

A close-up, low-angle shot of a Siemens LR97CAP21B extractor hood. The hood features a dark, textured metal mesh front panel and is illuminated by bright, integrated LED lights along its edges. The control panel on the right side is visible, showing various touch-sensitive buttons and a digital display. The Siemens logo is prominently displayed in the top left corner.

# SIEMENS

## Extractor hood

LR97CAP21B

en User manual and installation instructions



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Siemens Home Appliances

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## USER MANUAL

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## 1 Safety

Observe the following safety instructions.

### 1.1 General information

- Read this instruction manual carefully.
- Keep the instruction manual and the product information safe for future reference or for the next owner.
- Do not connect the appliance if it has been damaged in transit.

### 1.2 Intended use

This appliance is designed only to be built into kitchen units. Read the special installation instructions.

The appliance can only be used safely if it is correctly installed according to the safety instructions. The installer is responsible for ensuring that the appliance works perfectly at its installation location.

Only use this appliance:

- For extracting cooking vapour.
- In private households and in enclosed spaces in a domestic environment.

- Up to an altitude of max. 2000 m above sea level.

Do not use the appliance:

- With an external timer.

### 1.3 Restriction on user group

This appliance may be used by children aged 8 or over and by people who have reduced physical, sensory or mental abilities or inadequate experience and/or knowledge, provided that they are supervised or have been instructed on how to use the appliance safely and have understood the resulting dangers.

Children must not play with the appliance.

Children must not perform cleaning or user maintenance unless they are at least 15 years old and are being supervised.

Keep children under the age of 8 years away from the appliance and power cable.

### 1.4 Safe use

#### **WARNING – Risk of suffocation!**

Children may put packaging material over their heads or wrap themselves up in it and suffocate.

- ▶ Keep packaging material away from children.
- ▶ Do not let children play with packaging material.

Children may breathe in or swallow small parts, causing them to suffocate.

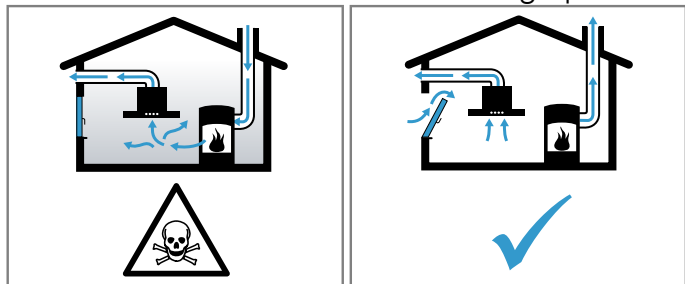
- ▶ Keep small parts away from children.
- ▶ Do not let children play with small parts.

#### **WARNING – Risk of poisoning!**

Risk of poisoning from flue gases being drawn back in. Room-air-dependent heat-producing appliances (e.g. gas, oil, wood or coal-operated heaters, continuous flow heaters or water heaters) obtain combustion air from the room in which they are installed and discharge the exhaust gases into the open through an exhaust gas system (e.g. a chimney). With the extractor hood switched on, air is extracted from the kitchen and the adjacent rooms. Without an adequate supply of air, the air pressure falls below atmospheric pressure. Toxic gases from the flue or the extraction



shaft are sucked back into the living space.



- ▶ Always ensure adequate fresh air in the room if the appliance is being operated in exhaust air mode at the same time as a room-air-dependent heat-producing appliance is being operated.
- ▶ It is only possible to safely operate the appliance if the pressure in the room in which the heating appliance is installed does not drop more than 4 Pa (0.04 mbar) below atmospheric pressure. This can be achieved whenever the air needed for combustion is able to enter through openings that cannot be sealed, for example in doors, windows, incoming/exhaust air wall boxes or by other technical means. An incoming/exhaust air wall box alone does not ensure compliance with the limit.
- ▶ In any case, consult your responsible chimney sweep. They are able to assess the house's entire ventilation setup and will suggest the suitable ventilation measures to you.
- ▶ Unrestricted operation is possible if the appliance is operated exclusively in circulating-air mode.

### **⚠ WARNING – Risk of fire!**

Fatty deposits in the grease filters may catch fire.

- ▶ Never operate the appliance without a grease filter.
- ▶ Clean the grease filters regularly.
- ▶ Never work with naked flames close to the appliance (e.g. flambéing).
- ▶ Do not install the appliance near a solid fuel heating appliance (e.g. wood- or coal-burning) unless the heating appliance has a sealed, non-removable cover. There must be no flying sparks.

Hot oil or grease ignites very quickly.

- ▶ Always supervise hot oil and fat.
- ▶ Never extinguish burning oil or fat with water. Switch off the cooking zone. Extinguish

flames carefully using a lid, fire blanket or something similar.

When gas burners are in operation without any cookware placed on them, they can build up a lot of heat. A ventilation appliance installed above the cooker may become damaged or catch fire.

- ▶ Only operate the gas burners with cookware on them.

Operating multiple gas hobs at the same time generates a great deal of heat. A ventilation appliance installed above the cooker may become damaged or catch fire.

- ▶ Only operate the gas hobs with cookware on them.
- ▶ Select the highest fan setting.
- ▶ Never operate two gas hobs simultaneously on the highest flame for longer than 15 minutes. Two gas hobs correspond to one large burner.
- ▶ Never operate large burners of more than 5 kW with the highest flame for longer than 15 minutes, e.g. a wok.

### **⚠ WARNING – Risk of burns!**

The accessible parts of the appliance become hot during operation.

- ▶ Never touch these hot parts.
  - ▶ Keep children at a safe distance.
- The appliance becomes hot during operation.
- ▶ Allow the appliance to cool down before cleaning.

### **⚠ WARNING – Risk of injury!**

Components inside the appliance may have sharp edges.

- ▶ Carefully clean the appliance interior. Items placed on the appliance may fall off.
- ▶ Do not place any objects on the appliance. Changes to the electrical or mechanical assembly are dangerous and may lead to malfunctions.

- ▶ Do not make any changes to the electrical or mechanical assembly.

The filter cover may swing out.

- ▶ Open the filter cover slowly.
- ▶ Take hold of the filter cover after opening until it no longer swings out.
- ▶ Close the filter cover slowly.

Risk of injury when opening and closing the hinges.

- ▶ Keep your hands away from the hinges.

The light emitted by LED lights is very dazzling, and can damage the eyes (risk group 1).

- ▶ Do not look directly into the switched-on LED lights for longer than 100 seconds.

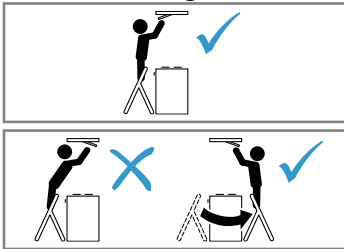
Children may swallow batteries.

- ▶ Keep batteries out of the reach of children.
- ▶ Keep an eye on any children when you are replacing batteries.

Batteries may explode.

- ▶ Do not charge the batteries.
- ▶ Do not short-circuit the batteries.
- ▶ Do not throw batteries into a fire.

Risk of falling when working on the appliance



- ▶ Use a stable stepladder.
- ▶ Do not lean over the hob.
- ▶ Do not step on the hob or the work surface.

### **⚠ WARNING – Risk of electric shock!**

If the appliance or the power cord is damaged, this is dangerous.

- ▶ Never operate a damaged appliance.

- ▶ Never pull on the power cord to unplug the appliance. Always unplug the appliance at the mains.

- ▶ If the appliance or the power cord is damaged, immediately unplug the power cord or switch off the fuse in the fuse box.

- ▶ Call customer services. → *Page 12*

Incorrect repairs are dangerous.

- ▶ Repairs to the appliance should only be carried out by trained specialist staff.
- ▶ Only use genuine spare parts when repairing the appliance.
- ▶ If the power cord of this appliance is damaged, it must be replaced by trained specialist staff.

An ingress of moisture can cause an electric shock.

- ▶ Before cleaning, pull out the mains plug or switch off the fuse in the fuse box.
- ▶ Do not use steam- or high-pressure cleaners to clean the appliance.

### **⚠ WARNING – Risk of explosion!**

Highly caustic alkaline or highly acidic cleaning agents in conjunction with aluminium parts in the interior of the appliance may cause explosions.

- ▶ Never use highly caustic alkaline or highly acidic cleaning agents. In particular, do not use commercial or industrial cleaning agents in conjunction with aluminium parts, e.g. grease filter on extractor hoods.

## **2 Preventing material damage**

### **2.1 Avoiding material damage**

#### **ATTENTION!**

Condensate may cause corrosion damage.

- ▶ To prevent condensation from building up, switch on the appliance during cooking.

If moisture gets into the controls, this may result in damage.

- ▶ Never clean controls with a wet cloth.

Incorrect cleaning damages the surfaces.

- ▶ Follow the cleaning instructions.
- ▶ Do not use harsh or abrasive detergents.
- ▶ Clean stainless steel surfaces in the direction of the finish only.
- ▶ Never clean controls with stainless steel cleaners.

Condensation that flows back in may damage the appliance.

- ▶ The air extraction duct must be installed with a gradient of at least 1° from the appliance.

If you put incorrect stress on the design elements, they may break off.

- ▶ Do not pull design elements.
- ▶ Do not place objects on the design elements or hang objects from them.

Leaking batteries may damage the remote control.

- ▶ Remove the batteries if you are not using the remote control.
- ▶ Safely dispose of empty or defective batteries in an environmentally friendly manner.

There is a risk of surface damage if you do not peel off the protective film.

- ▶ Remove the protective film from all parts of the appliance before using for the first time.



## 3 Environmental protection and saving energy

Help protect the environment by using your appliance in a way that conserves resources and by disposing of reusable materials properly.

### 3.1 Disposing of packaging

The packaging materials are environmentally compatible and can be recycled.

- ▶ Sort the individual components by type and dispose of them separately.  
Information about current disposal methods are available from your specialist dealer or local authority.

### 3.2 Saving energy

If you follow these instructions, your appliance will use less power.

Ensure that there is sufficient ventilation when cooking.

- The appliance works more efficiently and with fewer operating noises.

Adjust the fan speed to the amount of steam produced during cooking.

- The lower the fan speed, the less energy is consumed.

Only use intensive mode when required.

If cooking produces large amounts of steam, select a higher fan speed in good time.

- The odours are distributed around the room less.

Switch the appliance off when you are not using it.

- The appliance does not consume any energy.

Switch off the lighting if you no longer require it.

- The lighting does not consume any energy.

Clean or replace the filters at regular intervals.

- The effectiveness of the appliance is increased.

Put the cooking lid on.

- The cooking vapours and condensation are reduced.

## 4 Operating modes

You can use your appliance in air extraction mode or circulating-air mode.

The saturation indicator must be adjusted to the selected operating mode and the filters used.

### 4.1 Air extraction mode

The air which is drawn in is cleaned by the grease filters and conveyed to the exterior by a pipe system.



The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels (not applicable to appliances that only discharge the air back into the room).

- If the exhaust air is to be conveyed into a non-functioning smoke or exhaust gas flue, you must obtain the consent of the heating engineer responsible.
- If the exhaust air is conveyed through the external wall, a telescopic duct should be used.

### 4.2 Air recirculation mode

The air which is drawn in is cleaned by the grease filters and an odour filter, and conveyed back into the room.

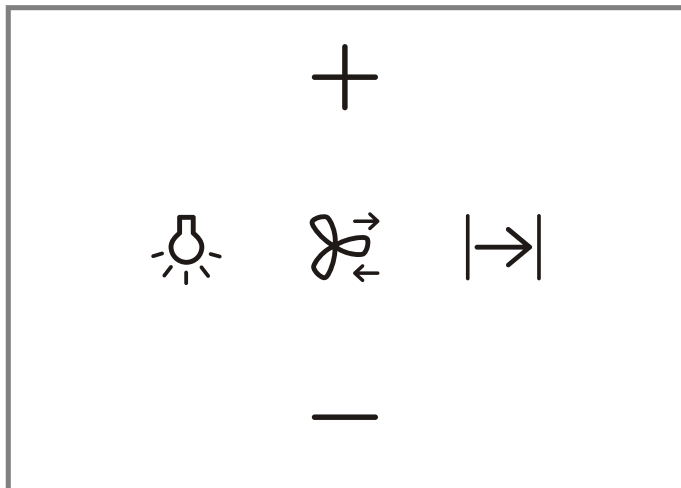


To bind odours in circulating-air mode, you must install an odour filter. The different options for operating the appliance in circulating-air mode can be found in our catalogue. Alternatively, ask your dealer. The required accessories are available from specialist retailers, from customer service or from the Online Shop.

## 5 Familiarising yourself with your appliance

### 5.1 Controls

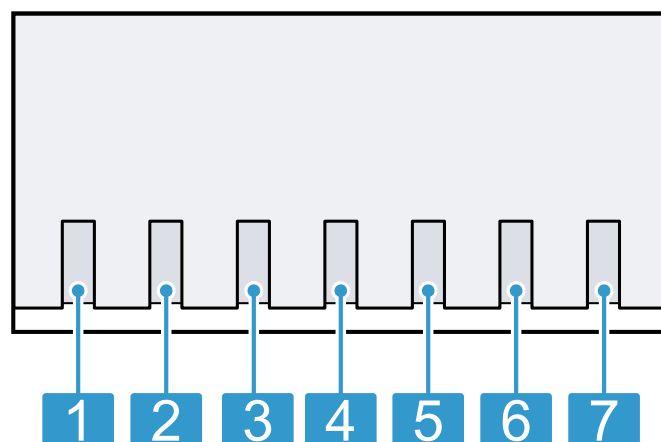
The controls are used to configure all functions of your appliance and to obtain information about the operating status.



+	Increase fan setting / intensive mode / switch on appliance
-	Decrease fan setting / switch off appliance
💡	Lighting
🌀	Intermittent mode
🌀➡	Fan run-on

### 5.2 LED display

The displays show set values and functions.



1	Fan setting 1
2	Fan setting 2
3	Fan setting 3
4	Intensive mode
5	Fan run-on
6	Intermittent mode
7	Saturation indicator

## 6 Accessories

You can buy accessories from the after-sales service, from specialist retailers or online. Only use original accessories, as these have been specifically designed for your appliance.

Accessories vary from one appliance to another. When purchasing accessories, always quote the exact product number (E no.) of your appliance. → Page 12 You can find out which accessories are available for your appliance in our catalogue, in the online shop or from our after-sales service.

[www.siemens-home.bsh-group.com](http://www.siemens-home.bsh-group.com)

Accessories	Order number
Odour filter for the CleanAir recirculation module	LZ21JCB11
CleanAir recirculation module, stainless steel	LZ21JXC51
CleanAir recirculation module, white	LZ21JXC21

## 7 Before using for the first time

Configure the settings for initial start-up. Clean the appliance and accessories.

### 7.1 Setting the appliance to air recirculation mode

Your appliance is set to air extraction mode by default. To use it in circulating-air mode, you must set the operating mode.


**Requirement:** The appliance is switched off.

- ▶ Press and hold |→| for four seconds.
- ✓ An audible signal sounds.
- ✓ The LEDs for fan settings 1, 2 and 3, the LED for intensive mode and the LED for the saturation indicator light up in the LED display.
- ✓ The appliance is set to circulating-air mode.

## 7.2 Setting the appliance to air extraction mode


Your appliance is set to air extraction mode by default. To use it in air extraction mode, you do not need to set the operating mode.

**Requirement:** The appliance is switched off.



- ▶ Press and hold  for four seconds.
- ✓ Two audible signals sound.
- ✓ The LEDs for fan speeds 1 and 2 and the LED for the saturation indicator light up in the LED display.
- ✓ The appliance is set to air extraction mode.

# 8 Basic operation

## 8.1 Switching on the appliance

- ▶ Press  to switch on the appliance.
- ✓ The appliance starts at fan setting 2.
- ✓ The LED for fan setting 2 lights up in the LED display.

## 8.2 Selecting a fan setting


- ▶ Press  or .
- ✓ The LED for the set fan setting lights up in the LED display.

## 8.3 Switching off the appliance


- ▶ Press  until the appliance switches off.

## 8.4 Switching on intensive mode

If particularly strong odours or vapours develop, you can use intensive mode.



- ▶ Press  until you hear the appliance switch into intensive mode.
- ✓ The LED for intensive mode flashes in the LED display.
- ✓ After approx. 4 minutes, the appliance automatically switches to fan setting 2.

## 8.5 Switching off intensive mode

- ▶ To select a fan setting of your choice, press .





## 8.6 Switching on intermittent ventilation

With intermittent ventilation, the appliance switches the ventilation on and off at regular intervals.

1. Switch off the appliance and the lighting.
  2. Press .
  3. Select a fan setting within 5 seconds. Fan settings 1–3 must be activated.
  4. Press .
- ✓ The appliance switches on the ventilation system for approx. 10 minutes every hour.


- ✓ The LED for intermittent ventilation and the set fan setting flash in the LED display for intermittent ventilation.

## 8.7 Switching off intermittent ventilation


- ▶ Press , ,  or .

## 8.8 Switching on the fan run-on

During the fan run-on, the appliance continues to run for a short time and then switches off automatically.

1. Switch on fan setting 1, 2 or 3.
  2. Press .
- ✓ The LED for the fan run-on and the set fan setting light up in the LED display.
  - ✓ The appliance switches off automatically after approx. 10 minutes.

## 8.9 Switching off the fan run-on

- ▶ Press .
- ✓ The fan run-on mode is then prematurely ended and the fan continues at the selected fan setting.
- ✓ The LED for the set fan level lights up in the LED display, but the LED for the fan run-on no longer lights up.

## 8.10 Switching on the lighting

The lighting can be switched on and off independently of the ventilation system.

- ▶ Press  to switch on the lighting.

## 8.11 Setting the brightness

- ▶ Press and hold .

## 8.12 Switching off the lighting

- ▶ Switch off the lighting with .



## 9 Cleaning and servicing

To keep your appliance working efficiently for a long time, it is important to clean and maintain it carefully.

### 9.1 Cleaning products

You can obtain suitable cleaning products from after-sales service or the online shop.

#### ATTENTION!

Unsuitable cleaning products may damage the surfaces of the appliance.

- ▶ Do not use harsh or abrasive detergents.
- ▶ Do not use cleaning products with a high alcohol content.
- ▶ Do not use hard scouring pads or cleaning sponges.
- ▶ Do not use any special cleaners for cleaning the appliance while it is hot.
- ▶ Only use glass cleaners, glass scrapers or stainless steel care products if recommended in the cleaning instructions for the relevant part.
- ▶ Wash sponge cloths thoroughly before use.

### 9.2 Cleaning the appliance

Clean the appliance as specified. This will ensure that the different parts and surfaces of the appliance are not damaged by incorrect cleaning or unsuitable cleaning products.

#### ⚠ WARNING – Risk of electric shock!

An ingress of moisture can cause an electric shock.

- ▶ Do not use steam- or high-pressure cleaners to clean the appliance.

#### ⚠ WARNING – Risk of burns!

The appliance will become hot during operation.

- ▶ Allow the appliance to cool down before cleaning it.

1. Observe the information regarding the cleaning agents.
2. Clean as follows, depending on the surface:
  - Clean stainless steel surfaces in the direction of the finish using a sponge cloth and hot soapy water.
  - Clean painted surfaces using a damp sponge cloth and hot soapy water.
  - Clean aluminium using a soft cloth and glass cleaner.
  - Clean plastic using a soft cloth and glass cleaner.
  - Clean glass using a soft cloth and glass cleaner.
3. Dry with a soft cloth.
4. Apply a thin layer of the stainless steel cleaning product to stainless steel surfaces using a soft cloth.

You can obtain stainless steel cleaning products from the after-sales service or the online shop.

### 9.3 Cleaning controls

#### ⚠ WARNING – Risk of electric shock!

Penetrating moisture may cause an electric shock.

- ▶ Do not use wet sponge cloths.

1. Observe the information regarding the cleaning agents.
2. Clean using a damp sponge cloth and hot soapy water.
3. Dry with a soft cloth.

### 9.4 Saturation indicator

The saturation indicator informs you when the grease filters need to be cleaned or the odour filter needs to be replaced.

The saturation indicators for the following LEDs are shown in the LED display:

- Grease filter: The LEDs for the fan settings 1 and 2 flash and the LED for the saturation indicator lights up
- Odour filter: The LEDs for fan setting 3 and intensive mode flash and the LED for the saturation indicator lights up

After cleaning the grease filters or after replacing the odour filter, you should reset the saturation indicator.

→ "Resetting the saturation indicator", Page 10

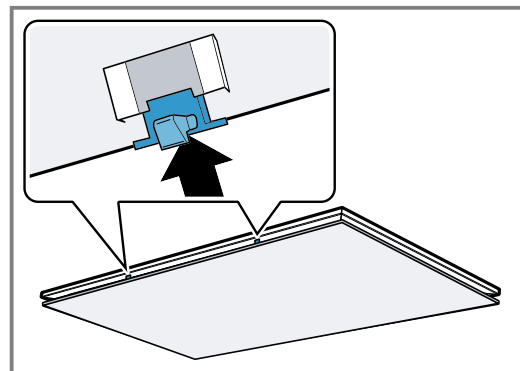
### 9.5 Removing the grease filter

#### ⚠ WARNING – Risk of injury!

The filter cover may swing out.

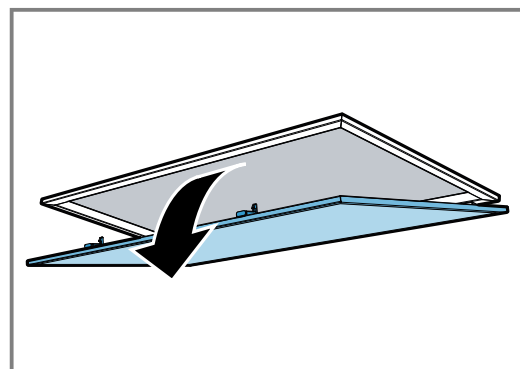
- ▶ Open the filter cover slowly.
- ▶ Take hold of the filter cover after opening until it no longer swings out.
- ▶ Close the filter cover slowly.

1. Press the lock on the filter cover.



To prevent the filter cover from swinging down suddenly, hold onto the filter cover firmly with two hands.

2. Open the filter cover by pulling it downwards.

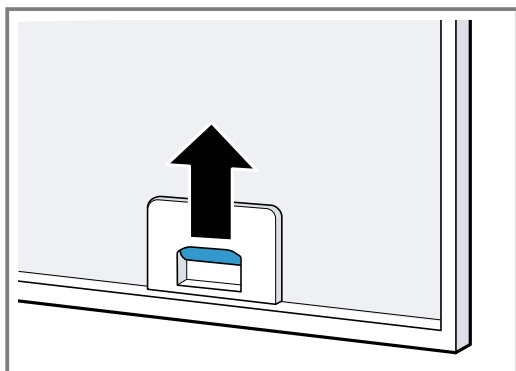


**3. ATTENTION!**

Falling grease filters may damage the hob below.

- Grip below the grease filter with one hand.

Open the locks on the grease filters.



- Remove the grease filters from the holders.  
To prevent grease from dripping, hold the grease filter horizontally.

**9.6 Cleaning grease filters manually**

The grease filters filter the grease from the cooking vapour. Regularly cleaned grease filters guarantee a high level of grease removal.

**⚠ WARNING – Risk of fire!**

Fatty deposits in the grease filters may catch fire.

- Clean the grease filters regularly.

**Requirement:** The grease filters have been removed.  
→ "Removing the grease filter", Page 8

- Observe the information regarding the cleaning agents.
- Soak the grease filter in hot soapy water.  
Use special grease solvent for stubborn dirt. You can obtain grease solvents from after-sales service or the online shop.
- Use a brush to clean the grease filters.
- Rinse the grease filters thoroughly.
- Allow the grease filters to drain.

**9.7 Cleaning grease filters in the dishwasher**

The grease filters filter the grease from the cooking vapour. Regularly cleaned grease filters guarantee a high level of grease removal.

**⚠ WARNING – Risk of fire!**

Fatty deposits in the grease filters may catch fire.

- Clean the grease filters regularly.

**ATTENTION!**

The grease filters may become damaged if they are squeezed.

- Do not squeeze the grease filters.

**Note:** When cleaning the grease filter in the dishwasher, light discolouration may occur. This discolouration has no effect on the performance of the metal grease filters.

**Requirement:** The grease filters have been removed.  
→ "Removing the grease filter", Page 8

- Observe the information regarding the cleaning agents.

- Place the grease filters loosely into the dishwasher.  
Do not clean heavily soiled grease filters with utensils.  
Use special grease solvent for stubborn dirt. You can obtain grease solvents from after-sales service or the online shop.
- Start the dishwasher.  
Select a temperature of no more than 70 °C.
- Allow the grease filters to drain.

**9.8 Fitting grease filters****ATTENTION!**

Falling grease filters may damage the hob below.

- Grip below the grease filter with one hand.

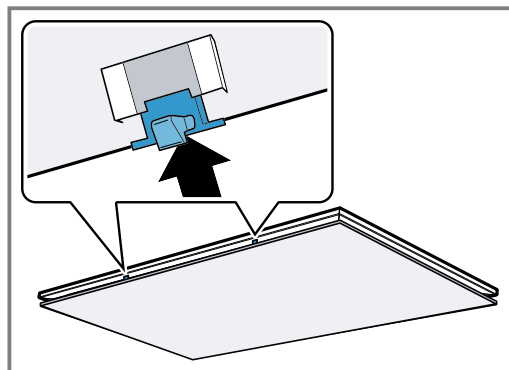
- Fit the grease filters.
- Fold the grease filters upwards and engage the locks.
- Make sure that the locks engage.
- Fold the filter cover upwards to close it.
- Make sure that the filter cover locks engage correctly.

**9.9 Removing the filter cover****⚠ WARNING – Risk of injury!**

The filter cover may swing out.

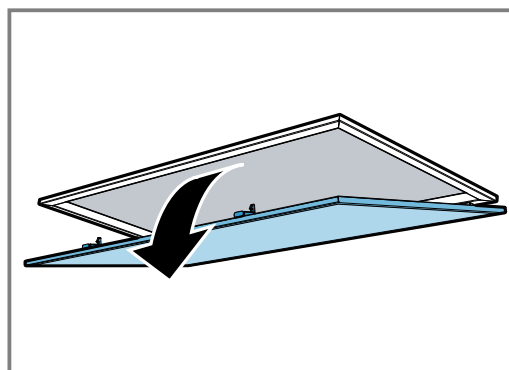
- Open the filter cover slowly.
- Take hold of the filter cover after opening until it no longer swings out.
- Close the filter cover slowly.

- Press the lock on the filter cover.



To prevent the filter cover from swinging down suddenly, hold onto the filter cover firmly with two hands.

- Open the filter cover by pulling it downwards.

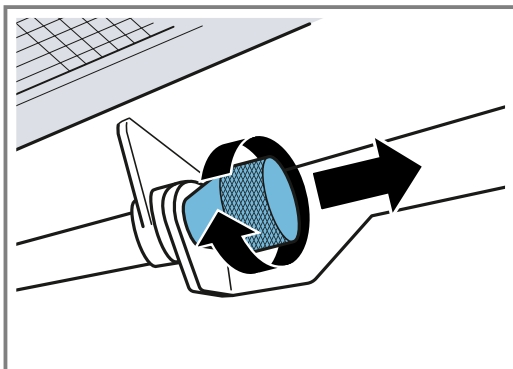


### 3. ATTENTION!

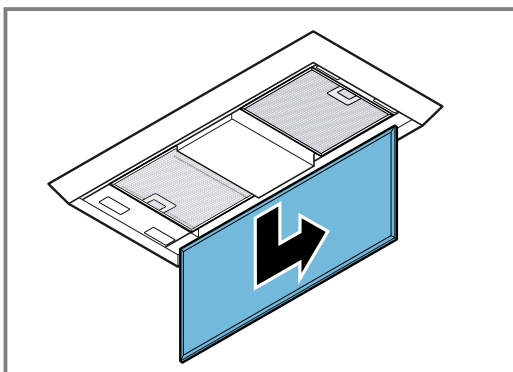
Falling grease filters may damage the hob below.

- Reach under the filter cover with one hand.

Loosen the screws on the filter cover.



### 4. Remove the filter cover.



## 9.10 Odour filter for recirculating air mode

Odour filters bind odorous substances in air recirculation mode. Regularly replaced odour filters guarantee a high level of odour removal.

With normal use (approx. one hour a day), the odour filter must be replaced every 4 months. The odour filter cannot be cleaned or regenerated.

You can obtain odour filters from the after-sales service or the online shop. Only use original odour filters.

## 9.11 Resetting the saturation indicator

**Requirement:** The saturation indicator lights up.

- Press  $\rightarrow$ .
- ✓ An audible signal sounds for approx. three seconds.
- ✓ After 20 hours, the appliance automatically switches off.

# 10 Troubleshooting

You can rectify minor faults on your appliance yourself. Read the troubleshooting information before contacting Customer Service. This will avoid unnecessary costs.

### ⚠ WARNING – Risk of injury!

Improper repairs are dangerous.

- Repairs to the appliance should only be carried out by trained specialist staff.
- If the appliance is defective, call Customer Service.

### ⚠ WARNING – Risk of electric shock!

Improper repairs are dangerous.

- Repairs to the appliance should only be carried out by trained specialist staff.

- Only use genuine spare parts when repairing the appliance.
- If the power cord of this appliance is damaged, it must be replaced by trained specialist staff.

## 10.1 Replacing defective LED lights

- Defective LED lights may be replaced by the manufacturer, their customer service or a qualified technician (electrician) only.

## 10.2 Malfunctions

Fault	Cause and troubleshooting
The appliance is not working.	The mains plug of the power cord is not plugged in.
	► Connect the appliance to the power supply.
	The circuit breaker is faulty.
	► Check the circuit breaker in the fuse box.
	There has been a power cut.
	► Check whether the lighting in your kitchen or other appliances are working.



Fault	Cause and troubleshooting
The lighting does not work.	Different causes are possible. ► Call the after-sales service. → "Customer Service", Page 12
Remote control not working.	The batteries are flat. ► → "Replacing the batteries in the remote control", Page 11
General malfunctions occur.	Malfunction 1. Switch off the fuse in the fuse box. 2. Switch the fuse back on after approx. 10 seconds. 3. If the malfunction occurs again, call after-sales service.

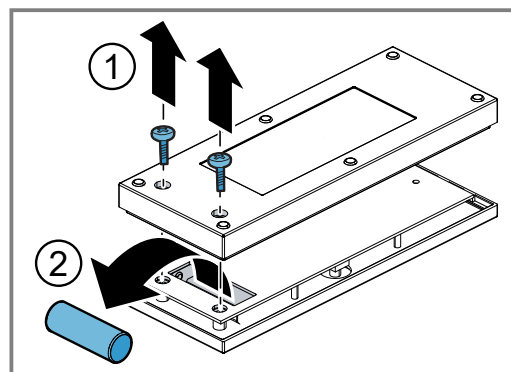
### 10.3 Replacing the batteries in the remote control

#### **WARNING – Risk of injury!**

Children may swallow batteries.

- Keep batteries out of the reach of children.
- Keep an eye on any children when you are replacing batteries.

1. Undo the screws.



2. Remove the cover.
3. Remove the old battery.
4. Correctly insert the new battery.  
Type 23ae 12 V
5. Dispose of flat or faulty batteries in accordance with local regulations.

## 11 Disposal

Find out here how to dispose of old appliances correctly.

### 11.1 Disposing of old appliance

Valuable raw materials can be reused by recycling.

1. Unplug the appliance from the mains.
2. Cut through the power cord.
3. Dispose of the appliance in an environmentally friendly manner.

Information about current disposal methods are available from your specialist dealer or local authority.



This appliance is labelled in accordance with European Directive 2012/19/EU concerning used electrical and electronic appliances (waste electrical and electronic equipment - WEEE). The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU.

### 11.2 Disposing of batteries

Batteries should be recycled in an environmentally friendly manner. Do not dispose of the batteries in the household rubbish.

- Dispose of batteries in an environmentally friendly manner.



According to the European Guideline 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

## 12 Customer Service

If you have any queries on use, are unable to rectify faults on the appliance yourself or if your appliance needs to be repaired, contact Customer Service. Function-relevant genuine spare parts according to the corresponding Ecodesign Order can be obtained from Customer Service for a period of at least 10 years from the date on which your appliance was placed on the market within the European Economic Area.

**Note:** Under the terms of the manufacturer's warranty the use of Customer Service is free of charge.

Detailed information on the warranty period and terms of warranty in your country is available from our after-sales service, your retailer or on our website.

If you contact Customer Service, you will require the product number (E-Nr.) and the production number (FD) of your appliance.

The contact details for Customer Service can be found in the enclosed Customer Service directory or on our website.

### 12.1 Product number (E-Nr.) and production number (FD)

You can find the product number (E-Nr.) and the production number (FD) on the appliance's rating plate. Depending on the model, the rating plate can be found:

- Inside the appliance (remove grease filters for access).
- On top of the appliance.

Make a note of your appliance's details and the Customer Service telephone number to find them again quickly.

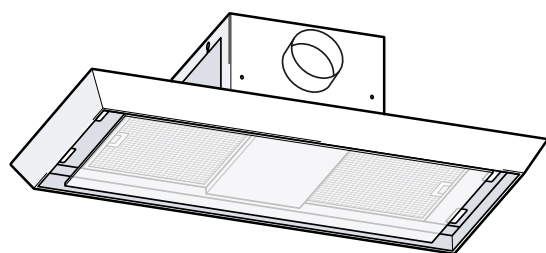
## 13 Installation instructions

Observe this information when installing the appliance.



### 13.1 Included with the appliance

After unpacking all parts, check for any damage in transit and completeness of the delivery.

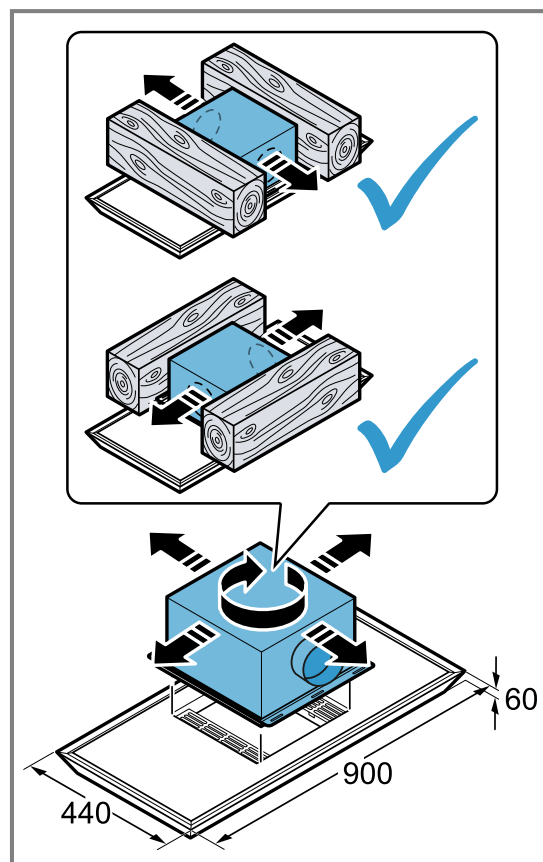


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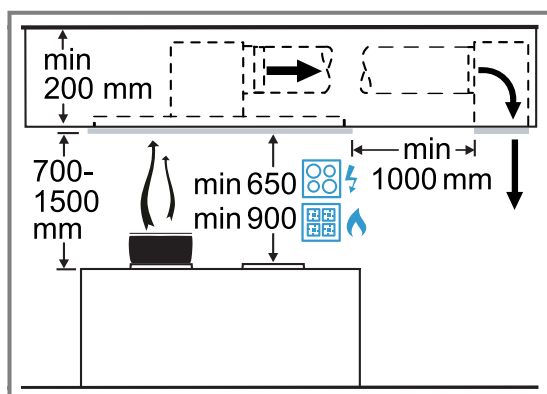
### 13.2 Appliance dimensions

You will find the dimensions of the appliance here



### 13.3 Safety clearances

Comply with the safety clearances for the appliance.

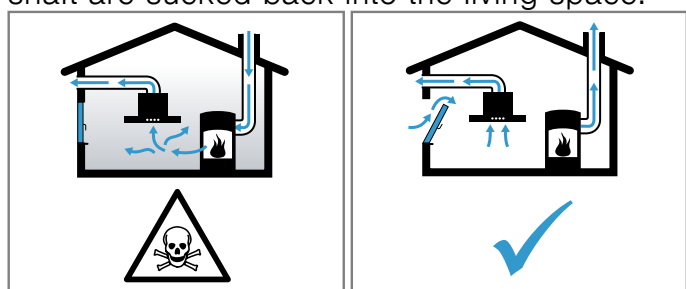


### ⚠ 13.4 Secure installation

Follow these safety instructions when installing the appliance.

#### ⚠ **WARNING – Risk of poisoning!**

Risk of poisoning from flue gases being drawn back in. Room-air-dependent heat-producing appliances (e.g. gas, oil, wood or coal-operated heaters, continuous flow heaters or water heaters) obtain combustion air from the room in which they are installed and discharge the exhaust gases into the open through an exhaust gas system (e.g. a chimney). With the extractor hood switched on, air is extracted from the kitchen and the adjacent rooms. Without an adequate supply of air, the air pressure falls below atmospheric pressure. Toxic gases from the flue or the extraction shaft are sucked back into the living space.



- ▶ Always ensure adequate fresh air in the room if the appliance is being operated in exhaust air mode at the same time as a room-air-dependent heat-producing appliance is being operated.
- ▶ It is only possible to safely operate the appliance if the pressure in the room in which the heating appliance is installed does not drop more than 4 Pa (0.04 mbar) below atmospheric pressure. This can be achieved whenever the air needed for combustion is able to enter through openings that cannot

be sealed, for example in doors, windows, incoming/exhaust air wall boxes or by other technical means. An incoming/exhaust air wall box alone does not ensure compliance with the limit.

- ▶ In any case, consult your responsible chimney sweep. They are able to assess the house's entire ventilation setup and will suggest the suitable ventilation measures to you.
- ▶ Unrestricted operation is possible if the appliance is operated exclusively in circulating-air mode.

Risk of poisoning from flue gases being drawn back in.

- ▶ If an extractor hood with an open-flued heat production source is installed, the power supply for the extractor hood must be provided with a suitable safety switch.

Risk of poisoning from flue gases being drawn back in.

- ▶ Do not emit the exhaust air into a smoke or exhaust gas flue that is in operation.
- ▶ Do not emit the exhaust air into a shaft that is used to ventilate installation rooms for heat-producing appliances.
- ▶ If the exhaust air is to be conveyed into a smoke or exhaust gas flue, you must obtain the consent of the heating engineer responsible.

#### ⚠ **WARNING – Risk of suffocation!**

Children may put packaging material over their heads or wrap themselves up in it and suffocate.

- ▶ Keep packaging material away from children.
- ▶ Do not let children play with packaging material.

#### ⚠ **WARNING – Risk of fire!**

Grease deposits in the grease filter may catch fire.

- ▶ The specified safety clearances must be complied with in order to prevent a build-up of heat.
- ▶ Observe the specifications for your cooking appliances. If the installation instructions for the cooking appliances specify a different clearance, the larger of the two must always be provided for. If gas hobs and electric hobs are operated together, the largest specified clearance applies.



Grease deposits in the grease filter may catch fire.

- ▶ Never work with naked flames close to the appliance (e.g. flambéing).
- ▶ Do not install the appliance near a heat-producing appliance for solid fuel (e.g. wood or coal) unless a closed, non-removable cover is available. There must be no flying sparks.

### **⚠ WARNING – Risk of injury!**

Components inside the appliance may have sharp edges.

- ▶ Wear protective gloves.

The appliance may fall down if it has not been properly fastened in place.

- ▶ All fastening components must be fixed firmly and securely in place.

The appliance is heavy.

- ▶ To move the appliance, two people are required.

- ▶ Use only suitable tools and equipment.

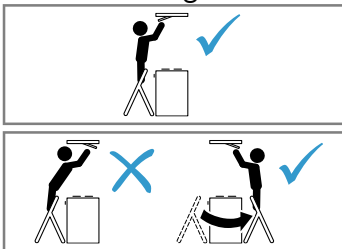
The appliance is heavy.

- ▶ The appliance must not be fitted directly onto plasterboard or similar lightweight materials.
- ▶ To ensure correct installation, you must use a material which is sufficiently stable and suitable for both the structural conditions and the weight of the appliance.

Changes to the electrical or mechanical assembly are dangerous and may lead to malfunctions.

- ▶ Do not make any changes to the electrical or mechanical assembly.

Risk of falling when working on the appliance



- ▶ Use a stable stepladder.
- ▶ Do not lean over the hob.
- ▶ Do not step on the hob or the work surface.

The filter cover may swing out.

- ▶ Open the filter cover slowly.
- ▶ Take hold of the filter cover after opening until it no longer swings out.
- ▶ Close the filter cover slowly.

Risk of injury when opening and closing the hinges.

- ▶ Keep your hands away from the hinges.

### **⚠ WARNING – Risk of electric shock!**

Sharp-edged components inside the appliance may damage the connecting cable.

- ▶ Do not kink or trap the connecting cable. If the appliance or the power cord is damaged, this is dangerous.

- ▶ Never operate a damaged appliance.

- ▶ Never pull on the power cord to unplug the appliance. Always unplug the appliance at the mains.

- ▶ If the appliance or the power cord is damaged, immediately unplug the power cord or switch off the fuse in the fuse box.

- ▶ Call customer services. → *Page 12*

Incorrect repairs are dangerous.

- ▶ Repairs to the appliance should only be carried out by trained specialist staff.

- ▶ Only use genuine spare parts when repairing the appliance.

- ▶ If the power cord of this appliance is damaged, it must be replaced by trained specialist staff.

Incorrect installation is dangerous.

- ▶ Connect and operate the appliance only in accordance with the specifications on the rating plate.

- ▶ Connect the appliance to a power supply with alternating current only via a properly installed socket with earthing.

- ▶ The protective conductor system of the domestic electrical installation must be properly installed.

- ▶ Never equip the appliance with an external switching device, e.g. a timer or remote control.

- ▶ When the appliance is installed, the mains plug of the power cord must be freely accessible. If free access is not possible, an all-pole isolating switch must be installed in the permanent electrical installation according to the conditions of Overvoltage Category III and according to the installation regulations.

- ▶ When installing the appliance, check that the power cable is not trapped or damaged.

## 13.5 General information

Follow these general instructions during the installation.

- For the installation, observe the currently valid building regulations and the regulations of the local electricity and gas suppliers.
- When discharging the exhaust air, the official and legal regulations, such as the regional building code., must be observed.
- In order to freely access the appliance for servicing, select an easy-to-reach installation site.
- The surfaces of the appliance are sensitive. Avoid damaging them during installation.

## 13.6 Instructions for the electrical connection

In order to safely connect the appliance to the electrical system, follow these instructions.

### **WARNING – Risk of electric shock!**

It must always be possible to disconnect the appliance from the electricity supply. The appliance must only be connected to a protective contact socket that has been correctly installed.

- ▶ The mains plug for the mains power cable must be easily accessible after the appliance is installed.
- ▶ If this is not possible, an all-pole isolating switch must be integrated into the permanent electrical installation according to the conditions of overvoltage category III and according to the installation regulations.
- ▶ The permanent electrical installation must only be wired by a professional electrician. We recommend installing a residual-current circuit breaker (RCCB) in the appliance's power supply circuit.

Sharp-edged components inside the appliance may damage the connecting cable.

- ▶ Do not kink or trap the connecting cable.
- The connection data can be found on the rating plate. → *Page 12*
- The connecting cable is approx. 1.30 m long.
- This appliance complies with the EC interference suppression regulations.
- The appliance corresponds to protection class 1. You should therefore only use the appliance with a protective earth connection.
- Do not connect the appliance to the power supply during installation.
- Only a licensed professional may connect appliances without plugs. They are subject to the requirements of the local electricity provider.

## 13.7 Information on the installation situation

- Install this appliance on the kitchen ceiling or a stable suspended ceiling.
- To install additional special accessory parts, observe the enclosed installation instructions.
- The appliance finds it more difficult to draw in the cooking vapours the further away they are from the hotplate. For optimum performance, a distance of at least 900 mm for gas hobs and 650 mm for electrical hobs and a maximum of 1500 mm is recommended.
- The width of the extractor hood must correspond at least with the width of the hob.

- To optimally detect the cooking vapours, install the appliance in the middle of the hob.

## 13.8 Instructions for the exhaust air pipe

The appliance manufacturer does not provide any warranty for faults attributable to the pipeline.

- Use a short, straight exhaust air pipe with as large a pipe diameter as possible.
- Long, rough exhaust air pipes, many pipe bends or small pipe diameters reduce the suction power and increase the fan noise.
- Use an exhaust pipe that is made of non-combustible material.
- To prevent condensate from returning, fit the exhaust pipe with a 1° gradient from the appliance.

### Round pipes

Use round pipes with an inner diameter of 150 mm (recommended) or at least 120 mm.

### Flat ducts

Use flat ducts with an inner cross-section that corresponds to the diameter of the round pipes:

- Diameter of 150 mm corresponds to approx. 177 cm<sup>2</sup>.
- Diameter of 120 mm corresponds to approx. 113 cm<sup>2</sup>.
- Use sealing strips for different pipe diameters.
- Do not use any flat ducts with sharp bends.

## 13.9 Instructions for the air extraction mode

For air extraction mode, a one-way flap should be installed.

### Notes

- If a one-way flap is not included with the appliance, one can be ordered from a specialist retailer.
- If the exhaust air is conveyed through the external wall, a telescopic duct should be used.

## 13.10 Information about circulating-air mode

The appliance must only be operated when it is securely installed and the pipework is connected.

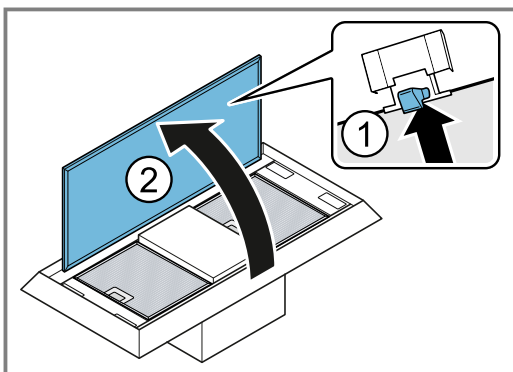
## 13.11 Installation

### Checking the ceiling

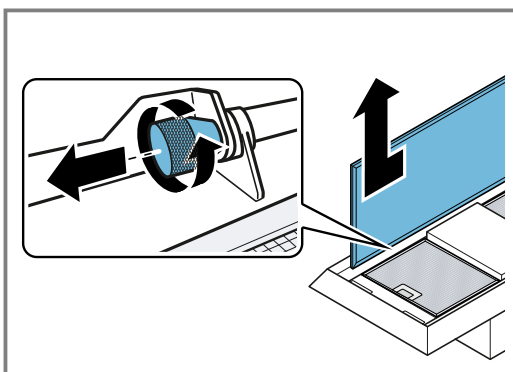
1. Check whether the ceiling is horizontal and adequately load-bearing.  
The maximum weight of the appliance is 18 kg. Do not fit the appliance directly onto plasterboard (or similar lightweight materials) in a suspended ceiling.
2. Drill the hole depth in accordance with the length of the screws.
3. Install the appliance with a fixing material which is sufficiently stable and has been adjusted accordingly for both the structural conditions and the weight of the appliance.
4. Check the cut-out area for existing cables of other appliances.

## Preparing the appliance

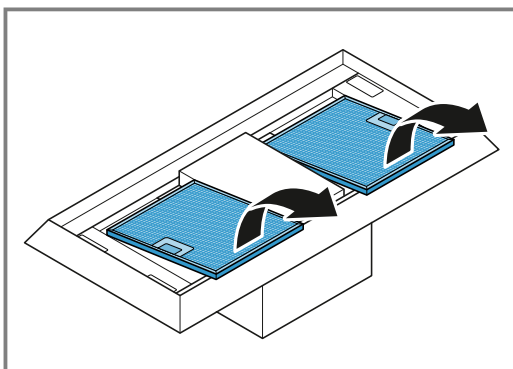
1. Push the locking mechanism together with two hands ①, take hold of the filter cover and open it ②.



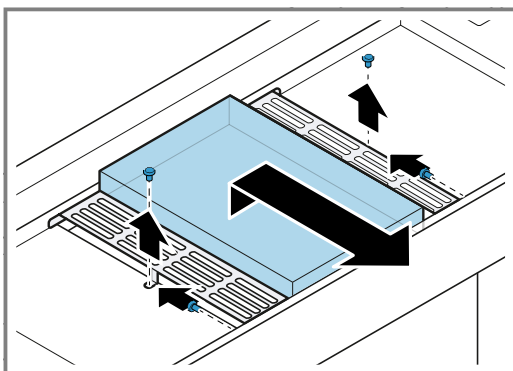
2. Remove the filter cover.



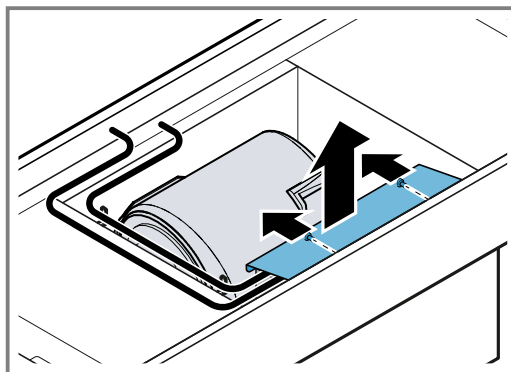
3. Remove the grease filters.



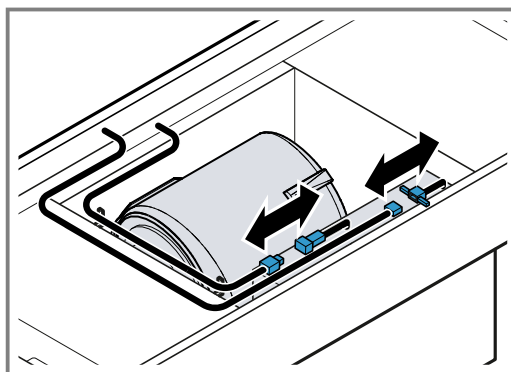
4. Remove the motor cover.



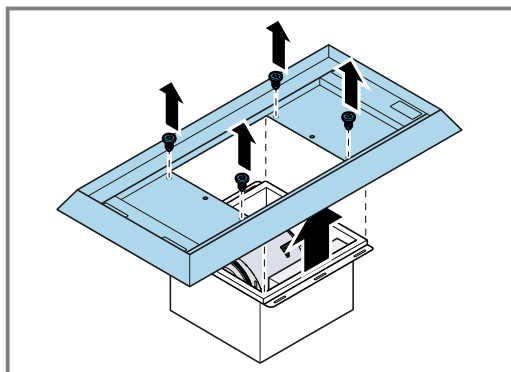
5. Remove the cable cover.



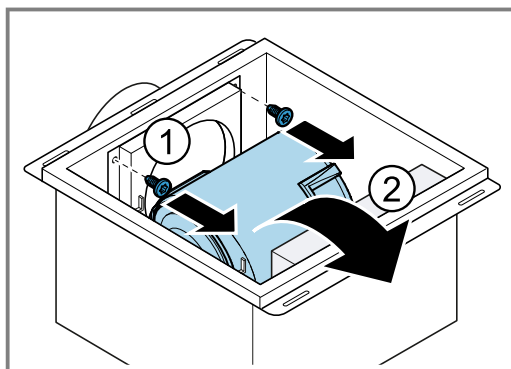
6. Loosen both plug connections and release the cables from the cable holders.



7. Remove the view frame.

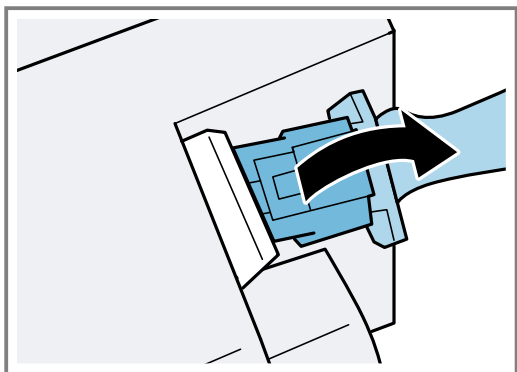


8. Remove the motor.

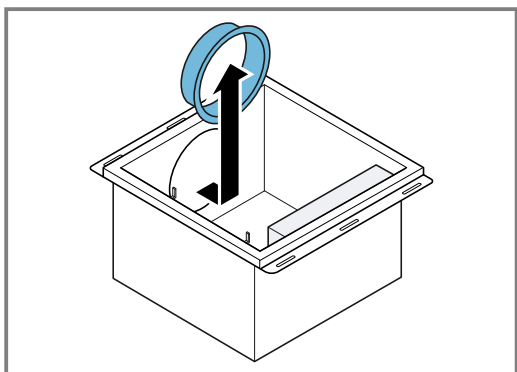




9. Disconnect the power supply from the motor.



10. Remove the air pipe connector.

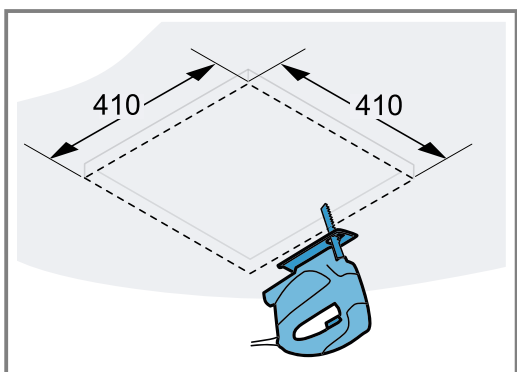


## Preparing the ceiling

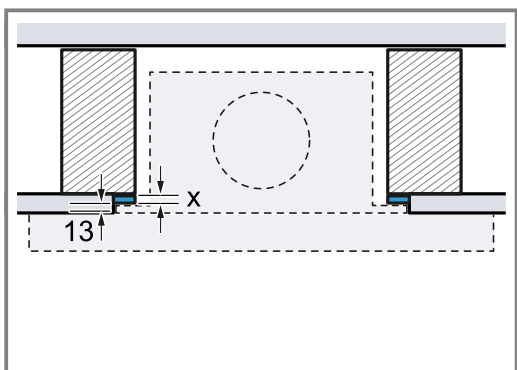
### Requirements

- The ceiling must be heat-resistant up to 90 °C.
- The ceiling must still be sturdy after the cut-outs have been made.

1. Saw a cut-out into the ceiling.



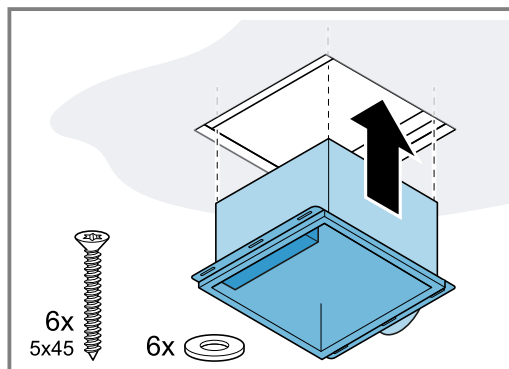
2. If required, compensate for the ceiling thickness by 13 mm by placing wood underneath.



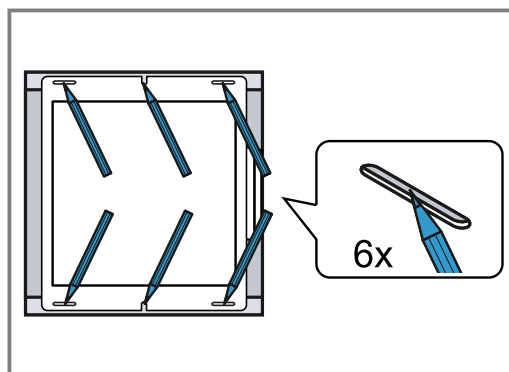
3. Remove any shavings.

## Installing the appliance

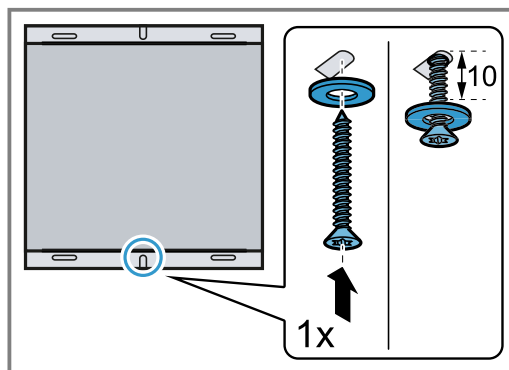
1. Disconnect the appliance from the power supply. Unplug the appliance from the mains or switch off the circuit breaker in the fuse box.
2. Insert the motor block in the ceiling.



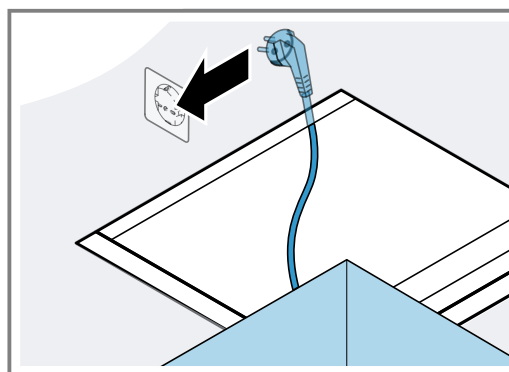
3. Align the motor block, mark the drill holes, and set the motor block down again.



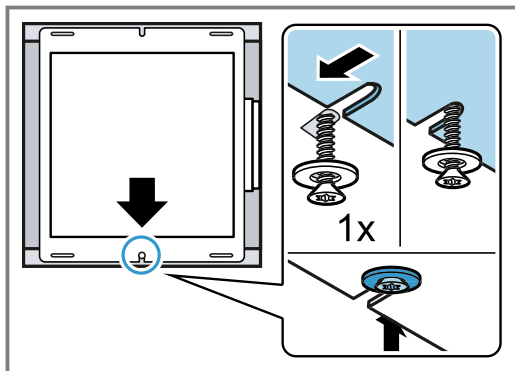
4. Screw in one of the two middle screws, but do not screw it in completely.



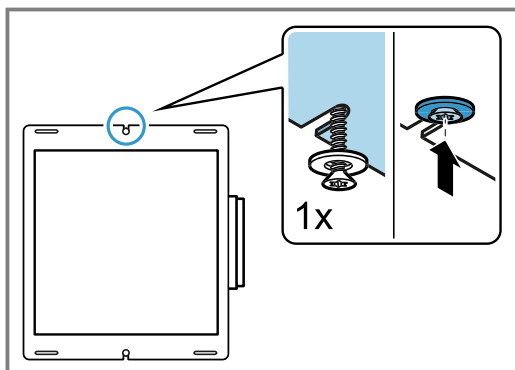
5. Plug the mains plug into the earthed socket.



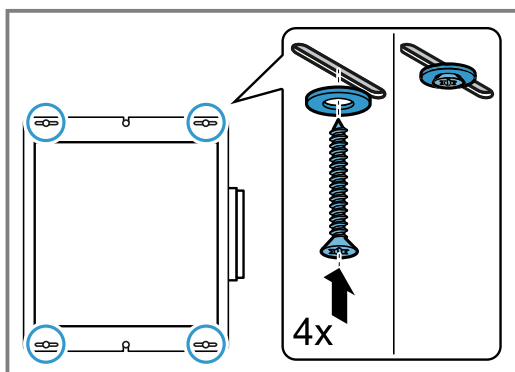
6. Hook the motor block into the central screw and tighten the screw.



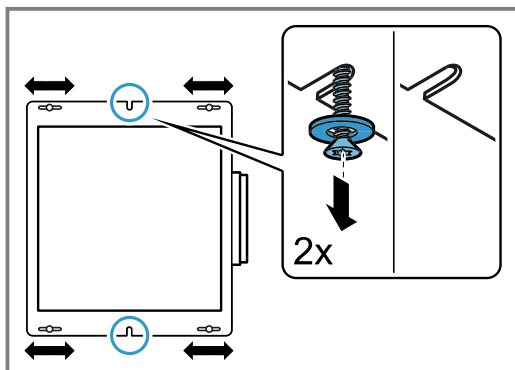
7. Tighten the second central screw.



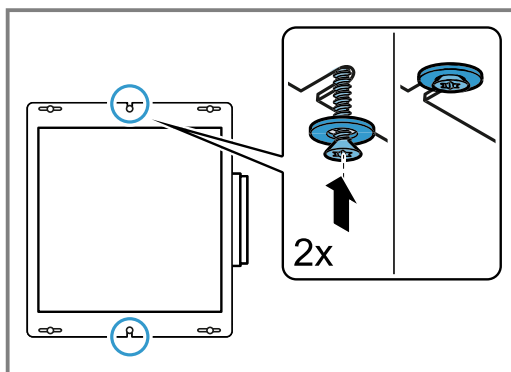
8. Screw in the remaining four screws loosely; do not tighten them fully.



9. Loosen the two central screws again.

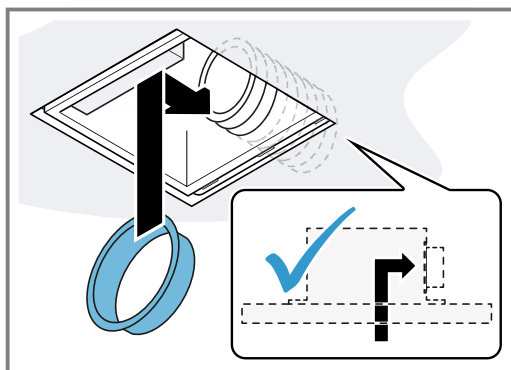


10. Align the motor block and tighten all of the screws.

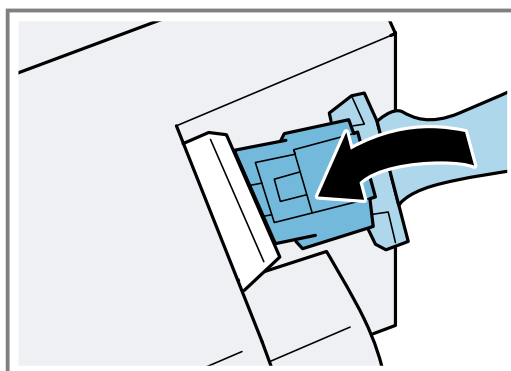


11. Connect the exhaust air pipe.

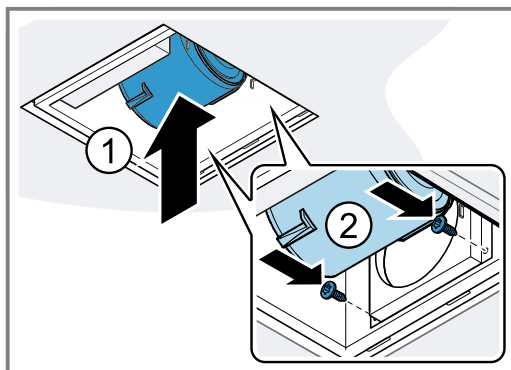
12. Fit the air pipe connector.



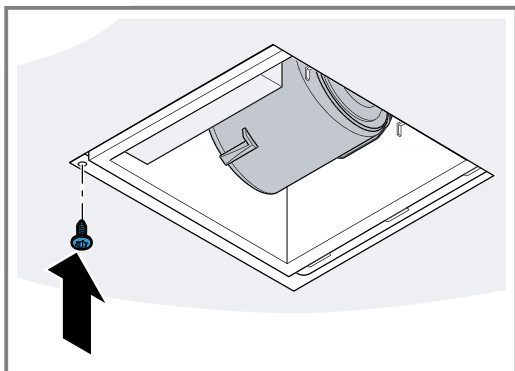
13. Insert the power cable into the motor.



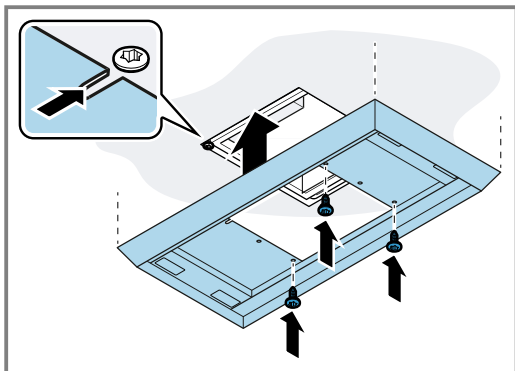
14. Insert the motor into the motor block ① and screw it in tightly ②.



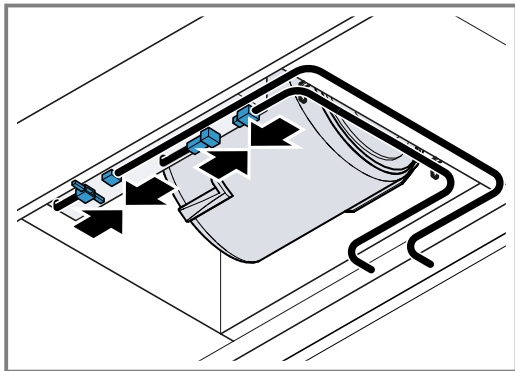
- 15.** Secure the screw for the elongated hole in the view frame on the motor block, but do not screw it in completely.



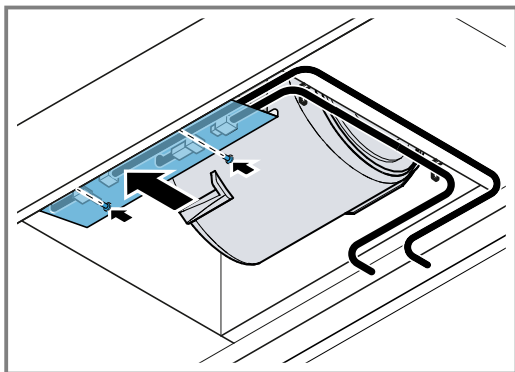
- 16.** Hook the view frame onto the elongated hole and tighten all of the screws.



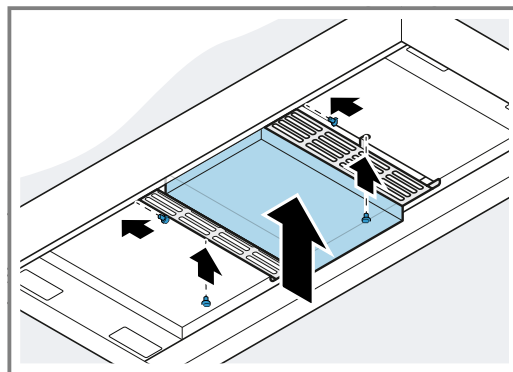
- 17.** Insert both plug connections and hook on the cables.



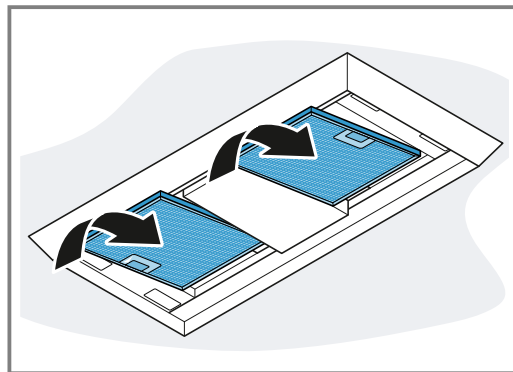
- 18.** Fit the cable cover.



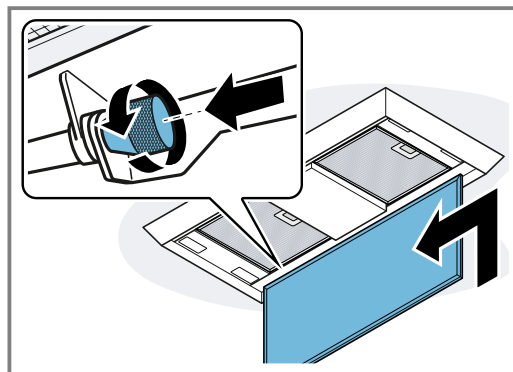
- 19.** Fit the motor cover.



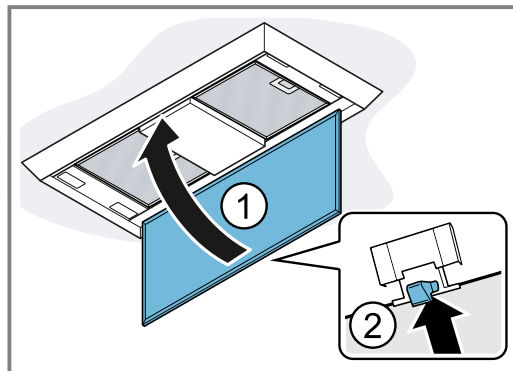
- 20.** Fit the grease filters.



- 21.** Fit the filter cover.



- 22.** Close the filter cover ① and engage the lock ②.



- 23.** Insert the mains plug and switch on the fuse again.

### Removing the appliance

#### **⚠ WARNING – Risk of injury!**

Components inside the appliance may have sharp edges.

- Wear protective gloves.

1. Disconnect the appliance from the power supply.

- 2.** Open the filter cover.
- 3.** Remove the filter cover.
- 4.** Remove the grease filters.  
To avoid causing damage, do not bend the grease filters.
- 5.** Remove the motor cover.
- 6.** Disconnect the power connections between the view frame and motor.
- 7.** Remove the view frame.
- 8.** Remove the motor.
- 9.** Remove the exhaust pipe from the air pipe connector.
- 10.** Remove the motor block.
- 11.** Disconnect the appliance from the power supply.



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A series of horizontal lines for writing, spanning the width of the page.

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