

**SIEMENS**



## Extractor hood

LC21BD552

[siemens-home.bsh-group.com/welcome](https://siemens-home.bsh-group.com/welcome)

[en] Instruction manual

Register  
your  
product  
online



# en Table of contents

<b>Important safety information</b> .....	<b>3</b>
<b>Environmental protection</b> .....	<b>5</b>
Environmentally-friendly disposal.....	5
<b>Operating modes</b> .....	<b>5</b>
Exhaust air mode.....	5
Circulating-air mode.....	5
<b>Operation</b> .....	<b>6</b>
Control panel.....	6
Setting the fan.....	6
Intensive setting.....	6
Automatic mode.....	6
Sensor control.....	6
Lighting.....	6

Saturation display.....	6
Audible signal.....	7
<b>Cleaning and maintenance</b> .....	<b>7</b>
<b>Trouble shooting</b> .....	<b>8</b>
<b>After-sales service</b> .....	<b>9</b>
Accessories for circulating-air mode.....	9

Additional information on products, accessories, replacement parts and services can be found at [www.siemens-home.bsh-group.com](http://www.siemens-home.bsh-group.com) and in the online shop [www.siemens-home.bsh-group.com/eshops](http://www.siemens-home.bsh-group.com/eshops)

## ⚠ Important safety information

Read these instructions carefully. Only then will you be able to operate your appliance safely and correctly. Retain the instruction manual and installation instructions for future use or for subsequent owners.

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.

This appliance is intended for domestic use and the household environment only. The appliance is not intended for use outside. Do not leave the appliance unattended during operation. The manufacturer is not liable for damage which is caused by improper use or incorrect operation.

This appliance may be used by children over the age of 8 years old and by persons with reduced physical, sensory or mental capabilities or by persons with a lack of experience or knowledge if they are supervised or are instructed by a person responsible for their safety how to use the appliance safely and have understood the associated hazards.

Children must not play with, on, or around the appliance. Children must not clean the appliance or carry out general maintenance unless they are at least 8 years old and are being supervised.

Keep children below the age of 8 years old at a safe distance from the appliance and power cable.

Check the appliance for damage after unpacking it. Do not connect the appliance if it has been damaged in transport.

This appliance is not intended for operation with an external clock timer or a remote control.

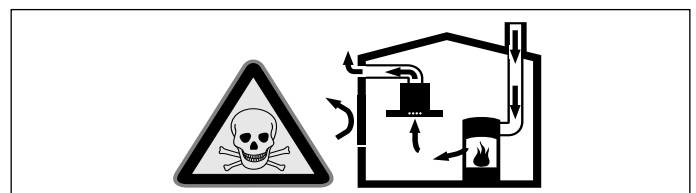
### **Danger of suffocation!**

Packaging material is dangerous to children. Never allow children to play with packaging material.

### **Danger of death!**

Risk of poisoning from flue gases that are drawn back in.

Always ensure adequate fresh air in the room if the appliance is being operated in exhaust air mode at the same time as room air-dependent heat-producing appliance is being operated.

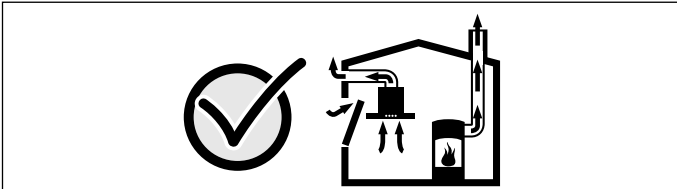


Room air-dependent heat-producing appliances (e.g. gas, oil, wood or coal-operated heaters, continuous flow heaters or water heaters) obtain combustion air from the room in which they are installed and discharge the exhaust gases into the open air through an exhaust gas system (e.g. a chimney).

In combination with an activated vapour extractor hood, room air is extracted from the kitchen and neighbouring rooms - a partial vacuum is produced if not enough fresh air is supplied. Toxic gases from the chimney or the extraction shaft are sucked back into the living space.

- Adequate incoming air must therefore always be ensured.
- An incoming/exhaust air wall box alone will not ensure compliance with the limit.

Safe operation is possible only when the partial vacuum in the place where the heat-producing appliance is installed does not exceed 4 Pa (0.04 mbar). This can be achieved when 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.



In any case, consult your responsible Master Chimney Sweep. He is able to assess the house's entire ventilation setup and will suggest the suitable ventilation measures to you.

Unrestricted operation is possible if the vapour extractor hood is operated exclusively in the circulating-air mode.

### **Risk of fire!**

- Grease deposits in the grease filter may catch fire.

#### **Clean the grease filter at least every 2 months.**

Never operate the appliance without the grease filter.

- 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.
- Hot oil and fat can ignite very quickly. Never leave hot fat or oil unattended. Never use water to put out burning oil or fat. Switch off the hotplate. 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 several gas burners at the same time gives rise to a great deal of heat. A ventilation appliance installed above the cooker may become damaged or catch fire. Never operate two gas burners simultaneously on the highest flame for longer than 15 minutes. One large burner of more than 5 kW (wok) is equivalent to the power of two gas burners.

### **Risk of burns!**

The accessible parts become very hot when in operation. Never touch hot parts. Keep children at a safe distance.

### **Risk of injury!**

- Components inside the appliance may have sharp edges. Wear protective gloves.
- Items placed on the appliance may fall down. Do not place any objects on the appliance.
- 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.

### **Risk of electric shock!**

- A defective appliance may cause electric shock. Never switch on a defective appliance. Unplug the appliance from the mains or switch off the circuit breaker in the fuse box. Contact the after-sales service.
- Incorrect repairs are dangerous. Repairs may only be carried out and damaged power cables replaced by one of our trained after-sales technicians. If the appliance is defective, unplug the appliance from the mains or switch off the circuit breaker in the fuse box. Contact the after-sales service.
- Do not use any high-pressure cleaners or steam cleaners, which can result in an electric shock.

## Causes of damage

### Caution!

Risk of damage due to corrosion. Always switch on the appliance while cooking to avoid condensation. Condensate can produce corrosion damage.

Always replace faulty bulbs to prevent the remaining bulbs from overloading.

Risk of damage due to ingress of humidity into the electronic circuitry. Never clean operator controls with a wet cloth.

Surface damage due to incorrect cleaning. Clean stainless steel surfaces in the direction of the grain only. Do not use any stainless steel cleaners for operator controls.

Surface damage due to strong or abrasive cleaning agents. Never use strong and abrasive cleaning agents.

Risk of damage from returning condensate. Install the exhaust duct in such a way that it falls away from the appliance slightly (1° slope).

---

## Environmental protection

### Environmentally-friendly disposal

Dispose of packaging in an environmentally-friendly manner.



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.

---

## Operating modes

This appliance can be used in exhaust-air mode or circulating-air mode.

### Exhaust air mode



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

**Note:** The exhaust air must not be conveyed into a functioning smoke or exhaust gas flue or into a shaft which is used to ventilate installation rooms which contain heat-producing appliances.

- Before conveying the exhaust air into a non-functioning smoke or exhaust gas flue, obtain the consent of the heating engineer responsible.
- If the exhaust air is conveyed through the outer wall, a telescopic wall box should be used.

### Circulating-air mode



The air which is drawn in is cleaned by the grease filters and an activated carbon filter and conveyed back into the kitchen.

#### Notes

- To bind odours in circulating-air mode, you must install an activated carbon filter. The different options for operating the appliance in circulating-air mode can be found in the brochure. Alternatively, ask your dealer. The required accessories are available from specialist retailers, from customer service or from the Online Shop.
- For appliances with an additional internal filter, only the CleanAir recirculation module (see Accessories for circulating-air mode) can be used.

# Operation

These instructions apply to several appliance variants. It is possible that individual features are described which do not apply to your appliance.

**Note:** Switch on the extractor hood when you start cooking and switch it off again several minutes after you have finished cooking. This is the most effective way of removing the kitchen fumes.

## Control panel

### Control panel



### Explanation

ⓘ	Fan on/off
☹	Light on/off/dimming
-	Reduce the fan settings
+	Increase the fan settings/intensive setting 1, 2
b	Boost function (short-term maximum power)
auto	Automatic mode with fan run-on time

## Setting the fan

**Note:** Always adjust the fan strength to meet current conditions. If there is a large build-up of steam or fumes, select a high fan setting.

### Switching on the appliance

1. Press the ⓘ button.  
The fan starts at fan setting 2.

2. Press the + or - buttons to set a different fan setting.

### Switching off the appliance

Press the ⓘ button.

## Intensive setting

You can use the intensive setting if there is a large build-up of odours and fumes/vapours.

1. Press and hold the + button until fan setting 3 appears in the display panel.
2. Press the + button.  
Intensive mode int 1 is activated.
3. Press the + button.  
Intensive mode int 2 is activated.

**Note:** The run time of the intensive mode is approx. 6 minutes. Once this time has elapsed, the appliance switches back to the lower fan setting.

4. Press the - button until the required fan setting is reached.  
The intensive mode ends.

### Boost function

The boost function is a short-term maximum power setting which can be activated in any fan setting.

Press the b button.

After approx. 20 seconds, the fan switches back to the previously set fan setting.

## Automatic mode

### Switching on the appliance

1. Press the ⓘ button.  
The fan starts at fan setting 2.
2. Press the auto button.  
The optimum fan setting 1, 2 or 3 is set automatically by a sensor.

### Switching off the appliance

Press the auto or ⓘ button.

Automatic mode is switched off.

The fan switches off automatically if the sensor no longer detects a change in the air quality of the room. The maximum run time of automatic mode is 4 hours.

## Sensor control

In automatic mode, a sensor in the extractor hood detects the intensity of the cooking and roasting fumes. Depending on the setting of the sensor, the fan automatically switches to another fan speed.

Default sensitivity setting: 5

Lowest sensitivity setting: 0

Highest sensitivity setting: 9

### Changing the sensitivity of the sensor

If the sensor control reacts too quickly or too slowly, change the sensitivity setting.

1. When the fan is switched off, press and hold the auto button for approx. 4 seconds.  
The setting is displayed.
2. Press the + or - button to change the sensitivity setting.
3. Press and hold the auto button for approx. 4 seconds.  
The modification is saved.

## Lighting

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

Press the ☹ button.

### Setting the brightness

Press and hold the ☹ button until the desired brightness is reached.

## Saturation display

When the metal grease filters or the activated charcoal filter are saturated, a signal sounds for approx. 4 seconds after the fan is switched off.

The corresponding symbols appear in the display panel:

- Metal grease filter: ☒
- Activated charcoal filter: ↓↑
- Metal grease filter and activated charcoal filter: ☒ and ↓↑ flash alternately

When this happens, do not delay cleaning the metal grease filters and/or replacing the activated charcoal filter any further; see section *Cleaning and maintenance* and follow the installation instructions supplied with the accessories.

### Resetting a saturation indicator

Press and hold the - button until the saturation indicator no longer flashes.




The saturation indicator is reset.

## Resetting the saturation displays



1. Press and hold the - button until the saturation indicator for the metal grease filter no longer flashes.  
The saturation indicator for the metal grease filter is reset.
2. Press and hold the - button until the saturation indicator for the activated charcoal filter no longer flashes.  
The saturation indicator for the activated charcoal filter is reset.

## Switching over the display for circulating-air mode

For air recirculation mode, the electronic control display must be switched over accordingly:


1. Check whether the extractor hood is connected and switched off.
2. Press and hold the  and **auto** buttons at the same time until the symbol  is illuminated for the starter set for air recirculation or the symbol  is illuminated for the CleanAir air recirculation module.  
The electronic control is switched over to air recirculation.

## Switching over the display for exhaust air mode


1. Check whether the extractor hood is connected and switched off.
2. Press and hold the  and **auto** buttons at the same time until the symbol  is displayed.  
The electronic control is switched back to air extraction.

## Audible signal

### Switching on

1. Switch off the fan.
2. Press and hold the  and + buttons until an audible signal sounds.  
The audible signal is switched on.

### Switching off

1. Switch off the fan.
2. Press and hold the  and + buttons until an audible signal sounds.  
The audible signal is switched off.

# Cleaning and maintenance

## Risk of burns!

The appliance will become hot during operation, especially near the bulbs. Allow the appliance to cool down before cleaning.

## Risk of electric shock!

Penetrating moisture may result in an electric shock. Clean the appliance using a damp cloth only. Before cleaning, pull out the mains plug or switch off the circuit breaker in the fuse box.

## Risk of electric shock!

Do not use any high-pressure cleaners or steam cleaners, which can result in an electric shock.

## Risk of injury!

Components inside the appliance may have sharp edges. Wear protective gloves.

## Cleaning agents

Observe the information in the table to ensure that the different surfaces are not damaged by using the wrong type of cleaning agent. Do not use

- harsh or abrasive cleaning agents,
- cleaning agents with a high concentration of alcohol,
- hard scouring pads or sponges,
- high-pressure cleaners or steam cleaners.

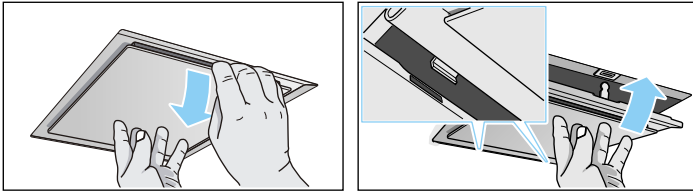
Wash new sponge cloths thoroughly before use.

Follow all instructions and warnings included with the cleaning agents.

Area	Cleaning agents
Stainless steel	Hot soapy water: Clean with a dish cloth and dry with a soft cloth.  Clean stainless steel surfaces in the direction of the grain only.  Special stainless steel cleaning products are available from our after-sales service or from specialist retailers. Apply a very thin layer of the cleaning product with a soft cloth.
Painted surfaces	Hot soapy water: Clean using a damp dish cloth and dry with a soft cloth/towel.  Do not use any stainless steel cleaners.
Aluminium and plastic	Glass cleaner: Clean with a soft cloth.
Glass	Glass cleaner: Clean with a soft cloth. Do not use a glass scraper.
Operating controls	Hot soapy water: Clean using a damp dish cloth and dry with a soft cloth.  Risk of damage to the electronics from penetrating moisture. Never clean operator controls with a wet cloth.  Do not use any stainless steel cleaners.

## Removing metal grease filter

1. Open the lock and fold down the metal grease filter. While doing this, place your other hand under the metal grease filter.
2. For edge extraction filters, pull the metal grease filter downwards. While doing this, place your other hand under the metal grease filter.



### Notes

- Grease may accumulate in the bottom of the metal grease filter.
  - Hold the metal grease filter level to prevent grease from dripping out.
3. Clean the metal grease filter.

## Cleaning the metal mesh grease filters

These instructions apply to several appliance variants. It is possible that individual features are described which do not apply to your appliance.

### Risk of fire!

Grease deposits in the grease filter may catch fire.

**Clean the grease filter at least every 2 months.**

Never operate the appliance without the grease filter.

### Notes

- Do not use any aggressive, acidic or alkaline cleaning agents.
- When cleaning the metal mesh grease filters, also clean the holder for the metal mesh grease filters in the appliance using a damp cloth.
- The metal mesh grease filters can be cleaned in the dishwasher or by hand.

### In the dishwasher:

**Note:** If the metal mesh grease filters are cleaned in the dishwasher, slight discolouration may occur. This has no effect on the function of the metal mesh grease filters.

- Do not clean heavily soiled metal mesh grease filters together with utensils.
- Place the metal mesh grease filters loosely in the dishwasher. The metal mesh grease filters must not be wedged in.

### By hand:

**Note:** You can use a special grease solvent for stubborn dirt. It can be ordered via the Online Shop.

- Soak the metal mesh grease filters in a hot soapy solution.
- Clean the filters with a brush and then rinse them thoroughly.
- Leave the metal mesh grease filters to drain.

## Installing the metal mesh grease filter

1. Insert the metal mesh grease filter.  
While doing this, place the other hand under the metal mesh grease filter.
2. Fold the metal mesh grease filter upwards, locking it in place.

## Trouble shooting

Malfunctions often have simple explanations. Please read the following notes before calling the after-sales service.

### Risk of electric shock!

Incorrect repairs are dangerous. Repairs may only be carried out and damaged power cables replaced by one of our trained after-sales technicians. If the appliance is defective, unplug the appliance from the mains or switch off the circuit breaker in the fuse box. Contact the after-sales service.

### LED lights

Defective LED lights must only be replaced by the manufacturer, their customer service department or a licensed technician (electrician).

## Fault table

Problem	Possible cause	Solution
The appliance does not work	The plug is not plugged in.	Connect the appliance to the electricity supply
	Power cut	Check whether other kitchen appliances are working
	Faulty fuse	Check in the fuse box to make sure that the fuse for the appliance is OK
The lighting does not work	The lamps are faulty	Call the after-sales service



# After-sales service

Our after-sales service is there for you if your appliance needs to be repaired. We will always find the right solution in order to avoid unnecessary visits from a service technician.

When calling us, please give the product number (E no.) and the production number (FD no.) so that we can provide you with the correct advice. The rating plate with these numbers can be found inside the appliance (remove the metal mesh grease filter to gain access).

You can make a note of the numbers of your appliance and the telephone number of the after-sales service in the space below to save time should it be required.

**E no.** \_\_\_\_\_ **FD no.** \_\_\_\_\_

## After-sales service ☎

Please be aware that a visit by an after-sales engineer will be charged if a problem turns out to be the result of operator error, even during the warranty period.

Please find the contact data of all countries in the enclosed customer service list.

### To book an engineer visit and product advice

**GB** 0344 892 8999  
Calls charged at local or mobile rate.

**IE** 01450 2655  
0.03 € per minute at peak. Off peak 0.0088 € per minute.

Rely on the professionalism of the manufacturer. You can therefore be sure that the repair is carried out by trained service technicians who carry original spare parts for your appliances.

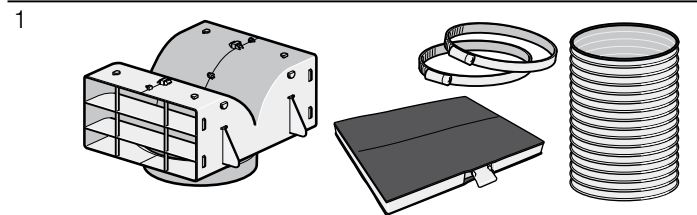
## Accessories for circulating-air mode

(not included in the delivery)

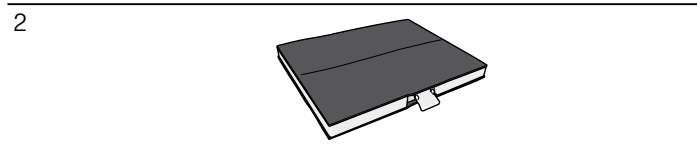
### Notes

- Follow the installation instructions supplied with the accessories.
- For appliances with an additional internal filter, only the CleanAir recirculation module can be used.

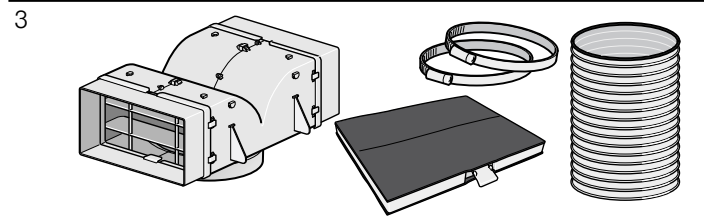
Basic equipment: Starter set for circulating-air mode - narrow



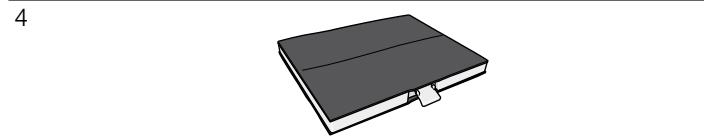
Throw-away filter



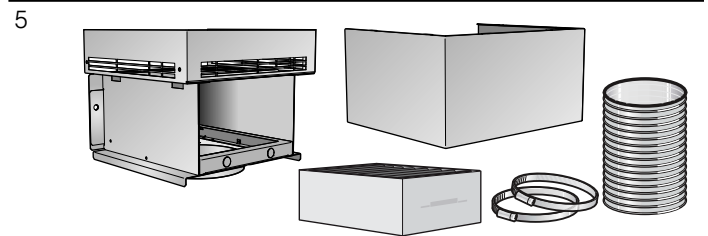
Basic equipment: Starter set for circulating-air mode - wide



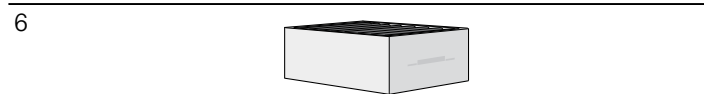
Throw-away filter



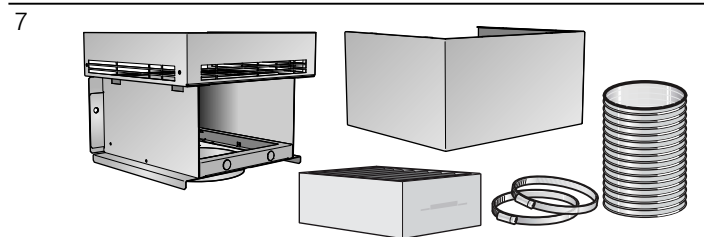
Basic equipment: CleanAir recirculation module - narrow



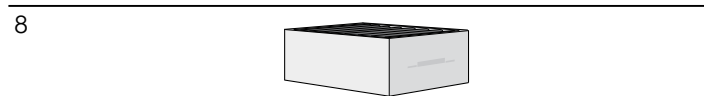
Throw-away filter



Basic equipment: CleanAir recirculation module - wide



Throw-away filter



1	LZ53250 channel width 260 mm
2	LZ53251 channel width 260 mm
3	LZ53450 channel width 345 mm
4	LZ53451 channel width 345 mm
5	LZ57000 channel width 260 mm
6	LZ56200 channel width 260 mm
7	LZ57300 channel width 345 mm
8	LZ56200 channel width 345 mm





BSH Hausgeräte GmbH  
Carl-Wery-Straße 34, 81739 München, GERMANY

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

Manufactured by BSH Hausgeräte GmbH under Trademark License of Siemens AG



9001023813 941118 \*