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RANGE HOOD

Instruction Manual

VSCH-ZOKAS-90GY

WARNING / CAUTION

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Children should be supervised not to play with the appliance.

11. Packing List

NOS.	NAME	UNIT	QTY
1	Range Hood	pc	1
2	Hanging Plate	pc	1
3	Exhaust Outlet	pc	1
4	Aluminum Pipe	pc	1
5	M8 Plastic Expansion Pipe	pc	4
6	Screws ST 5.0X60	pc	4
7	Screws ST 2.9X8	pc	2
8	Screws ST 5.0X12	pc	1
9	Screws ST 4X8	pc	2
10	Instruction Manual	pc	1
11	Oil Cup	pc	1
12	Extend Chimney Cladding Hanging Plate	pc	1
13	Extend Chimney Cladding	pc	1
14	Foil Sealing Paper	pc	1
15	Vent Cap	pc	1

The following product components are attached to the product package. Please check them upon opening. If any components are missing, please contact the service center or your dealer.

Dear Customers

Thanks a lot for choosing our brand. Please read the following instructions carefully before use.

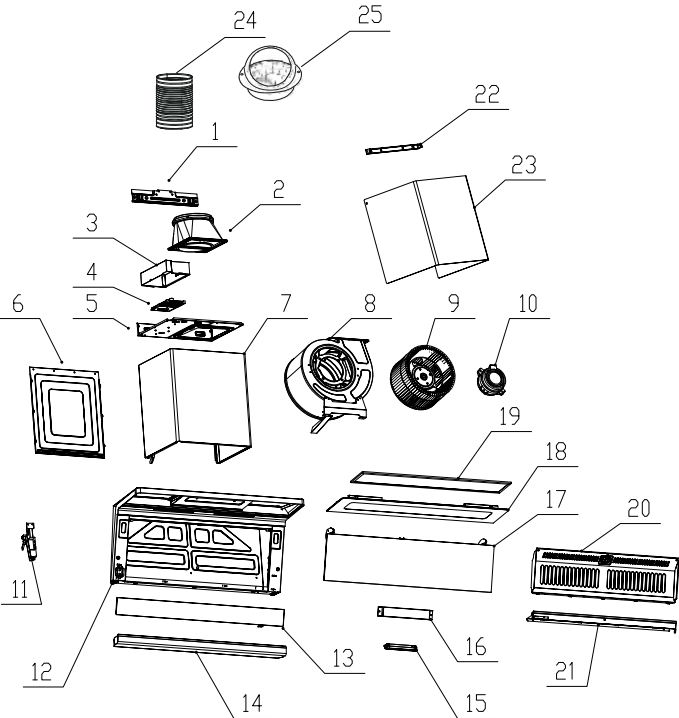
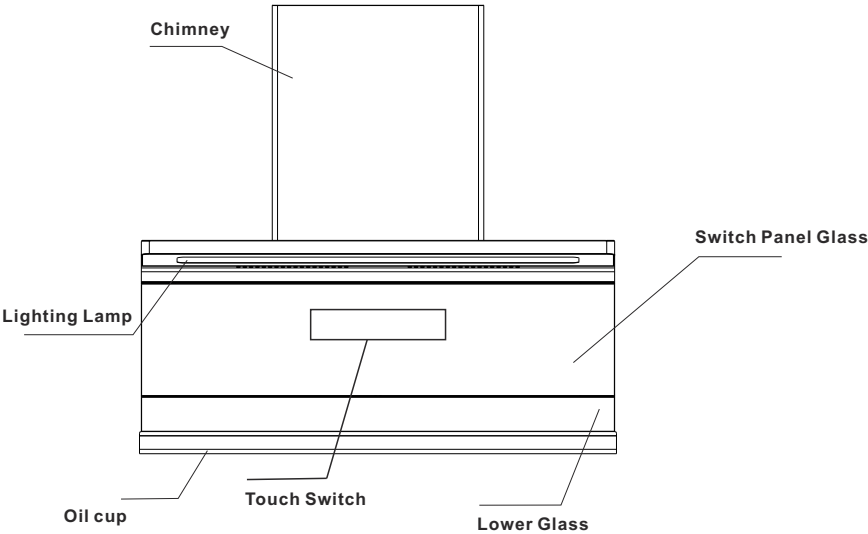
These instructions provide all the information necessary for correct use to avoid damage and danger.

If you have any questions during use, please do not hesitate to contact us. We are ready to do our utmost to offer you satisfactory service.

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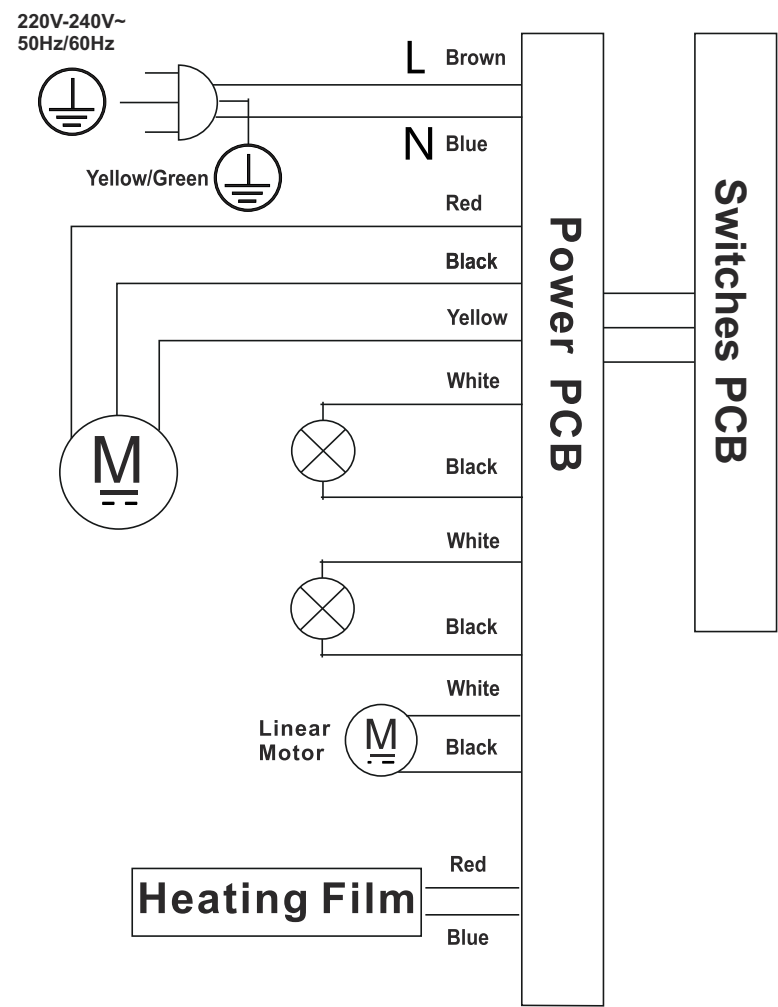
1. Structure Description



10. Technical Specifications

Model	VSCH-ZOKAS-90GY
Total Static Pressure Efficiency (%)	≥23
Max Total Static Pressure Efficiency (%)	≥40
Rated Voltage (V)	220-240
Rated Frequency (Hz)	50/60
Auto cleaning Power(W)	90
Rated Input Power(W)	307
Power of Lighting(W)	1X5W +1X1.5W
Booster Power (W)	360
Max Static Pressure (Pa)	1100
Semi-Silent Chamber Noise dB(A)	60
Operating Noise dB(A)	68
Normal Dust Removal Concentration (%)	≥95
Oil Separation Rate (%)	≥90
Instant Dust Removal Concentration (%)	≥65
Net Weight (kg)	27.5
Gross Weight (kg)	32.5
Smoke Pipe Diameter (mm)	180
Product Dimensions (mm)	895×345×847
Packaging Dimensions (mm)	965×425 ×925

9. Electrical Schematic Diagram



1.Structure Description

NOS.	NAME	UNIT	QTY
1	Hanging Plate	pc	1
2	Air Outlet Assembly	pc	1
3	Metal Power box	pc	1
4	Power PCB	pc	1
5	Cabinet Top Panel	pc	1
6	Cabinet Rear Panel Assembly	pc	1
7	Main cabinet Assembly	pc	1
8	Volute Assembly	pc	1
9	Fan Wheel	pc	1
10	Motor	pc	1
11	Linear Motor Assembly	pc	1
12	Smoke Collection Chamber Assembly	pc	1
13	Lower Glass Assembly	pc	1
14	Oil Cup	pc	1
15	Small LED Light	pc	1
16	Switch PCB	pc	1
17	Switch Glass Assembly	pc	1
18	Main LED Light Glass Assembly	pc	1
19	Main LED Light	pc	1
20	Air Inlet Buffle filter	pc	1
21	Smoke Collection Chamber Middle Panel	pc	1
22	Extended Chimney Cladding Hanging Plate	pc	1
23	Extended Chimney Cladding	pc	1
24	Exhaust Pipe	pc	1
25	Vent Cap	pc	1

Non-professionals are not allowed to disassemble the interior of the range hood without authorization.

2. Installation Precautions

2.1 Installation Environment

- Requirement: Avoid installing the range hood in areas with excessive doors or windows.
- Reason: A high number of doors/windows will create strong air convection, causing oil fumes to disperse prematurely within the hood's 250 mm effective suction range, thereby reducing smoke extraction efficiency.

2.2 Installation Distance

- Basic Requirement: The minimum vertical distance between the bottom of the hood and the top of the cooker must be matched to the type of cooker:
 - For gas cookers: A minimum of 650 mm. If the gas cooker's installation specifications require a greater distance, follow that standard.
 - For electric cookers: The distance may be appropriately reduced based on actual conditions.

2.3 Exhaust Pipe Installation

Two core requirements must be met:

- Length & Bends: The distance from the exhaust pipe outlet to the hood body should not be excessive. Bend radii should be as large as possible, and the number of bends minimized—otherwise, smoke extraction performance will be compromised.
- Connections & Discharge: When connecting the exhaust pipe to the outdoors or a public cold air duct, all joints must be sealed. Exhaust gas must not be discharged into hot flue ducts.

2.4 Levelness of the Hood Body

- Requirement: After installation, verify that the hood body is level to ensure stable operation.

2.5 Installation Personnel & Safety

- The range hood is heavy (gross weight 32.5kg), so two installers or professional personnel are recommended for installation (refer to national electrical codes and local regulations).
- Ensure the installation wall has sufficient load-bearing capacity; do not drill into steel bars in the building.
- If the gas burner needs to be moved during installation, turn off the main gas valve first to avoid gas leakage.

8. Usage Instructions



【Power Button】

Power On: Press to turn on the hood, activate Auto Cruise automatically, indicator lights up, display shows current speed.
Delay Shutdown: Press when fan is running to enter 180-second delay, fan runs low, auto-shutoff after countdown.

【Light Button】

Independent light switch. Button light on = light on, off = light off.

【Auto Cleaning Button】

Long press 3 seconds in shutdown mode to start 10-minute heat clean (9 min clean + 1 min high-speed dry), auto-shutoff after completion.
Long press again to exit heat clean; press Power button to shut off immediately.

【Speed Button Button】

Cycle through: Low → High → Boost (auto-switch to High after 3 mins).
Press during delay to exit and switch to High; press Power to shut off immediately.
Long press 3 seconds to stop the fan.

【Auto Cruise Button】

On/off for Auto Cruise (default on), adjusts speed automatically based on flue resistance.

【Air Exchange Manager Button】

Default: Function is off by default, with a prompt tone when toggling. Button light: full on (running), dim (paused), off (disabled). Activate: Long press 3 seconds in shutdown mode to start ventilation. Button stays on, fan runs at Level 1 for 10 minutes.
Operation: Stops automatically after 10 minutes if no action is taken, enters timer mode (button dim). Runs automatically for 10 minutes every 24 hours.
Deactivate: Press to pause during ventilation; long press 3 seconds again to turn off (button off).

【Wave sensor control】 :

On state, swipe left→right → activate Auto Cruise & light, show speed; repeat swipe → cycle Low→High→Boost. Swipe right→left → enter delay shutdown; swipe again → shut off immediately.
Long press in shutdown mode to turn wave sensor control on/off.

【Hood & Gas hood Linkage】 :

Pair/Unpair: Long press Power + Light 3 seconds in shutdown mode to pair/unpair.
Pairing: Buttons flash, ignite stove to pair. Success: hood auto-starts with Auto Cruise; Failure: exit pairing.
Linkage: After pairing, stove ignition → hood auto-starts; stove shutdown → 3-minute delay.

5. Usage Notes

- Unplug the appliance before cleaning or when not in use.
- Follow the specified cleaning methods and frequency; improper cleaning may pose a fire risk.
- The minimum distance between the cooking surface (of the hob) and the lowest part of the range hood:
 - For gas hobs: At least 65 cm. If the gas hob's installation instructions specify a greater distance, follow that requirement.
- The 65 cm distance may be reduced only for:
 - Non-combustible parts of the range hood; or
 - Parts operating at safety extra-low voltage (SELV), provided these parts do not expose live components even if deformed.

6. Maintenance

- Unplug the appliance before cleaning or when not in use.
- Follow the specified cleaning methods and frequency; improper cleaning may pose a fire risk.
- The minimum distance between the cooking surface (of the hob) and the lowest part of the range hood:
 - For gas hobs: At least 65 cm. If the gas hob's installation instructions specify a greater distance, follow that requirement.
- The 65 cm distance may be reduced only for:
 - Non-combustible parts of the range hood; or
 - Parts operating at safety extra-low voltage (SELV), provided these parts do not expose live components even if deformed.

7. Troubleshooting and Solutions

Faults	Causes	Solution
Motor does not run	Power plug is loose	Ensure the power plug is securely inserted
	Motor is burnt out	Replace the motor
	Capacitor is faulty	Replace the capacitor
	Switch is defective	Replace the switch
Excessive vibration of the unit	Main unit is not securely mounted	Securely mount the main unit
	Fan wheel is not properly assembled	Reassemble the fan wheel correctly
	Fan wheel is damaged or deformed	Replace the fan wheel
Excessive noise	Fan wheel is unbalanced	Replace the fan wheel
	Foreign object in the air duct	Remove the foreign object
Weak suction	Backdraft in the exhaust duct	Point the duct opening downward
	Installation height is too high	Lower the installation height
	Excessive air circulation in the environment	Close doors and windows partially
	Motor speed is significantly reduced	Replace the motor or capacitor

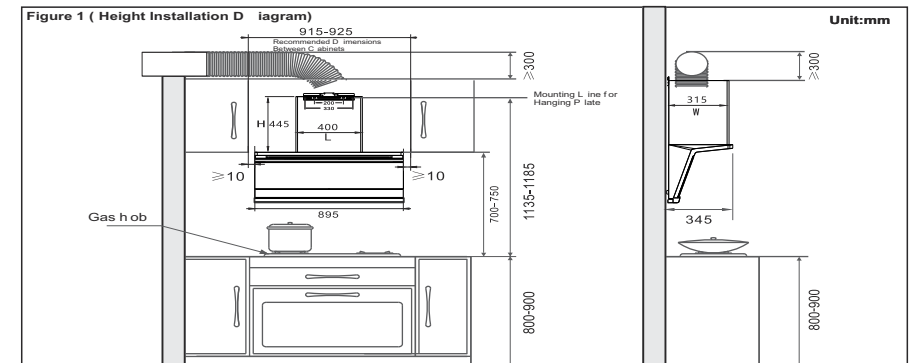
3. Installation Method

3.1 Determine the Position

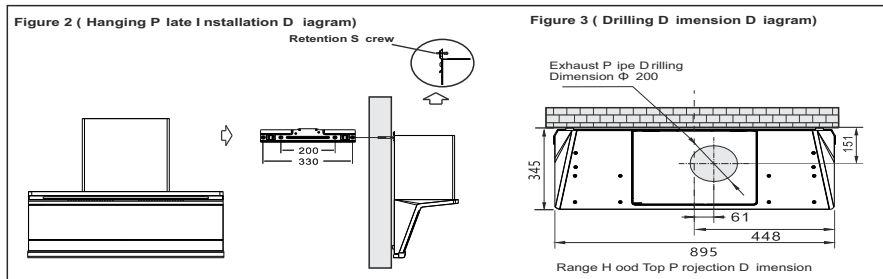
- Mark the mounting holes (see Figure 2). The unit must be kept vertical and level.
- Mark the ceiling mounting holes (see Figure 3).

3.2 Notes

- The range hood must be installed directly above the cooktop. The minimum distance between the support surface of the cooktop burners and the lowest point of the range hood must be ≥ 650 mm. If the gas stove installation instructions specify a larger installation distance, this requirement shall take precedence. For electric stoves, this distance may be reduced as appropriate.
- The minimum clearance between the entire range hood unit and the cabinet must be ≥ 10 mm (see Figure 1).
- A clearance may be required between the top of the range hood and the bottom of the cabinet for installation or removal. Please take this into consideration.
- The installation height can be adjusted according to the user's height, but it is not recommended to exceed the recommended height range. An excessively low installation height will affect the cooking view and compromise smoke extraction performance.
- The installation height of the range hood is a recommended value. The diagrams below are for reference only when pairing cabinets with the range hood.
- Note: The installation gap between the hood and cabinet is 10mm; the distance from the drill hole to the edge is 115mm (see Figure 3: Drilling Dimension Diagram; Figure 2: Hanging Plate Installation Diagram).



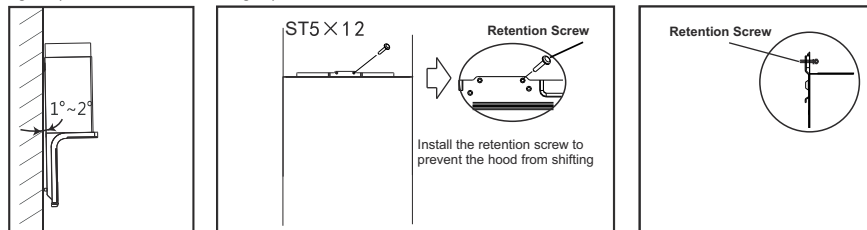
3. Installation Method



3.3 Installation Steps

- Drill holes (8mm diameter, 60–70mm depth) using an 8mm drill bit.
- Insert the expansion plastic tube into the holes, then fix the mounting plate on the wall with screws.
- Align the hanging holes at the rear of the range hood with the hooks on the mounting plate, and hang the hood from top to bottom. Confirm that the hood is installed horizontally and securely.
- Fasten the provided M5×12 triangular screw (Retention screw) into the top screw hole of the mounting plate to prevent the hood from accidental detachment (Refer to Figure 4: Retention Screw Installation Diagram).

Figure 4 (Retention screw Installation Diagram)

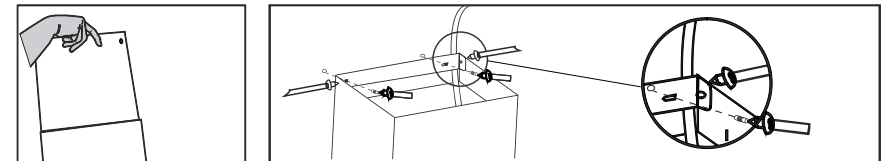


3. Installation Method

3.4 Adjusting the Extended Chimney Cladding (if applicable)

- Extract the extended chimney cladding.
- Attach the brackets to the holes on both sides of the cladding.
- Insert it into the gap between the decorative tube and the hood, then adjust to the desired height.
- Finally, secure the brackets to the wall (Refer to Figure 5).

Figure 5 (Extended Chimney Cladding Installation Diagram)



4. Usage Directions

1. Clean the panel frequently with a soft cloth and neutral detergent. Clean the oil filter at least twice a month, and regularly remove oil stains and grime from other parts of the hood.
2. Attention: Unplug the appliance before cleaning. Do not immerse the motor or electrical components in water. To avoid fire hazards, do not use flammable solvents such as alcohol, amyl acetate, or gasoline to clean the range hood.
3. The exhaust gas from the range hood must not be discharged into flues used for exhausting fumes from gas or other fuel-burning appliances.
4. Ensure the room is well-ventilated when using the range hood alongside gas or other fuel-burning stoves.
5. Keep the range hood away from direct stove flames; exposure to fire may damage lamp panels and electrical components.
6. Use only properly grounded electrical outlets.
7. If the power cord is damaged, replace it with a suitable cord obtained from the manufacturer or an authorized maintenance service.
8. Do not use the range hood if the outlet is not grounded; ensure proper grounding before use.
9. Failure to clean the range hood according to these instructions may result in a fire hazard.
10. When replacing bulbs, ensure the replacement bulb's power does not exceed the rated wattage.
11. Do not place flammable materials or cookware directly under the range hood.