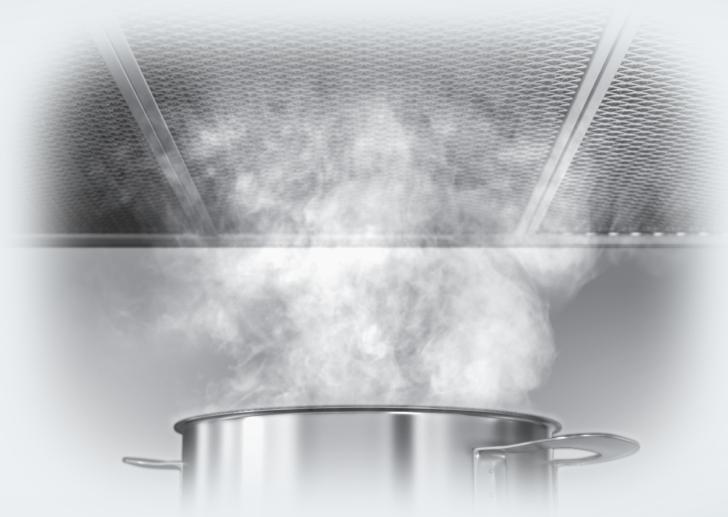


# Operating and Installation Instructions Ventilation System



To prevent accidents and damage to the appliance, you **must** read these instructions before installing the appliance and using it for the first time.

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# IMPORTANT SAFETY INSTRUCTIONS

## READ AND SAVE THESE INSTRUCTIONS

This appliance complies with current safety requirements. Improper use of the appliance can lead to personal injury and material damage.

Read all instructions before installing or using the appliance for the first time. Only use the appliance for its intended purpose.

Keep these operating instructions in a safe place and pass them on to any future user.

### **Appropriate use**

- ▶ **CAUTION:** For General Ventilating Use Only. Do Not Use To Exhaust Hazardous Or Explosive Materials And Vapors.
- ▶ This appliance is intended for residential use only. Use only as described in these operating instructions.
- ▶ This ventilation hood is not intended for outdoor use.
- ▶ It must only be used to extract and clean vapors produced during cooking. Any other use occurs at the owner's own risk.
- ▶ This appliance is suitable for installation above gas or electric cooking surfaces.
- ▶ Persons who lack physical, sensory or mental abilities, or experience with the appliance should not use it without supervision or instruction by a responsible person.

# IMPORTANT SAFETY INSTRUCTIONS

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## Safety with children

- ▶ As with any appliance, close supervision is necessary when used by children.
- ▶ Please supervise children in the vicinity of the hood and do not let them play with it.
- ▶ The LED ClearView lighting is very intense. Ensure that especially babies/small children don't look into the light.
- ▶ Danger of suffocation! Ensure that any plastic wrappings, bags, etc. are disposed of safely and kept out of the reach of children.

## Technical safety

- ▶ **WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**
  - Use this appliance only in the manner intended by the manufacturer. If you have questions, contact Miele.
  - Before servicing or cleaning the appliance, switch power off at the service panel and lock the service disconnecting means to prevent power from being switched on accidentally. If the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
- ▶ Unauthorized installation, maintenance, and repairs can cause considerable danger for the user. Installation, maintenance, and repairs must only be carried out by a Miele authorized technician.
- ▶ A damaged ventilation hood can be dangerous. Always check for visible signs of damage. Never use a damaged ventilation hood.
- ▶ Be certain your appliance is properly installed and grounded by a qualified technician. To guarantee the electrical safety of this appliance, continuity must exist between the appliance and an effective grounding system. It is imperative that this basic safety requirement be met. If there is any doubt, have the electrical system of the house checked by a qualified electrician.

## IMPORTANT SAFETY INSTRUCTIONS

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- ▶ Reliable and safe operation of this hood can only be guaranteed if it has been connected to the electrical supply.
- ▶ To avoid damaging the ventilation hood, make sure that the connection data (voltage and frequency) on the data plate correspond to the building's power supply before connecting the appliance.  
If in doubt, consult a qualified electrician.
- ▶ Do not use a power bar or extension cord to connect the ventilation hood to electricity. These are a fire hazard and do not guarantee the required level of appliance safety.
- ▶ To ensure safe operation, only use the ventilation hood after it has been properly installed.
- ▶ This ventilation hood may not be used in non-stationary locations (e.g. on a ship).
- ▶ Adequate ventilation must be provided when the hood is operated simultaneously with devices that burn gas or other fuels.
- ▶ Only open the housing as described in the enclosed "Installation diagram" and in the "Cleaning and care" section of this manual. Under no circumstances should any other parts of the housing be opened.  
Tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operation faults.
- ▶ Defective components should be replaced by Miele original parts only. Only with these parts can safety of the appliance be assured as intended by the manufacturer.
- ▶ If the power cord is damaged, it must only be replaced by a qualified service technician.

## IMPORTANT SAFETY INSTRUCTIONS

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▶ During installation, maintenance, and repair work, the ventilation hood must be disconnected from the electrical supply. It is only completely isolated from the electricity supply if one of the following applies:

- The circuit breakers on the electrical service panel are tripped.
- The screw-type fuses on the electrical service panel have been removed.
- The power cord (if present) has been unplugged from the socket (pull the plug not the cord).

### Correct use

▶ **WARNING: TO REDUCE THE RISK OF A COOKTOP GREASE FIRE:**

- a) Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers may ignite. Heat oils slowly on low or medium settings.
- b) Always turn the hood on when cooking at a high heat.
- c) Clean the ventilation hood frequently. Grease should not be allowed to accumulate on the fan or filter.
- d) Use the proper pan size. Always use cookware appropriate for the size of the cooking area.

▶ Never use an open flame beneath the ventilation hood.

To avoid the risk of fire, do not flambé or grill over an open flame. When turned on, the ventilation hood will draw any flames into the filter. Fat deposits may ignite.

▶ **WARNING: TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A COOKTOP GREASE FIRE, OBSERVE THE FOLLOWING\*:**

- a) **SMOTHER FLAMES** with a close fitting lid, cookie sheet, or metal tray then turn off the burner. **BE CAREFUL TO PREVENT BURNS.** If the flames do not go out immediately, **EVACUATE AND CALL THE FIRE DEPARTMENT.**

## IMPORTANT SAFETY INSTRUCTIONS

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- b) NEVER PICK UP A FLAMING PAN - You may be burned.
- c) DO NOT USE WATER, including wet dishcloths or towels - a violent steam explosion will result.
- d) Use a fire extinguisher ONLY if:
  - 1) You have a class ABC extinguisher, and you know how to operate it.
  - 2) The fire is small and contained in the area where it started.
  - 3) The fire department is being called.
  - 4) You can fight the fire with your back to an exit.

\*Based on “Kitchen Fire Safety Tips” published by NFPA.

- ▶ The ventilation hood may become damaged if exposed to excessive heat from a gas cooktop.
  - When using the ventilation hood over a gas cooktop, ensure that any burners in use are always covered by cookware. Turn burners off when removing the cookware, even if doing so for just a short time.
  - Select cookware that is suitable for the size of the burner.
  - Adjust the flame so that it never extends up the sides of the cookware.
  - Avoid overheating the cookware (e.g., when cooking with a wok).
- ▶ Always turn the ventilation hood on whenever a burner is in use to prevent damage from condensation.
- ▶ Overheated oil and fat can ignite, causing fire damage to the ventilation system.

Do not leave cookware, pans, and deep fryers unattended when cooking with oil or fat. Similarly, never leave an open grill unattended when grilling.
- ▶ Fat and debris deposits impair the proper functioning of the ventilation hood.

To ensure that cooking vapors are properly cleaned, never use the ventilation hood without the grease filters in place.

# IMPORTANT SAFETY INSTRUCTIONS

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▶ There is a risk of fire if cleaning is not completed according to the instructions in this manual.

▶ Please note that the heat rising from the stovetop during cooking can cause the ventilation hood to become very hot.

Do not touch the housing or the grease filters until the ventilation hood has cooled down.

## Proper installation

▶ **WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

- a) Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
  - b) Sufficient air is needed for combustion and exhausting of gases through the flue (chimney of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA) and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
  - c) When cutting or drilling into the wall or ceiling, do not damage electrical wiring and other hidden utilities.
  - d) Ducted hoods must always be vented to the outdoors.
  - e) Do not use this hood with any solid-state speed control device.
- ▶ To determine whether a ventilation hood may be operated above your cooking appliance, please refer to the information provided by the appliance's manufacturer.
- ▶ Safety regulations prohibit the installation of a ventilation hood over solid fuel stoves.

## IMPORTANT SAFETY INSTRUCTIONS

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- ▶ An insufficient safety distance between the cooktop and the ventilation hood can result in damage to the ventilation hood. The minimum safety distances between the top of the cooktop and the bottom of the ventilation hood given in the “Installation” section of this booklet must be observed, unless the cooktop manufacturer states that a greater safety distance is required. If more than one cooking appliance is installed beneath the ventilation hood, and they have different minimum safety distances to the ventilation hood, select the greater distance.
- ▶ Be sure to observe the information contained in the “Installation” section when mounting the ventilation hood.
- ▶ Metal parts can have sharp edges which may cause injury. Wear gloves to protect your hands from being cut.
- ▶ When installing the exhaust duct, only use pipes or tubes made of non-flammable material. These can be obtained from your Miele dealer or from Miele Technical Service.
- ▶ Exhaust air should not be vented into a chimney or vent flue which is otherwise in use and should not be channeled into ducting which ventilates rooms with fuel-burning installations.
- ▶ If exhaust air is to be extracted into a chimney or ventilation duct no longer used for other purposes, seek professional advice.
- ▶ **WARNING: TO REDUCE THE RISK OF FIRE USE ONLY METAL DUCTWORK.**

### **Cleaning and maintenance**

- ▶ Never use a steam cleaner to clean the ventilation hood. The steam can reach the electrical components and cause a short circuit.

### **Accessories**

- ▶ Use only genuine original Miele parts. If parts or accessories from other manufacturers are used, the warranty will become void.

# Caring for the environment

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## Disposal of the packing material

The cardboard box and packing materials protect the appliance during shipping. They have been designed to be biodegradable and recyclable.

Ensure that any plastic wrappings, bags, etc. are disposed of safely and kept out of the reach of children.  
Danger of suffocation!

## Disposal of your old appliance

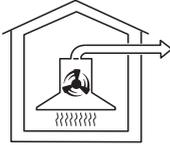
Electrical and electronic appliances contain valuable materials. They also contain certain substances, compounds and components which were essential for the proper functioning and safe use of the equipment. Handling these materials improperly by disposing of them in your household waste can be harmful to your health and the environment. Therefore, please do not dispose of your old appliance with regular household waste and follow local regulations on proper disposal.



Consult with local authorities, dealers or Miele in order to dispose of and recycle electrical and electronic appliances. Miele assumes no responsibility for deleting any personal data left on the appliance being disposed. Please ensure that your old appliance is kept away from children until removal. Observe safety requirements for appliances that may tip over or pose an entrapment hazard.

The following functions are available on your ventilation hood, depending on the model:

## Extraction mode



dell0494a

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

## Non-return flap

A non-return flap in the ducting prevents the exchange of inside and outside air from occurring when the ventilation hood is not in use.

The flap is closed when the ventilation hood is turned off.

When the ventilation hood is turned on, the non-return flap opens so that the exhaust air can be transported outside without any obstruction.

A non-return flap has been provided with the hood in case your ducting does not have one. It is inserted into the outlet duct collar of the fan.

## Recirculation mode

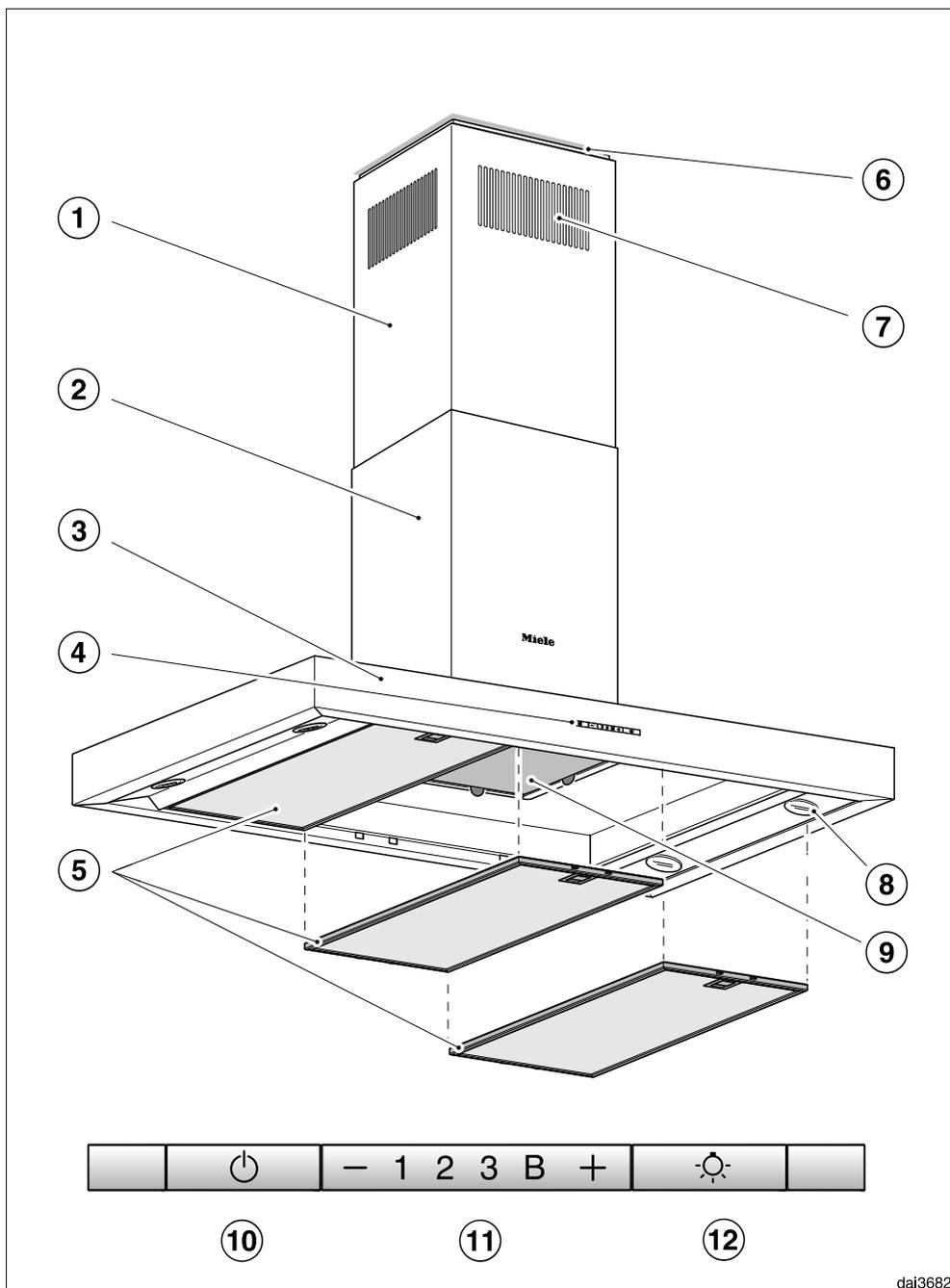
The recirculation mode requires a recirculation kit and OdorFree Charcoal Filter (available as optional accessories, see “Technical Data” for more information)



dell0494b

The air is drawn in and first cleaned by the grease filters and then by an OdorFree Charcoal Filter. The cleaned air is then recirculated back into the kitchen.

# Guide to the appliance



dai3682

- ① Telescopic chimney
- ② Chimney
- ③ Canopy
- ④ Control panel
- ⑤ Grease filter
- ⑥ Spacer frame  
The spacer frame creates a shadow gap between the chimney and the ceiling.  
The ventilation hood can be installed with or without the spacer frame.
- ⑦ Recirculation vent  
(only for recirculation mode)
- ⑧ Cooktop lighting
- ⑨ OdorFree Charcoal Filter  
Optional accessory for recirculation mode
- ⑩ On/Off button for fan
- ⑪ Buttons for setting the fan power
- ⑫ Button for cooktop lighting

# Operation

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## Turning on the blower

Switch the blower on as soon as you start cooking. This is to ensure that vapors are captured right from the start.

- Press the On/Off control .

The blower turns on at level **2**. The  symbol and **2** will light up in the blower level display.

## Selecting the power level

Power levels **1** to **3** are available for light to heavy cooking vapors and odors.

For strong vapors and odors that are temporarily produced when cooking, e.g., during searing, select the **B** Booster setting.

- Select the power level you want by pressing the **-** or **+** control.

## Reducing power down from the Booster setting

If power management is activated (default setting), the blower automatically switches back to level **3** after 5 minutes.

## Delayed shut-off

- It is advisable to run the blower for a few minutes after cooking has finished to neutralize any lingering vapors and odors in the air.

## Turning off the blower

- Press the On/Off control  to turn the blower off.

The  symbol will go out.

## Turning the overhead lighting on/off

The overhead lighting can be turned on and off separately from the blower.

- To do this, press the lighting control .

The  symbol will light up when the overhead lighting is turned on.

## Power management

The ventilation hood features a power management system to help save energy. The blower power level is reduced and the lighting is turned off automatically.

- If the booster level is selected, the blower automatically switches to level 3 after 5 minutes.
- If the blower is set to level 3, 2 or 1, it switches back one blower setting after 2 hours and then in 30-minute intervals until the blower eventually switches off.
- If the overhead lighting is on, it will switch off automatically after 12 hours.

You can deactivate power management.

This can, however, result in increased energy consumption.

## Turning power management on/off

You can deactivate power management.

Keep in mind that this may increase energy consumption.

- To set this option, turn off the fan and the overhead lighting first.
- Press the **—** and **+** buttons at the same time for approx. 10 seconds, until **1** lights up.
- Then, press the following buttons in succession:

- the lighting button ,
- followed by the **—** button and then
- the lighting button .

If power management is turned on, the **1** and **B** indicators will be continuously lit.

If it is turned off, the **1** and **B** indicators will flash.

- Press the **—** button to turn power management off.

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

- To turn it on, press the **+** button.

The **1** and **B** indicators will be continuously lit.

- Confirm your choice with the On/Off button .

All the indicator lights will go out.

If the new setting is not confirmed within 4 minutes, the ventilation system reverts to the previous setting.

## Safety shut-off

If power management has been deactivated, the ventilation hood will switch itself off automatically after 12 hours if it has been left on (blower and overhead lighting).

- To switch it back on, press the On/Off  control or the lighting control .

## Energy-saving tips

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This hood operates in a very efficient and energy-saving manner. The following will help you to save even more energy when using it:

- Ensure that there is sufficient ventilation in the kitchen when cooking. If there is insufficient air flow during extraction mode, the hood cannot operate efficiently, causing increased operating noise levels.
- Always cook with the lowest possible setting. This produces fewer cooking vapors so that you can use a lower hood power level and therefore benefit from reduced energy consumption.
- Check the power level selected on the hood. A lower power level is generally sufficient for the majority of cooking. Only use the booster level when necessary.
- When a large volume of cooking vapors are being produced, switch to a high power level in good time. This is more efficient than operating the hood for longer to try to capture cooking vapors that have already been distributed throughout the kitchen.
- Make sure that you switch off the hood after use.
- Clean or change the filters at regular intervals. Heavily soiled filters reduce performance, increase the risk of fire and are unhygienic.

For faults that you cannot resolve on your own, please contact your Miele dealer or Miele Technical Service.

The telephone number for Miele is listed at the back of these instructions.

When contacting Miele, please state the model and serial number of your ventilation hood.

These can be found on the data plate.

### Location of the data plate

The data plate is visible once you have removed the grease filters.

### Warranty

For further information, please refer to your warranty booklet.

### MieleCare

This service is available in USA only.
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**MieleCare**, our Extended Service Contract program, gives you the assurance of knowing that your appliance investment is covered by 5 years of worry free ownership.

**MieleCare** is the only Extended Service Contract in the industry that guarantees repairs by a Miele Authorized Service Provider using genuine Miele parts. Only genuine Miele parts installed by factory trained professionals can guarantee the safety, reliability, and longevity of your Miele appliance.

Please note that unless expressly approved in writing by Miele's Service department, Extended Service Contracts offered by other providers for Miele products will not be recognized by Miele. Our goal is to prevent unauthorized (and untrained) service personnel from working on your Miele products, possibly doing further damage to them, you and/or your home.

To learn more about **MieleCare** Extended Service Contracts, please contact your appliance dealer or visit us online at:

[www.mieleusa.com](http://www.mieleusa.com)

# Cleaning and care

 **WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

- Before cleaning or servicing the hood, disconnect it from the power supply, see “IMPORTANT SAFETY INSTRUCTIONS”.

## Stainless steel housing

### General information

 The surfaces and control buttons are susceptible to scratching and chipping. Observe the following cleaning instructions.

- Clean all surfaces and control buttons using warm water and liquid dish soap. Apply with a sponge cloth.

 Make sure that no water gets into the interior of the hood. Only use a damp cloth to clean the hood, especially in the control panel area.

- After cleaning, dry the surfaces with a soft cloth.

Avoid the following:

- Cleaners containing soda, acid or chloride, or cleaners containing solvents
- Abrasive sponges, e.g. pot scourers or sponges which have been previously used with abrasive cleaning agents.

### Special instructions for stainless steel surfaces

(does not apply to control buttons)

- Stainless steel surfaces can also be cleaned using a non-abrasive stainless steel cleaner, available from Miele.
- To prevent the surfaces from quickly becoming dirty again, we recommend treating them with a stainless steel care conditioner. Apply sparingly over the entire area using a soft cloth.

### Important for the controls

Do not leave dirt and debris on the buttons for any length of time. Otherwise they may become discolored or damaged. Remove any dirt or debris immediately.

- Observe the general cleaning instructions contained in this chapter.

Do not use a stainless steel cleaner to clean the control buttons.

## Grease filters

### Risk of fire!

Oversaturated grease filters are a fire hazard.

Clean the grease filters at regular intervals.

The reusable metal grease filters in the appliance remove the solid particles contained in kitchen vapors (grease, dust, etc.), thereby preventing the ventilation hood from becoming dirty.

The grease filters must be cleaned at regular intervals.

Heavily soiled grease filters hinder air extraction and will lead to increased levels of soiling in the ventilation hood and in the kitchen.

## Cleaning intervals

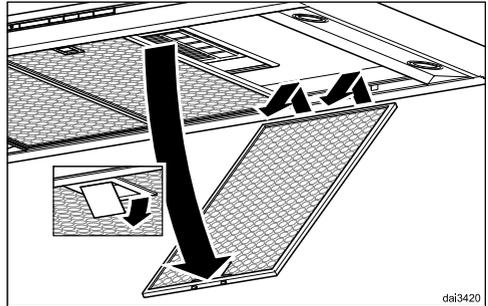
Accumulated grease solidifies over a longer period of time and makes cleaning more difficult. The grease filters should therefore be cleaned every 3 to 4 weeks.

## Removing the grease filters

### When handling the grease filter, be careful not to drop 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 remove a grease filter, release the locking clip. Then, open the filter to a 45° angle, unhook it, and remove it from the hood.

## Cleaning the grease filters by hand

- Clean the filters with a soft nylon brush in a mild solution of hot water and dish soap. Do not use undiluted dish soap.

## Unsuitable cleaning agents

Unsuitable cleaners can cause damage to the filter surfaces if used regularly. Do not use any of the following:

- Lime removers
- Abrasive powders or abrasive liquids
- Aggressive all-purpose cleaners and degreaser sprays
- Oven sprays

## Cleaning the grease filters in a dishwasher

- Place the grease filters upright or slightly inclined in the lower basket. Ensure the spray arm is not obstructed.
- Use a commonly available household dishwashing detergent.

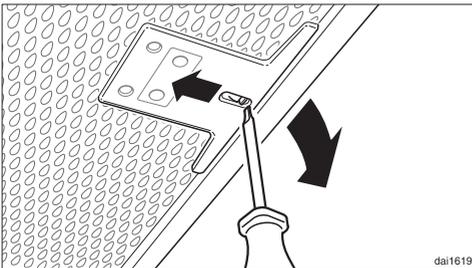
# Cleaning and care

- In a Miele dishwasher use the “Normal” program.

Depending on the detergent used, cleaning the filters in a dishwasher may cause the inside filter surfaces to become discolored. However, this will not affect the functioning of the grease filters in any way.

## After cleaning

- After cleaning, leave the filters on an absorbent surface to dry.
- When removing the filters for cleaning, also clean off any accessible oil or fat buildup from the housing. Doing so will prevent a fire hazard.
- Reinstall the grease filters. When inserting the filters, make sure that the locking clip is facing down.



- If the filters have been installed incorrectly, you can insert a small screwdriver into the slit to disengage the locking clip.

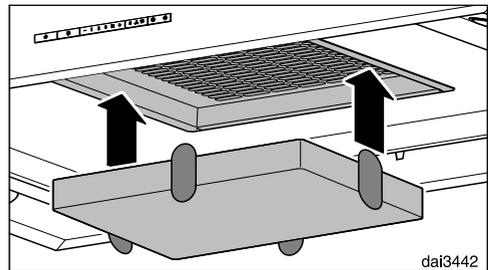
## OdorFree Charcoal Filter

If the hood is equipped for recirculation, an OdorFree Charcoal Filter must be installed in addition to the grease filters. This filter is designed to absorb odor-causing agents and is mounted in the canopy above the grease filters.

Charcoal filters are available to order via the Miele Webstore, Miele Service (see end of this booklet for contact details) or directly from Miele.

## How to install/replace a charcoal filter

- Remove the grease filters before fitting or replacing a charcoal filter.
- Take the charcoal filter out of its packaging.



- Press the charcoal filter into the frame.
- Reinsert the grease filters.

## **When to change the OdorFree Charcoal Filter**

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

## **Disposing of charcoal filters**

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

# Cleaning and care

## Changing a light bulb

Only use the specified light bulbs. Other bulbs, for example halogen bulbs, may become damaged due to the high generation of heat.

The light bulbs should be replaced with the following:

Bulb type ..... LED, GU10  
Power ..... 3W

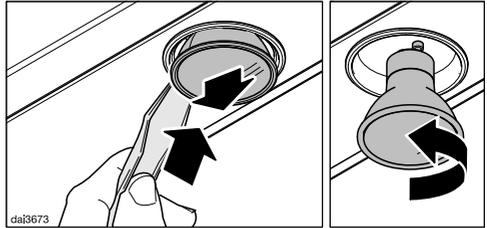
Light bulbs are available from Miele or specialist dealers.

- Turn off the blower and the lighting.

 The light bulbs can get very hot when in use.

Allow the bulbs to cool down for a few minutes before changing them.

- Disconnect the hood from the electrical supply before replacing the light bulbs (see “IMPORTANT SAFETY INSTRUCTIONS”).



- Insert the lever supplied into the gap between the bulb and the bulb holder..

The bulb will then drop downwards.

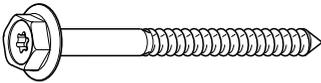
- Grip the light bulb, turn it counterclockwise and take it out.
- Screw the new bulb into the socket and push it upwards. Please follow the manufacturer's safety instructions.

## Before installation

 Before installing the appliance, read all of the information contained in this chapter and also in the "IMPORTANT SAFETY INSTRUCTIONS" section.

Information is subject to change. Please refer to our website to obtain the most current product specification, technical & warranty information.

## Installation parts

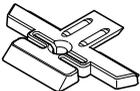


**4 1/4 x 4 5/16" (7 x 110 mm) screws**  
and



**4 3/8 x 3 1/8" (10 x 80 mm) plugs**  
for securing the ventilation system to the ceiling (not for use in USA / CDN).

The screws and plugs are designed for use in solid ceilings only. Use different fasteners for other construction types. Make sure that the ceiling can support the load.



**4 telescopic extension piece holders**  
for aligning and securing the telescopic extension piece



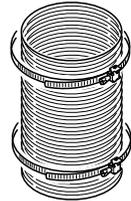
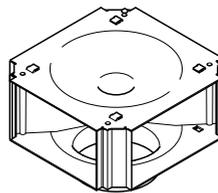
**4 M4 x 8.5 mm screws**  
for securing the telescopic extension piece holders.



**14 M4 x 8 mm screws**  
for securing the spacer frame and securing the ventilation system to the installation frame.



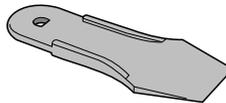
**1 M4 x 16 mm screw**  
for securing the chimney.



**DUI 32 conversion kit for recirculation mode**

(not supplied, available as an optional accessory). The kit contains a directional unit socket and flexible aluminum hose with hose clips.

Keep the following in a safe place:



**1 lever**  
for replacing the bulbs.

06462161

06095672

07662740

08162250

08162240

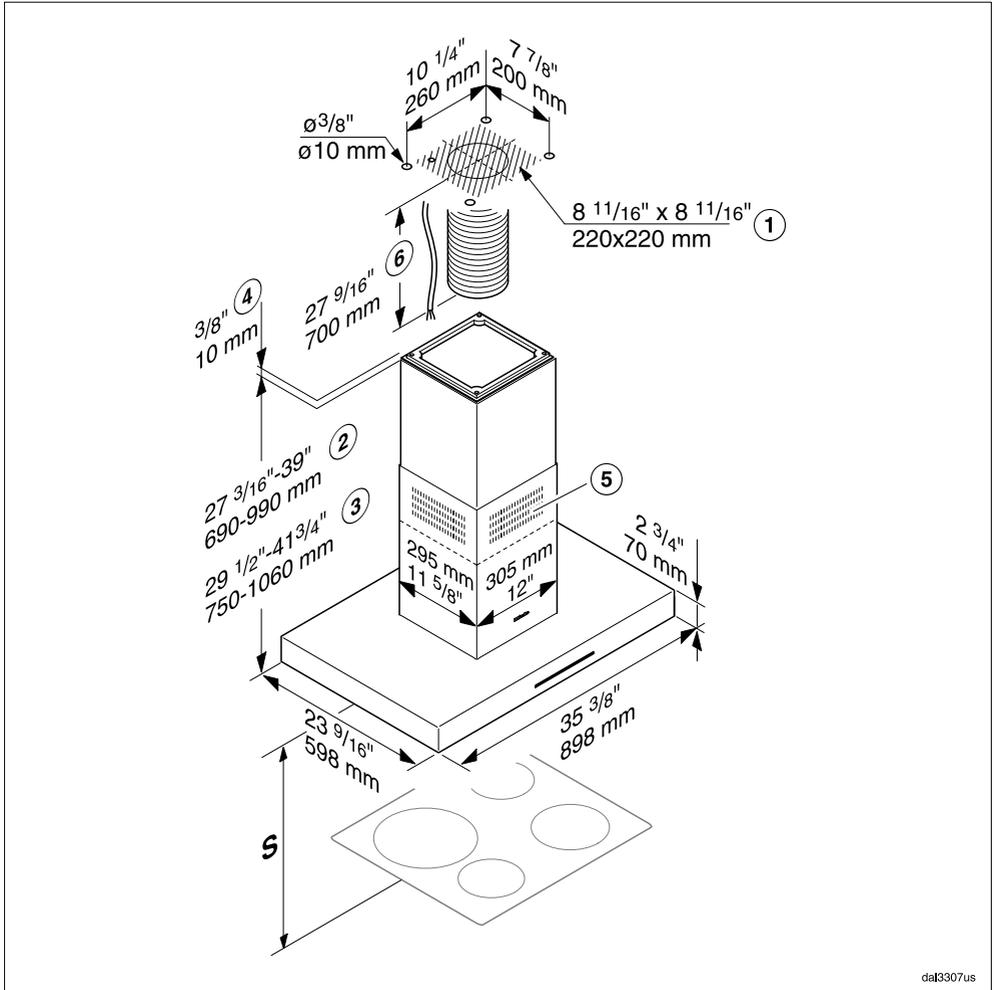
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0003716

# Installation

## Appliance dimensions



dal3307us

- ① Mounting area for the exhaust ducting and power cable. In recirculation mode, only the power cord is required.
- ② Possible height range for appliance in vented mode
- ③ Possible height range for appliance in recirculation mode
- ④ Alternative installation with spacer frame
- ⑤ Air vent positioned at the top for recirculation

- ⑥ A power cord is required to connect the hood to the socket in the ceiling. With extraction mode flexible ducting is also required.

Exhaust connection  $\varnothing$  6" (150 mm)

## Distance between cooktop and ventilation hood (S)

Provided a larger distance is not given by the manufacturer of the cooktop, follow the minimum safety distances between a cooktop and the bottom of the hood.

Please also observe the information contained in the "IMPORTANT SAFETY INSTRUCTIONS" section.

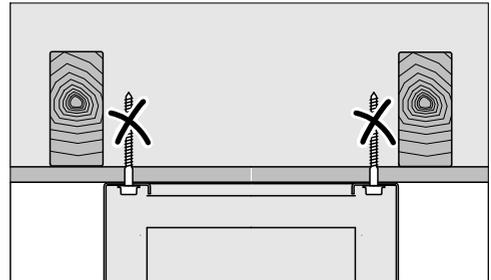
Cooking appliance	Minimum distance S	
	Miele appliance	Non-Miele appliance
Electric Cooktops	24" (610 mm)	
Electric Barbeques and Fryers	26" (660 mm)	
Multiburner Gas Cooktops ≤ 43,000 BTU/hr (12.6 kW), no burner > 15,000 BTU/hr (4.5 kW).	26" (660 mm)	30" (760 mm)
Multiburner Gas Cooktops ≤ 73,800 BTU/hr (21.6 kW), no burner > 16,500 BTU/hr (4.8 kW)	30" (760 mm)	
Multiburner Gas Cooktops > 73,800 BTU/hr (21.6 kW), or one of the burners > 16,500 BTU/hr (4.8 kW)	Not possible	
Single Burner Gas Cooktops ≤ 20,500 BTU/hr (6 kW)	26" (660 mm)	30" (760 mm)
Single Burner Gas Cooktops > 20,500 BTU/hr (6 kW) ≤ 27,600 BTU/hr (8.1 kW)	30" (760 mm)	
Single Burner Gas Cooktops > 27,600 BTU/hr (8.1 kW)	Not possible	

# Installation

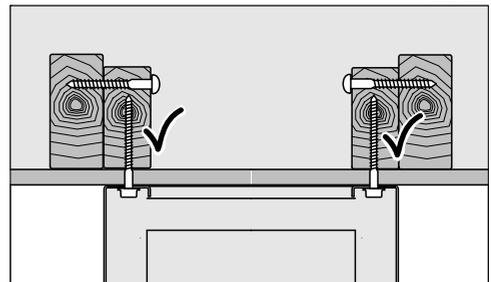
## Installation recommendations

- A distance of at least 26" (660 mm) is recommended above electric cooktops to provide more workspace and easier cooking under the hood.
- When selecting an installation height, always take the user height into consideration. Users should have ample space to work comfortably on the cooktop and reach the ventilation hood controls with ease.
- Please note that the greater the distance from the cooktop, the less effective the hood is at drawing in the cooking vapors.
- To achieve optimum vapor extraction, the ventilation system must be centered over the cooktop, not to the side or behind.
- The cooktop should be no wider than the hood. Preferably, it should be narrower for better extraction.
- The mounting area must be easily accessible. The ventilation hood should be easy to reach and disassemble in case a service call is necessary. This should be taken into consideration when planning the position of cabinetry, shelves, ceilings or decorative elements in the vicinity of the ventilation hood.

## Structural support



dai3472

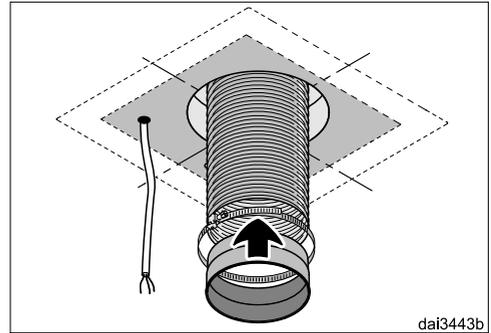
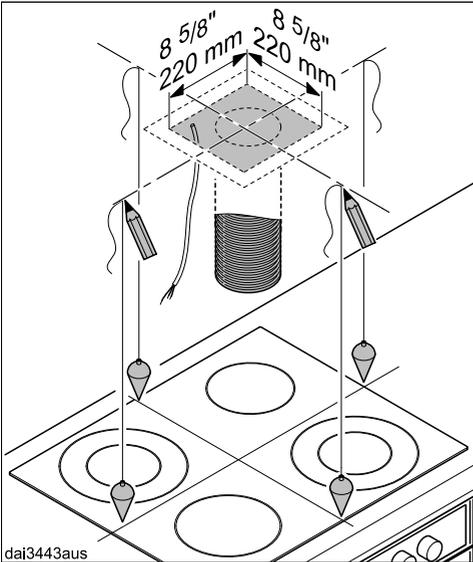


The hood must be attached to rigid structural framing that is supported in its entirety by the ceiling joists, or to the ceiling joists directly. Do not attach the plate directly to the ceiling with anchors, toggle bolts, etc.

## Removing the protective film

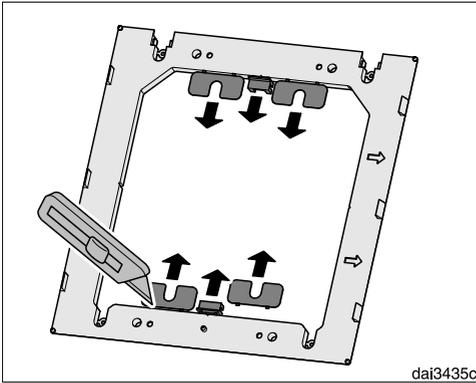
The housing components are covered by a protective film to prevent them from damage during transport.

- Please remove this film before installing the housing components. It can be peeled off easily without any additional tools.

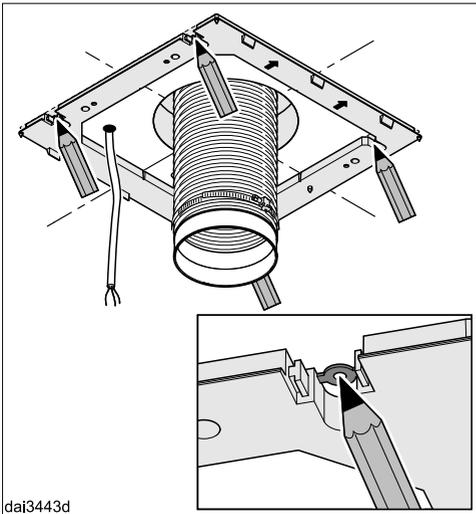


- For vented mode:
  - Place a section of the exhaust ducting in the ceiling and feed it down through the cross-sectional area as illustrated. Exhaust ducting of approx.  $27 \frac{9}{16}$ " (700 mm) length is required between the ceiling and the hood exhaust socket.
  - Secure the exhaust ducting to the exhaust socket, e.g. with a hose clip (available as an optional accessory) on flexible ducting.
- Place the power cord and guide it through the ceiling in the area shown. A power cord approx.  $27 \frac{9}{16}$ " (700 mm) in length is required between the ceiling and the hood connectors.

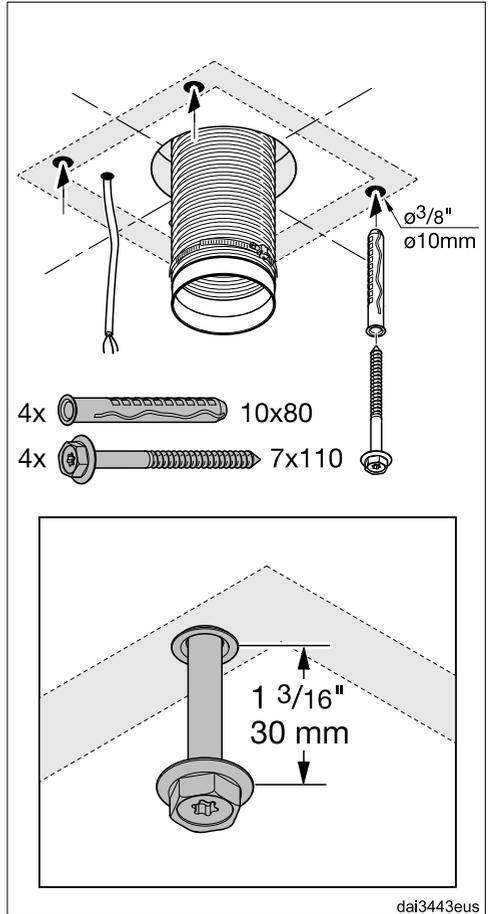
# Installation



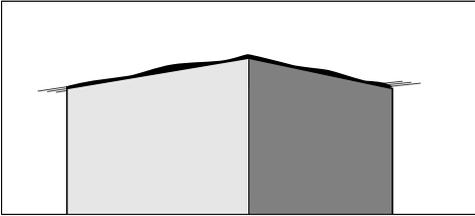
- Use a knife to release the four spacers and the two covers from the spacer frame supplied.



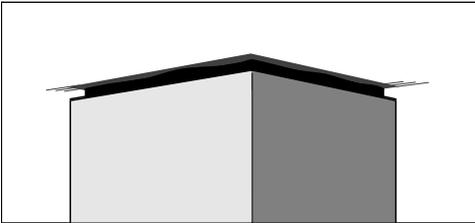
- Use the spacer frame as a drilling template. Place it on the ceiling with the arrows pointing forwards. Using the notches, align the spacer frame on the intersecting lines and make pencil marks for the drill holes.



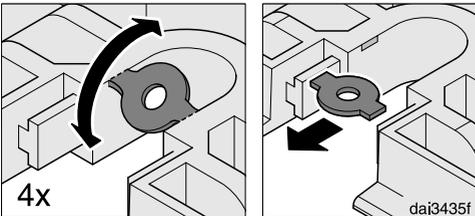
- Drill four holes  $\varnothing 3/8''$  (10 mm), approx.  $4 \frac{1}{2}''$  (115 mm) deep for the plugs supplied.
- Place the four plugs in the holes and screw in the four screws so that they protrude by approx.  $1 \frac{3}{16}''$  (30 mm).



dai3152



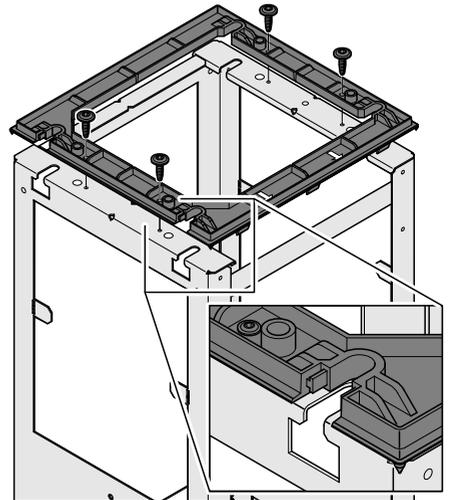
The **spacer frame** can be installed between the chimney and the ceiling. This creates a shadow which gives the illusion of a gap between the ceiling and the chimney. This is useful if the ceiling is not level or is uneven. The hood is aligned vertically with the spacers supplied. Visual irregularities between the chimney and the ceiling are then concealed by the shadow.



dai3435f

- If you wish to install the hood with the spacer frame, remove the four inserts from the fixing holes.

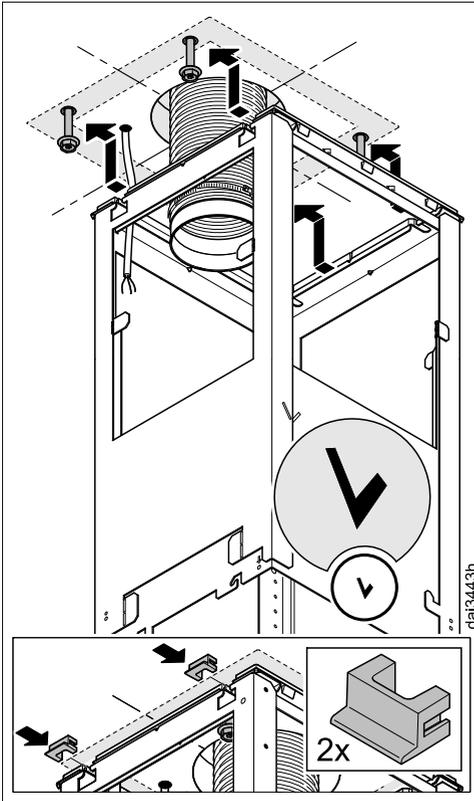
4x  T20 M4x8



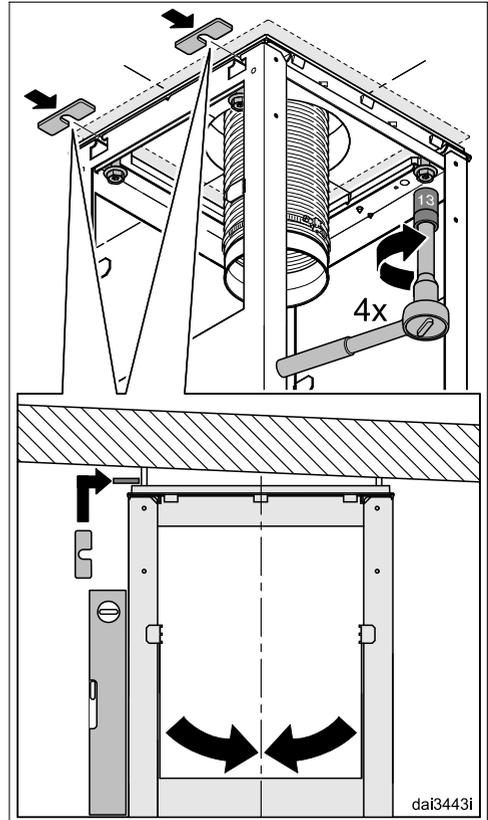
dai3435g

- Mount the spacer frame onto the installation frame.

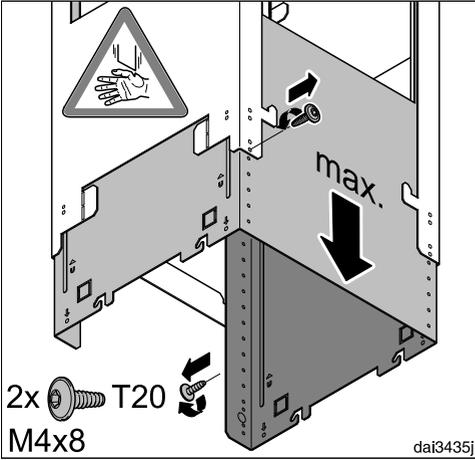
# Installation



- Hang the installation frame on the four screws. The front of the frame is marked with a "V".
- If using the spacer frame, place the two covers into the fixing holes.

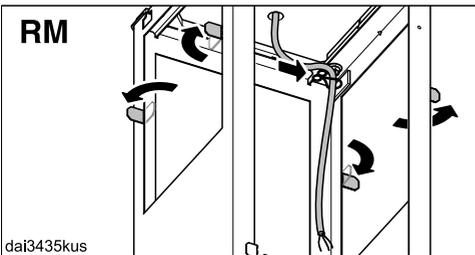


- Align the installation frame and secure it with the screws. The spacers, which were removed from the spacer frame at the start, can be used to align the hood vertically.

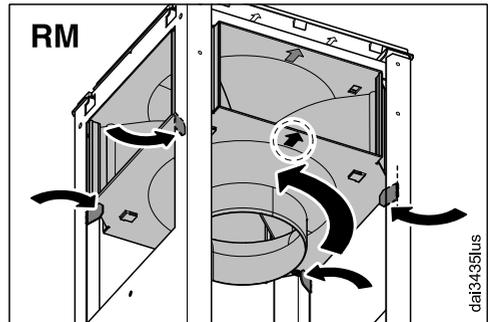
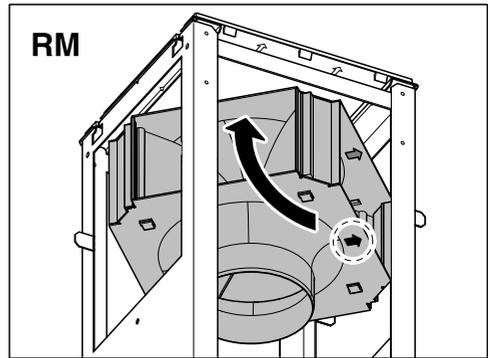
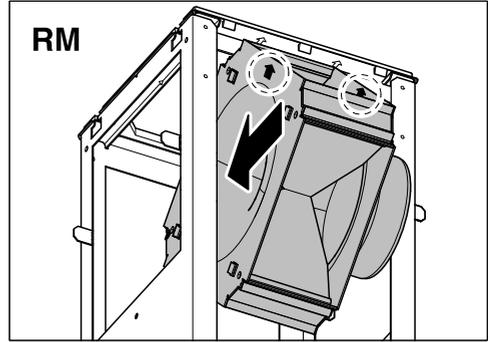


- Holding the installation frame securely, remove the two fixing screws and extend the installation frame to its maximum length.
- Replace the screws.

The directional unit from recirculation kit DUI 32 (optional accessory) is installed for recirculation mode (RM):

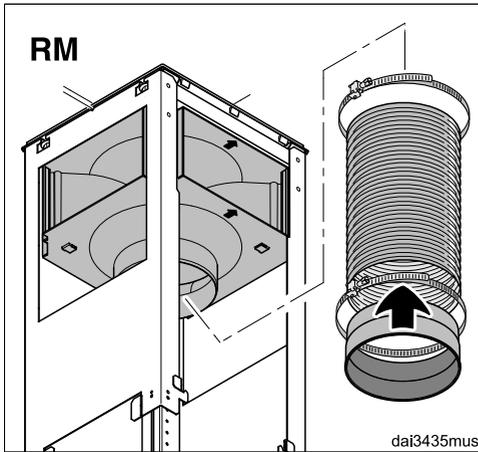


- Bend the four retaining tabs on the installation frame outward.
- Place the power cord inside the installation frame.

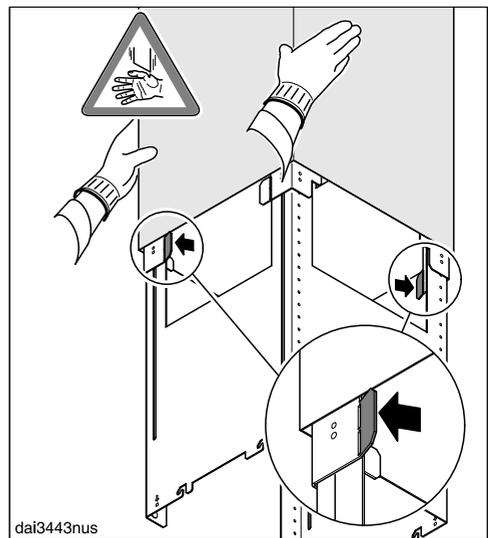
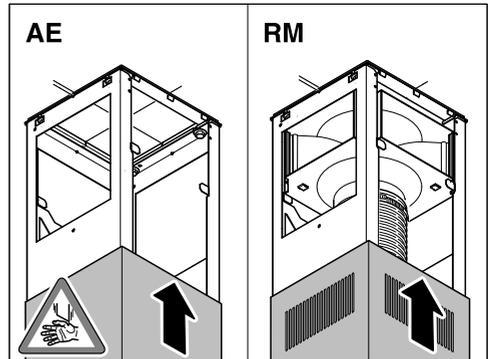


- Fit the directional unit as shown, noting the marking on the front.
- Bend the retaining tabs back and approx. 45° inward to hold the directional unit in place.

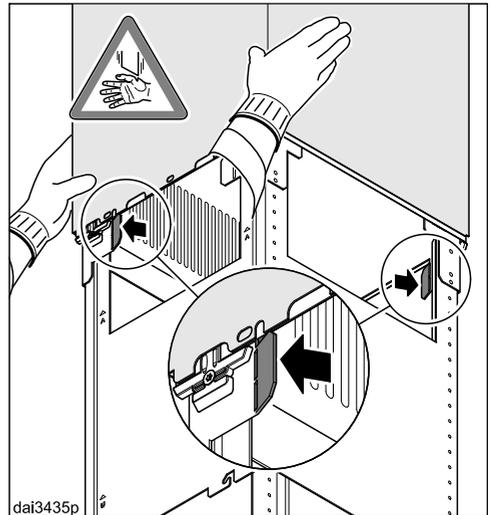
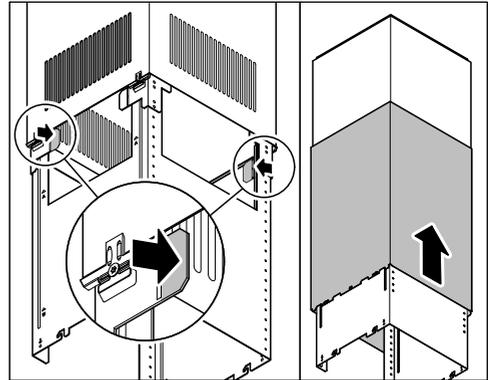
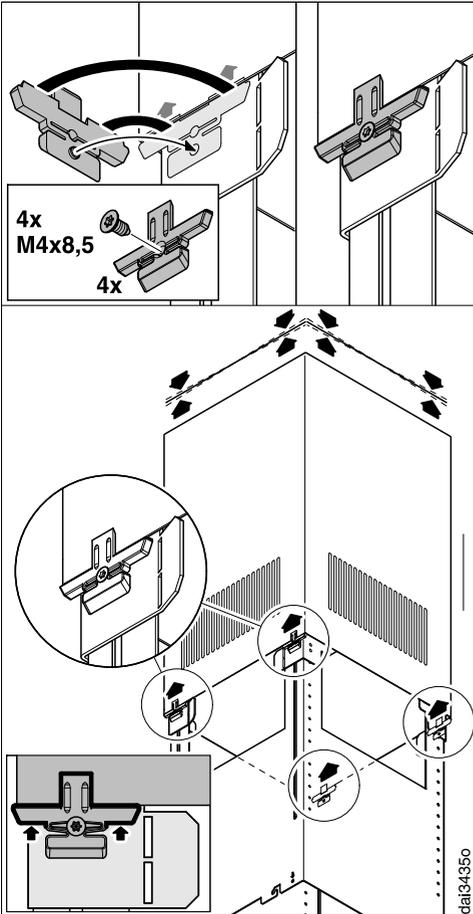
# Installation



- Secure the exhaust socket to the hose using a hose clip.
- Secure the hose to the directional unit socket using a hose clip.
- Check that the hose is held securely.



- Push the telescopic chimney over the installation frame:
  - with the recirculation grilles at the bottom for vented mode (AE),
  - with the recirculation grilles at the top for recirculation mode (RM).
- Bend the two retaining tabs outwards to prevent the telescopic chimney from slipping down again.



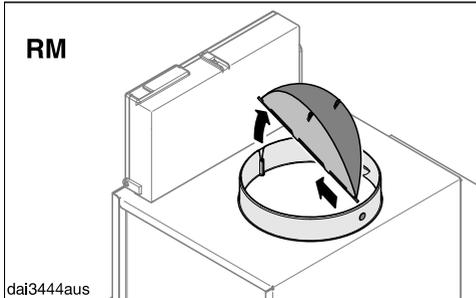
- Fit the four telescopic chimney clamps. When the screws are tightened, the clamps spread out and push the telescopic expansion piece upwards.

Tighten the screws only until the top edge of the telescopic chimney is evenly aligned with the ceiling or the spacer frame.

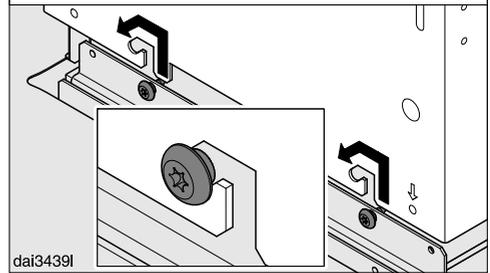
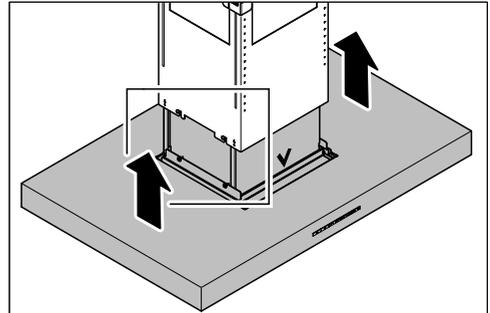
- Bend back the two retaining tabs.
- Push the chimney over the telescopic extension piece and bend the retaining tabs outward again to prevent the chimney from slipping down again.

# Installation

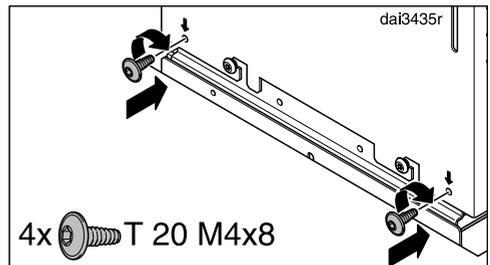
A non-return flap is supplied with the hood or is already fitted in the exhaust socket of the motor unit (depending on model).



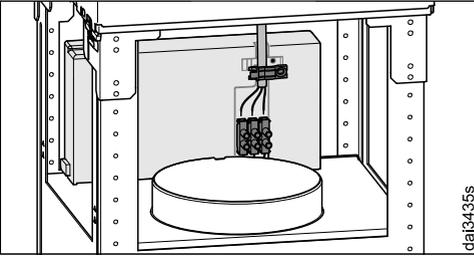
- With vented mode (AE) insert the non-return flap in the exhaust socket if your ducting system is not equipped with one. Recirculation mode (RM) does not require the non-return flap to be inserted. If there is one present, it should be removed.



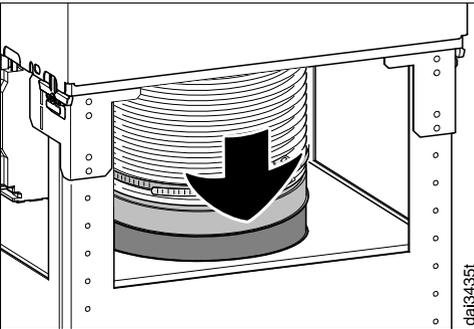
- Hang the hood on the brackets, making sure that the controls are at the front.



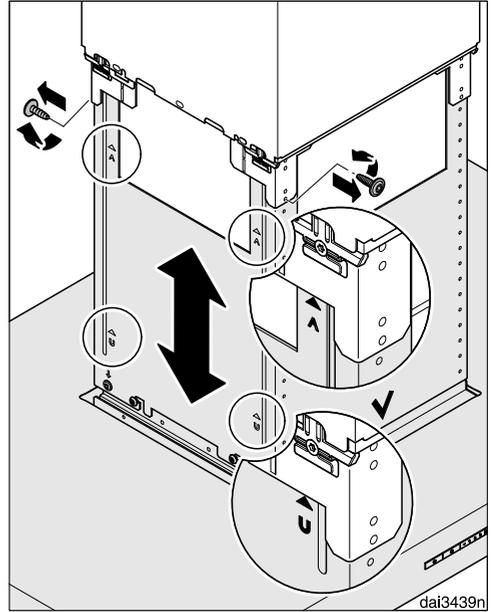
- Secure the hood with the screws supplied.



- Connect the power cord. See “Electrical connection.”



- Place the exhaust ducting onto the exhaust socket.



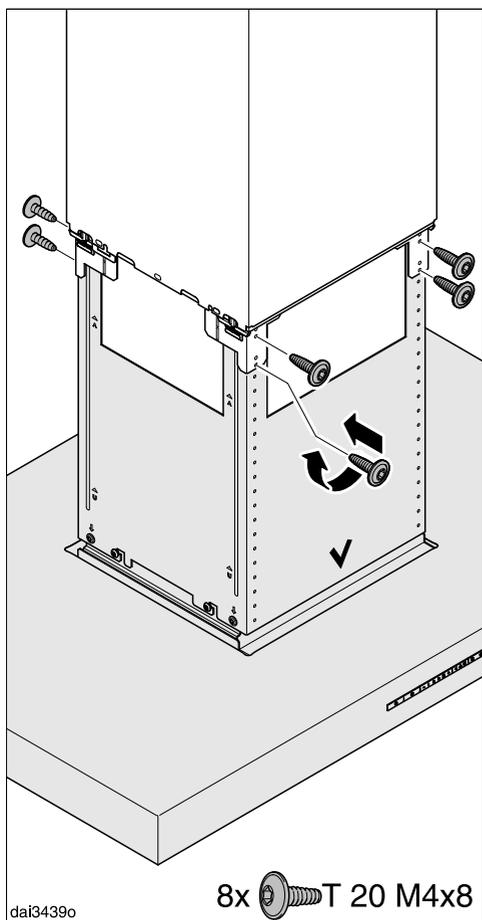
- Unscrew both screws from the installation frame again.

The canopy can now be adjusted to the desired height, observing the permissible height ranges:

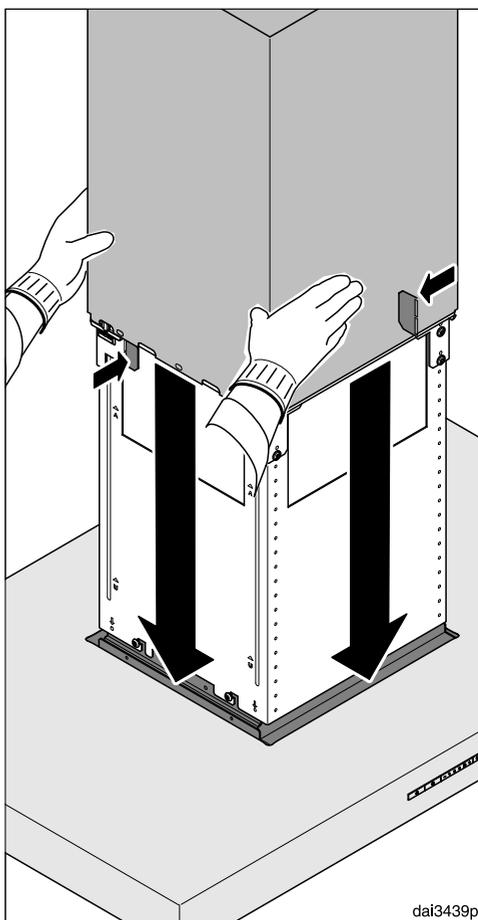
- With vented mode: upwards as far as it will go, downwards only to the “A” marking.
- With recirculation mode: upwards as far as the “U”, downwards as far as it will go.

Follow the instructions in “Appliance dimensions.” Safety distances between the cooktop and ventilation hood must be observed.

# Installation

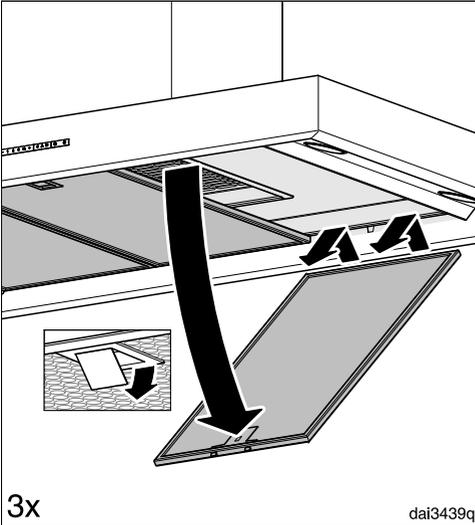


- Raise the canopy to the desired height and secure it with the screws.

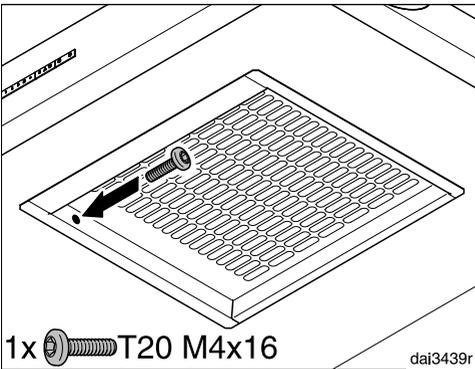


- Hold the chimney securely, bend back the retaining tabs and carefully lower it.

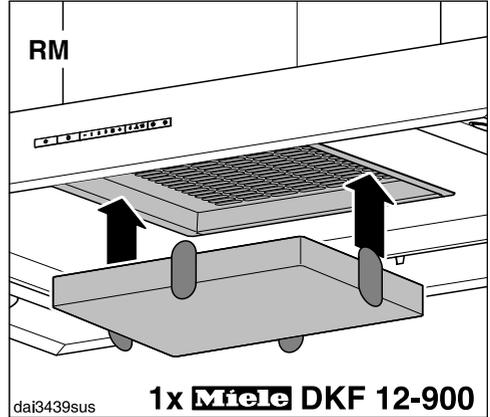
The chimney will locate in the cut-out in the canopy.



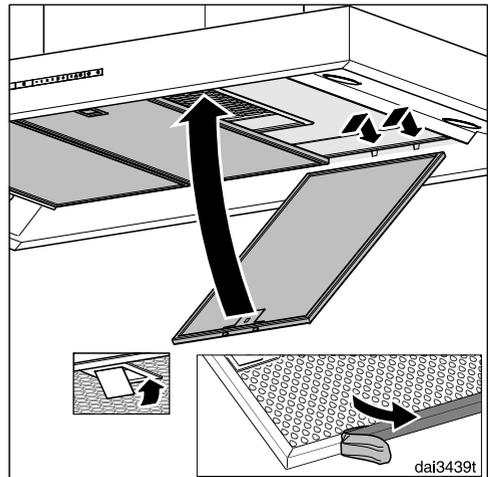
- Remove the grease filters from the hood.



- Insert the safety screw on the inside.



- With recirculation mode (RM) ventilation hoods, insert the OdorFree Charcoal Filter.



- Carefully remove the protective foil from the grease filters.
- Reinsert the grease filters.

# Air venting

**WARNING:** Danger of toxic fumes. Gas cooking appliances release carbon monoxide that can be harmful or fatal if inhaled.

To reduce the risk of fire and to properly exhaust air, the exhaust gases extracted by the hood should be vented outside of the building only.

Do not vent exhaust air into spaces within walls or ceilings or in attics, crawl spaces or garages.

To reduce the risk of fire, only use metal ductwork.

Please read and follow the “IMPORTANT SAFETY INSTRUCTIONS” to reduce the risk of personal injury. Follow all local building codes when installing the hood.

Only use smooth pipes or flexible duct hoses made from non-combustible materials for exhaust ductwork.

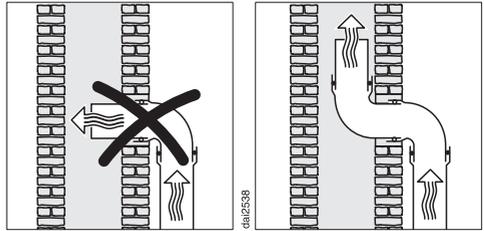
To achieve the greatest possible air extraction with the lowest noise levels, please note the following:

- The diameter of the exhaust duct should not be less than 6" (150 mm).
- If flat exhaust ducts are used, the cross section should not be smaller than that of the exhaust connector.
- The exhaust duct should be as short and straight as possible.
- If elbows are needed, make sure they have a large radius.
- The exhaust duct itself must not be kinked or compressed.

- Make sure that all connections are secure and airtight.

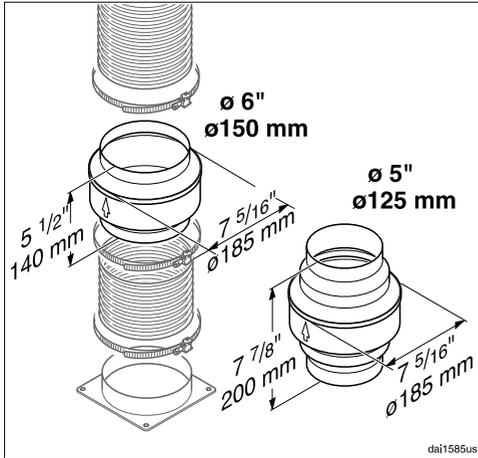
Remember that any constriction of the airflow will reduce extraction performance and increase operating noise.

- If the exhaust duct is to be routed through an outside wall, we recommend installing a telescopic wall vent or a rooftop vent.



- If the exhaust air is conveyed into an exhaust air chimney, the inlet connector must face the flow direction.
- When installing the exhaust duct horizontally, a minimum slope of  $\frac{1}{8}$  inch per foot must be maintained to prevent condensate from flowing into the ventilation hood.
- If the exhaust duct is to be routed through cool rooms, ceilings, etc., the temperatures in these different areas may differ greatly. Therefore water condensation must be considered and the exhaust duct will need to be insulated.

## Condensate trap



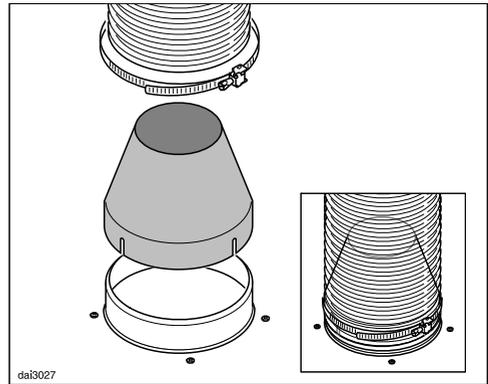
In addition to insulating the exhaust duct, we recommend installing a condensate trap to collect and evaporate any condensate which might accumulate.

Condensate traps are available for exhaust ducts with a diameter of 5" (125 mm) or 6" (150 mm).

- When installing a condensate trap, make sure that it is positioned vertically and, if possible, directly above the hood outlet duct collar. The arrow on the housing indicates the direction of airflow.

## Reducing Collar

(optional accessory)



If you would like to reduce the environmental impact of your ventilation system by limiting the CFM output the Reducing Collar can be installed. It reduces the air flow to less than 400 CFM. Check local building codes for max. CFM requirements.

- Push the Reducing Collar on the exhaust port of the blower.
- Push the exhaust hose over it.
- Secure both with a hose clamp.

# Electrical connection

**WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

All electrical work should be performed by a qualified electrician in strict accordance with national regulations (for USA: ANSI-NFPA 70) and local safety regulations.

Installation, repairs and other work by unqualified persons could be dangerous.

Ensure that power to the appliance is OFF while installation or repair work is performed.

Verify that the voltage, load and circuit rating information found on the data plate (located behind the baffle filters), match the household electrical supply before installing the hood.

Use only with ventilation hood cord-connection kits that have been investigated and found acceptable for use with this model hood.

If there is any question concerning the electrical connection of this appliance to your power supply, please consult a licensed electrician or call Miele's Technical Service Department.

**WARNING: THIS APPLIANCE MUST BE GROUNDED**

## Grounding Instructions

**WARNING -** Improper grounding can result in a risk of electric shock.

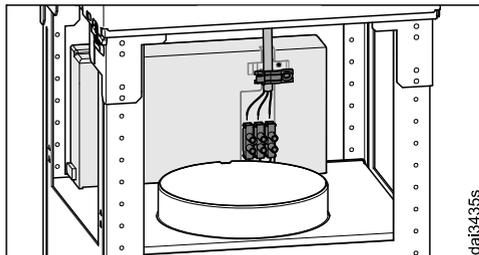
This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing a path of least resistance.plugin.

If there is any doubt, have the electrical system of the house checked by a qualified electrician.

To increase security before the machine is installed, it is recommended to install a protective switch (30 mA).

- The hood must be hard wired accordingly:
  - Black/Red wire: connect to L1 (live)
  - White wire: connect to N (neutral)
  - Green wire: connect to GND (ground)

If the unit will be hard wired to the electricity supply, the wire gauge of the individual leads must be between 18 AWG and 16 AWG.



The strain relief must be used to ensure problem-free connection.

## Technical data

Blower motor	350 W
Overhead lighting	4 x 3 W
Total connected load	362 W
Supply voltage, frequency	120 V AC, 60 Hz
Fuse	15 A
Weight	74.8 lbs (34 kg)

### Optional accessories for recirculation mode

DUI 32 conversion kit to change from vented mode to recirculation mode and DKF 12-900 OdorFree Charcoal Filter.



**Please have the model and serial number  
of your appliance available when  
contacting Technical Service.**

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The Miele logo consists of the word "Miele" in a bold, white, serif font, set against a solid black rectangular background.

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