

Operating Instructions

DSMS

Range hood

Thank you for choosing to buy one of our products. Your appliance is made to high standards and is easy to use. Nevertheless, please take the time to read these operating instructions in order to familiarise yourself with the appliance and get the best use out of it.

Please follow the safety precautions.

Modifications

Text, diagrams and data correspond to the technical standard of the appliance at the time these operating instructions went to press. The right to make technical modifications for the purpose of the further development of the appliance is reserved.

Validity

The product family (model number) corresponds to the first alphanumeric on the identification plate. These operating instructions apply to:

Type	Product family	Size system
DSMS	64005	-

Variations depending on the model are noted in the text.

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1 Safety precautions

1.1 Symbols used



Denotes important safety precautions.

Failure to observe said precautions can result in injury or in damage to the appliance or fittings!



Information and precautions that should be observed.



Information on disposal



Information about the operating instructions

- Indicates step-by-step instructions.
 - Describes how the appliance reacts to the steps taken.
- Indicates a list.

1.2 General safety precautions



- Read the operating instructions before using the appliance for the first time!



- This appliance can be used by children aged 8 and above and by persons with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, provided they are supervised or have been instructed on the safe use of the appliance and have understood the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be undertaken by children without supervision.
- If an appliance is not equipped with a mains cable and a plug or other means for disconnecting from the mains with a contact opening on each pole complying with the conditions of overvoltage category III for full isolation, an isolating device must be incorporated into the permanently installed electrical installation in accordance with the installation regulations.
- If the mains cable of this appliance is damaged, it must be replaced by the manufacturer or its Customer Services or a similarly qualified person in order to avoid hazard.

1.3 Before using for the first time

- The appliance must be installed and connected to the electricity supply in accordance with the separate installation instructions. Have a qualified fitter/ electrician carry out the necessary work.
- Observe the official regulations for the exhaust-air layout.
- Dispose of the packaging material in accordance with local regulations.

1.4 Correct use

- The appliance is designed for use in the home for extracting cooking fumes and smells from above the cooking surface.
- Any repairs, modifications or manipulations to the appliance, especially any electrically live parts, may only be carried out by the manufacturer, its customer service department or similarly qualified persons. Repairs if carried out incorrectly may cause serious injury, damage to the appliance and fittings, as well as affect the functioning of the appliance. If the appliance is not working properly or in case a repair is needed, follow the instructions given in the 'Service & Support' section. Contact our Customer Services if necessary.
- Use original spare parts only.
- Retain these operating instructions for future reference.

1.5 Children in the home

- Packaging material, e.g. plastic film and polystyrene, can be dangerous for children. Danger of suffocation! Keep packaging material away from children.
- The appliance is designed for use by adults who are familiar with these operating instructions. Children are often unable to recognize the danger of electrical appliances. Ensure proper supervision and do not allow children to play with the appliance – there is a danger that children could hurt themselves.

1.6 Note on use

- If the appliance is visibly damaged, do not use it. Contact our Customer Services.
- If the appliance is not functioning properly, disconnect it from the power supply immediately.
- If the mains cable of the appliance is damaged, it must be replaced by Customer Services in order to avoid hazard.
- Caution: Accessible parts may become hot when used with cooking appliances.
- The appliance and surrounding components get hot during operation! Allow the fan flap, gas deflector and other components to cool down before touching them.
- Under no circumstances place heated cookware, pots and pans on the operating and display field.
- The room must be adequately ventilated when operating the range hood at the same time as other appliances that burn gas or other fuels.
- Do not flambé food underneath the range hood or next to a hob hood or downdraft hood.
- When frying on the cooking surface, do not leave the appliance unattended. The cooking oil in the frying appliance could overheat and catch fire. Constantly monitor the temperature of the cooking oil, keeping it below the temperature at which it can catch fire. Change the cooking oil regularly – dirty oil catches fire more easily than clean oil.
- Observe the cleaning intervals. Failure to do so can increase the fire hazard due to the build-up of grease in the metal grease filters.
- Do not operate the individual cooking zones of the cooking surface without a pan on them or with an empty pan on them so as to avoid damaging the appliance or the kitchen fittings through a build-up of heat. Avoid open fires with oil, gas, wood and coal fired cookers.
- Ensure there is adequate ventilation when the extractor fan is on so as to avoid creating a disturbing underpressure in the kitchen and to achieve optimal air extraction.
- Avoid a cross-current of air, which could blow the cooking vapours over the cooking area.
- If other appliances – fired by gas or other fuels – are being used at the same time, ensure that there is a sufficient supply of fresh air. This does not apply to air recirculation appliances.

- If other firing systems are being used at the same time (e.g. wood, gas, oil or coal fired heating appliances), safe operation is only possible providing a room negative pressure of 4 Pa (0.04 mbar) is not exceeded at the location of the appliance. Risk of toxic fumes! An adequate flow of fresh air must be guaranteed e.g. via non-closable openings in doors or windows and in combination with an air-intake/exhaust-air wall box or by other technical means.
- When carrying out maintenance work on the appliance, including replacing the light bulb, cut off the electricity supply to the appliance: remove the screw fuse from the holder or switch the circuit breaker off, or disconnect from the mains supply.
- When cleaning the appliance make sure no water gets inside it. Use a moderately damp cloth. Do not spray the inside or outside of the appliance with water. Do not use a steam cleaner. If water gets inside the appliance, it can cause damage.
- Failure to follow the cleaning instructions may cause a fire hazard.
- Do not operate the appliance using an external time switch or a separate remote control system.

2 Disposal

Packaging

- All packaging materials (cardboard, plastic film (PE) and polystyrene (EPS)) are marked and should be collected for recycling and disposed of in an environmentally friendly way.

Disconnection

- Disconnect the appliance from the mains. With a fixed appliance, this is to be carried out by a qualified electrician!


Safety

- Disable the appliance to prevent accidents caused by improper use, especially through children playing.
- Pull the plug out of the mains socket or have the appliance disconnected from the mains by an electrician. Then cut the mains cable off flush with the appliance.

Disposal

- The old appliance should not be discarded as worthless rubbish. If disposed of correctly, the raw materials can be recovered for recycling.



- The  symbol on the identification plate warns that the appliance may not be disposed of in normal household waste.
- The appliance must be disposed of in accordance with local regulations on waste disposal. For more information on the handling, disposal and recycling of the product, please contact the local authorities, the local recycling facilities for household waste or the retailer from whom you purchased the appliance.

3 Appliance description

3.1 Appliance description

The appliance is designed for use in the home for extracting cooking odours from above a cooking area and can be used in the extraction or recirculation mode.

3.2 Extraction mode

A fan draws cooking fumes and smells from above the cooking area. The metal grease filters clean the extracted air, which is passed through a connecting pipe fitted with an integrated non-return valve and through the air duct to the outside.



When in use, ensure there is a sufficient supply of fresh air to replace the air that is being extracted.

3.3 Recirculation mode with activated charcoal filters

After being filtered through the metal grease filters, the cooking fumes and smells above the cooking area are passed through a recirculation box with integrated activated charcoal filters, the odours are largely removed from the air and it is then circulated back into the room.

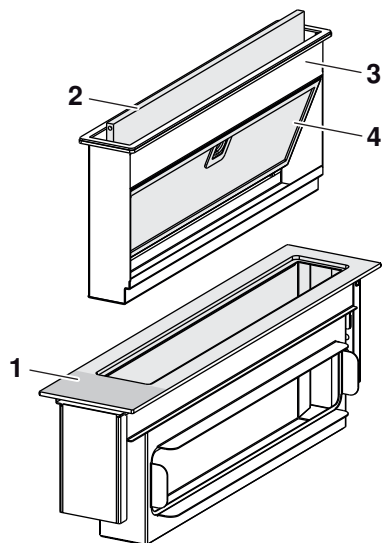


If recirculation box is not supplied with activated charcoal filters, these should be ordered and installed before using the appliance for the first time.

3.4 Features

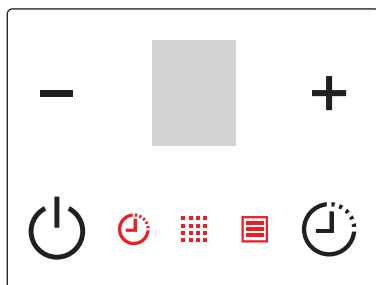
- 1 extractor fan with 4 power levels:
 - Level 1 = low, 2 = medium, 3 = high, and intensive level.
 - Power levels 1–3 are suitable for continuous operation; the intensive level is used for short bursts of intensive extraction of cooking fumes and smells, e.g. when searing meat. The intensive level runs for a maximum of 6 minutes at a time.
- 1 metal grease filter
- 1 collection tray
- Optional separate recirculation box with activated charcoal filters, only for recirculation mode (not included in the scope of delivery, available for order as an accessory)

3.5 Construction



- 1 Operating and display elements
- 2 Fan flap
- 3 Collection tray
- 4 Metal grease filter

3.6 Operating and display elements



Buttons

- Reduce power level /
Reset saturation indicator
- +** Increase power level
- ⏻** Switch appliance on/off
- 🕒** After-running time

Displays

- Display field (power level 1-3)
- b** Intensive level
- ⌂** Setting for extraction/recirculation mode
- B** Reset saturation indicator
- 🕒** After-running time switched on
- ⋮** Saturation indicator for metal grease filters
- ☰** Saturation indicator for activated charcoal filters
(only for recirculation mode)



Depending on the model and features, the specification of your appliance may differ in individual details from the standard specification described.

4 Operating the appliance

4.1 Using for the first time


Appliance configuration

The model can be used to extract or recirculate air. The appliance is set up ex-factory for use in the extraction mode.




If the appliance is to be operated as an extraction model, the saturation indicator for the activated charcoal filters must be deactivated.

Activating the saturation indicator for the activated charcoal filters

- ▶ Switch the appliance off.
- ▶ Depress the **+** button for 2 seconds.
 -  flashes twice in the display.
- ▶ The appliance is now configured for the recirculation mode and the saturation indicator for the activated charcoal filters is activated.

Deactivating the saturation indicator for the activated charcoal filters

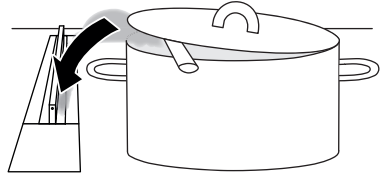
- ▶ Switch the appliance off.
- ▶ Depress the **+** button for 2 seconds.
 -  flashes once in the display.
- ▶ The appliance is now configured for the extraction mode and the saturation indicator for the activated charcoal filters is deactivated.

4.2 Optimizing the suction performance




Using suitable pan lids and tilting them slightly intensifies the suction performance of the downdraft hood.

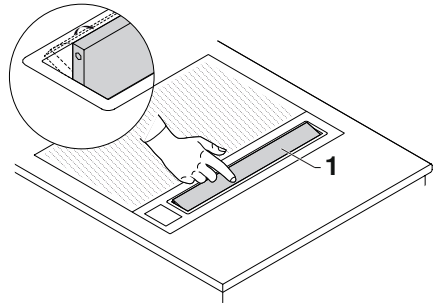
- ▶ Slightly tilt the pan lid so that the steam and odours given off during cooking can be extracted more efficiently into the downdraft hood. Use a wooden spoon to keep the pan lid in position.
 - This improves and intensifies the suction performance.





4.3 Switching the appliance on

Do not switch the appliance on until the fan flap is open.

- ▶ Open the fan flap **1** manually.
- ▶ Press the  button to switch the appliance on.
 - The appliance switches on at power level 1.








4.4 Setting the power level

- ▶ Pressing the  button switches the appliance on at power level 1.
- ▶ Use the **+** or **–** button to select the required power level.
 - The power level set is shown in the  display field.










After opening the fan flap, we recommend switching the appliance on at level 2 some five minutes before starting to cook. Leave the appliance running for about 15 minutes after cooking to extract all the cooking smells.

4.5 Intensive level

- ▶ Open the fan flap and switch the appliance on with the  button.
- ▶ Select and hold the  button until  appears in the display field.
 - The intensive level switches on and runs for 6 minutes before the appliance automatically switches back to the previously set power level.
- ▶ Select the  button to choose a different power level or to stop the intensive level before the 6 minutes has elapsed.
 - The corresponding power level is shown in the  display field.
 - If the appliance had not been switched on beforehand, then the appliance will automatically switch off after the six minutes has elapsed.


4.6 After-running time

- ▶ Open the fan flap and switch the appliance on with the  button.
- ▶ Use the  or  button to select the required power level.
- ▶ Touch the  button to activate the after-running time.
 - While the after-running time is activated, the corresponding  display symbol illuminates.
 - The after-running time function starts at the previously set power level, runs for 15 minutes and then the appliance switches off automatically.
- ▶ Select the  or  button to stop the after-running time earlier.




The after-running time function is not available when the intensive level mode is active. Make sure that the fan flap is open as long as the after-running time function is active.


4.7 Switching the appliance off


- ▶ Press the  button to switch the appliance off.
 - The appliance switches off.

4.8 Saturation indicator

Metal grease filters

The  display symbol illuminates after 50 operating hours. The saturation level has been reached and the metal grease filters must be cleaned.

Activated charcoal filter  in the recirculation box (only for recirculation mode)

The  display symbol illuminates after 550 operating hours. The saturation level has been reached. The maximum operating time of the activated charcoal filter is 3 years.



Only activate the saturation indicator for the activated charcoal filters if the appliance is being used in the recirculation mode and together with the external recirculation box designed for this purpose. For more information, refer to the section: Using for the first time (see page 14).

5 Care and maintenance

5.1 Cleaning the housing




Take care that no water gets into the housing of the appliance! If water gets into the housing, it can cause damage.

Do not use abrasive cleaners, scouring pads, steel wool, etc. for cleaning, as they can damage the surface. Disconnect the appliance from the mains and unscrew the fuse or switch off the automatic circuit breaker.

Cleaning the outside/inside

- ▶ Clean the outside of the appliance with a warm, damp cloth and a little detergent and then wipe dry.
 - Grease and condensate water can build up on the inside around the metal grease filters.
- ▶ Clean with a warm, damp cloth and a little detergent – you can also use a brush if necessary – and then wipe dry with a kitchen towel.


5.2 Metal grease filters

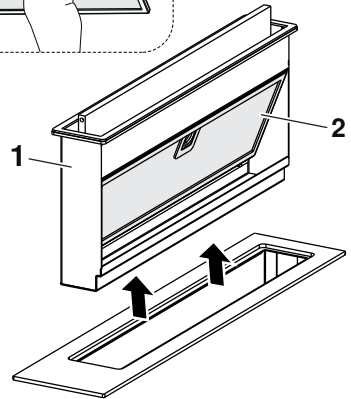
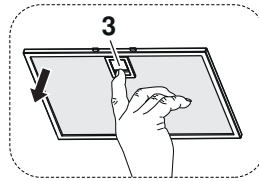
The metal grease filters must be cleaned at least once a month with normal use or whenever the saturation indicator  illuminates. If properly cared for, the grease filters should provide years of service.



Do not damage the collection tray or metal grease filters when inserting/removing them.

Removing

- ▶ Press the  button to switch the appliance off.
- ▶ Open the fan flap, pull it up and thereby lift the grease collection tray **1** up and out.
 - The grease filter **2** is visible.
- ▶ Push the grip **3** on the grease filter in.
 - This releases the grease filter **2**.
- ▶ Carefully pull the grease filter **2** down and out of the collection tray **1**.
- ▶ Empty and clean the collection tray **1** as required.
- ▶ Clean the grease filter **2**.



Cleaning

- ▶ Clean the grease filters **2** in the dishwasher.
- ▶ Set the dishwasher to an «intensive» or «heavy» soiling programme.



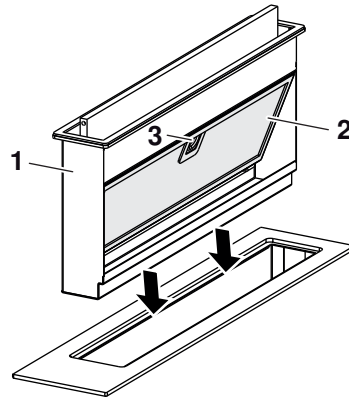
Cleaning may cause the metal grease filters to become slightly discoloured. However, this will not affect the functioning of the filters in any way.

If no dishwasher is available:





- ▶ Clean the grease filters **2** in the sink with hot water and detergent.
- ▶ Then soak the grease filters **2** in hot water in the sink for about two hours and finally clean with a washing-up brush. Rinse well with clean cold water.
 - The cleaned grease filters **2** are ready for use again.
- ▶ Clean the outside of the collection tray **1** with a warm, damp cloth and a little detergent, then wipe dry well with kitchen paper.

Installing


- ▶ Reassemble in the reverse order.
- ▶ Make sure that the grip **3** on the grease filter faces upwards.



Resetting the saturation indicator for the metal grease filters

- ▶ With the appliance switched off, hold the  button depressed for 3 seconds to reset the saturation indicator .
- ▶  flashes thrice in the  display field if reset correctly.

5.3 Recirculation box with activated charcoal filters

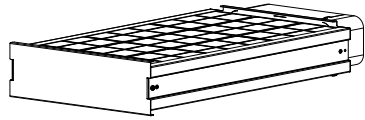
An activated charcoal filter becomes less effective with use. With normal use, the activated charcoal filters have to be changed every 3 years or whenever the saturation indicator  illuminates. The recirculation box contains 6 activated charcoal filters. These cannot be washed or regenerated. Replace all the activated charcoal filters at the same time. The spent activated charcoal filter can be disposed of in the household waste or at a suitable recycling point.







Activated charcoal filters are only used in the recirculation mode and together with the recirculation box designed for this purpose.

Cleaning

- ▶ Clean the housing, edges and corners of the recirculation box – having already taken out the 6 activated charcoal filters – with a warm, damp cloth and a little detergent, then wipe dry.
 - The interior can also get grimy and greasy.
- ▶ Clean with a warm, damp cloth and a little detergent – you can also use a brush if necessary – and then wipe dry with a kitchen towel.



Resetting the saturation indicator for the activated charcoal filters

- ▶ With the appliance switched off, hold the  button depressed for 3 seconds to reset the saturation indicator .
- ▶  flashes thrice in the  display field if reset correctly.

6 Troubleshooting

6.1 What to do if...

... the appliance is not working

Possible cause	Solution
<ul style="list-style-type: none">▪ Fuse or automatic circuit breaker for electrical installations in the home is defective.	<ul style="list-style-type: none">▶ Replace the fuse.▶ Reset the automatic circuit breaker.
<ul style="list-style-type: none">▪ An interruption in the power supply.	<ul style="list-style-type: none">▶ Check the power supply.

... button illumination or display elements faulty

Possible cause	Solution
<ul style="list-style-type: none">▪ Control unit or electronic component is defective.	<ul style="list-style-type: none">▶ Contact Customer Services.

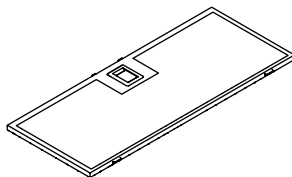
... the appliance is not extracting enough air

Possible cause	Solution
<ul style="list-style-type: none">▪ The metal grease filters are dirty.	<ul style="list-style-type: none">▶ Clean the metal grease filters.
<ul style="list-style-type: none">▪ Only for recirculation mode: Activated charcoal filters in the recirculation box are saturated.	<ul style="list-style-type: none">▶ Replace all 6 activated charcoal filters in the recirculation box.
<ul style="list-style-type: none">▪ Only for extraction mode: The fresh air intake is insufficient.	<ul style="list-style-type: none">▶ Ensure the fresh air intake is sufficient.

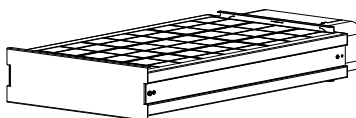
7 Accessories and spare parts

Please give model number of the appliance and exact designation of the accessory or spare part when ordering parts.

Metal grease filter



Recirculation box (recirculation mode only)



Activated charcoal filter for recirculation box



8 Technical data

Electrical connection

- ▶ See identification plate.
 - The identification plate is located in the base on the side panel of the fan motor.
 - A second identification plate is included in the scope of delivery and should be retained for the purposes of appliance identification.

8.1 Product fiche

In accordance with EU Regulation No. 65/2014 and No. 66/2014

Description	Abbreviations	Unit	Value
Brand	S	-	V-ZUG LTD
Model identifier	M	-	64005
Annual Energy Consumption	AEC _{hood}	kWh/a	40.4
Energy Efficiency Index	EEI _{hood}	%	48.7
Energy Efficiency Class	EEC	-	A
Fluid Dynamic Efficiency	FDE _{hood}	%	31.6
Fluid Dynamic Efficiency Class	FDEC	-	A
Lighting Efficiency	LE _{hood}	lux/W	0.0
Lighting Efficiency Class	LEC	-	-
Grease Filtering Efficiency	GFE _{hood}	%	75.1
Grease Filtering Efficiency Class	GFEC	-	C
Air flow at minimum speed	Q _{min}	m ³ /h	360
Air flow at maximum speed (intensive or boost excluded)	Q _{max}	m ³ /h	460
Air flow at intensive or boost setting	Q _{boost}	m ³ /h	550
Airborne acoustical A-weighted Sound Power Emissions at minimum speed	SPE _{min}	dBA	62

Airborne acoustical A-weighted Sound Power Emissions at maximum speed	SPE_{\max}	dBA	67
Airborne acoustical A-weighted Sound Power Emissions at intensive or boost setting	SPE_{boost}	dBA	70
Measured power consumption of off mode	P_0	W	0.49
Measured power consumption of standby mode	P_s	W	-
Time increase factor	f	-	0.9
Measured air flow rate at the best efficiency point	Q_{BEP}	m ³ /h	286.0
Measured air pressure at the best efficiency point	P_{BEP}	PA	490.0
Measured value of the electric power input at the best efficiency point	W_{BEP}	W	123.0
Nominal power of the lighting system	W_L	W	0.0
Average illumination of the lighting system on the cooking surface	E_{middle}	lux	0
Sound power level	L_{wa}	dBA	67

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9 Service & Support



The «Troubleshooting» section provides valuable tips for dealing with minor operating faults. This saves you the time, effort and potential cost of having to call out a service technician.

Information on the V-ZUG warranty can be found at www.vzug.com →Service →Warranty information. Please read this information carefully.

Please register your V-ZUG appliance immediately:

- online via www.vzug.com →Service →Warranty registration, or
- using the enclosed registration card.

This will allow you to take advantage of the best possible support in the event of a fault in the appliance during the guarantee period. You will require the serial number (FN) and appliance designation to complete the registration process. This information can be found on the identification plate for your appliance.

My appliance information:

FN: _____ **Appliance:** _____

Always have this appliance information to hand when you contact V-ZUG. Thank you.

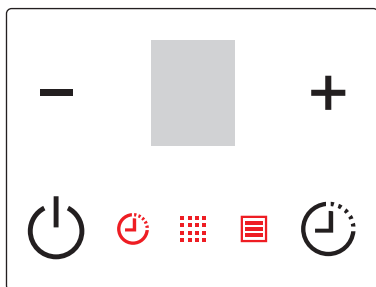
Your repair order

Call the free service number 0800 850 850 to contact your nearest V-ZUG service centre. You can arrange an onsite visit by us by phone if you wish.

General queries, accessories and service agreement

V-ZUG will be happy to help you with any general administrative or technical queries, to accept your orders for accessories and spare parts and to inform you about our progressive service agreements. You can contact us by calling Tel. + 41 58 767 67 67 or by going to our website at www.vzug.com.

Quick instructions



Buttons

- Reduce power level /
Reset saturation indicator
- +** Increase power level
- ⏻** Switch appliance on/off
- ⌚** After-running time

Displays

- Display field (power level 1-3)
- b** Intensive level
- L** Setting for extraction/recirculation mode
- B** Reset saturation indicator
- ⌚** After-running time switched on
- ⋮** Saturation indicator for metal grease filters
- ≡** Saturation indicator for activated charcoal filters
(only for recirculation mode)



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