., IRL, NZ, ZA: This appliance is supplied for connection to an a.c. 230 V single phase 50 Hz supply.

AUS: This appliance is supplied for connection to an a.c. single phase 240 V, 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

Total rated load	190 W
- Fan motor	150 W
- Hob lighting	2 x 20 W
Voltage.	AC 230 V
Frequency.	~ 50 Hz
Fuse rating (UK).	3 A
Electrical cable length	1.5 m

Fan performance

Extraction power according to EN 61591

Extraction system Ø 125 mm:

Level I	200 m ³ /h
Level II.	290 m ³ /h
Level III	380 m ³ /h
Intensive level	485 m ³ /h
Unrestricted.	560 m ³ /h

Recirculation with charcoal filter:

Level I	150 m ³ /h
Level II.	220 m ³ /h
Level III	300 m ³ /h
Intensive level	360 m ³ /h

Charcoal filter:

Miele charcoal filter DKF 11

United Kingdom:

Miele Co. Ltd.
Fairacres, Marcham Road
Abingdon, Oxon, OX14 1TW
tel. Abingdon (01235) 554455
Service Office: (01235) 554466
fax (01235) 554477
Internet: www.miele.co.uk

Ireland:

Miele Ireland Ltd.
Broomhill Road, Tallaght, Dublin 24
Tel: (01) 46 10 710, Fax: (01) 46 10 797
Email: info@miele.ie
Internet: <http://www.miele.ie>

Australia:

Miele Australia Pty. Ltd.
A.C.N. 005635398
1 Gilbert Park Drive
Knoxfield, VIC 3180
Telephone: (03) 9764 7100
Fax: (03) 9764 7129
Internet: www.miele.com.au

Distributor New Zealand:

Steelfort Engineering Company. Ltd.
500 Rangitikei Street
Palmerston North, Priv. Bag 11045, NZ
Telephone: (06) 350 1350
Fax: (06) 356 1507

South Africa:

Miele (Pty) Ltd
63 Peter Place
Bryanston 2194
P.O. Box 69434
Bryanston 2021
Tel.: (011) 548 1900
Telefax (011) 548 1935
Internet: www.miele.co.za
E-mail: info@miele.co.za

Singapore:

Miele Southeast Asia
Miele Pte. Ltd.
163 Penang Road
04 - 02/03 Winsland House II
Singapore 238463
Tel : +65-67351191
Fax: +65-67351161
Email: infosea@miele.com.sg

Hong Kong:

Miele (Hong Kong) Limited
AIA Plaza, 24th Floor
18 Hysan Avenue
Causeway Bay
Hong Kong
Tel.: (852) 2610 1331
Fax: (852) 2610 1013
E-mail: mielehk@miele.com.hk