



COOKER HOOD

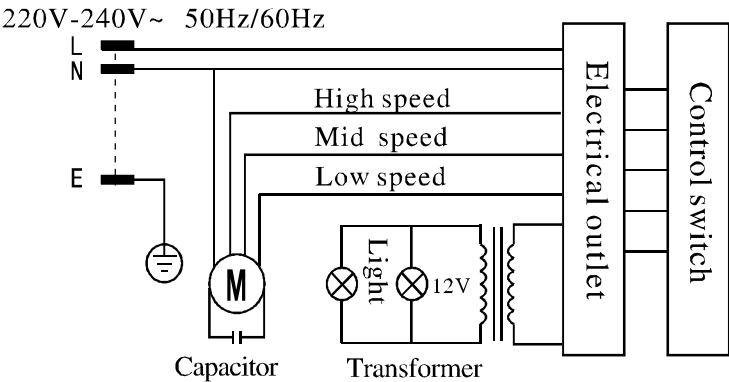
INSTRUCTION MANUAL



HWS-90V1

Read this manual carefully before operation

9.2 Electrical Diagram



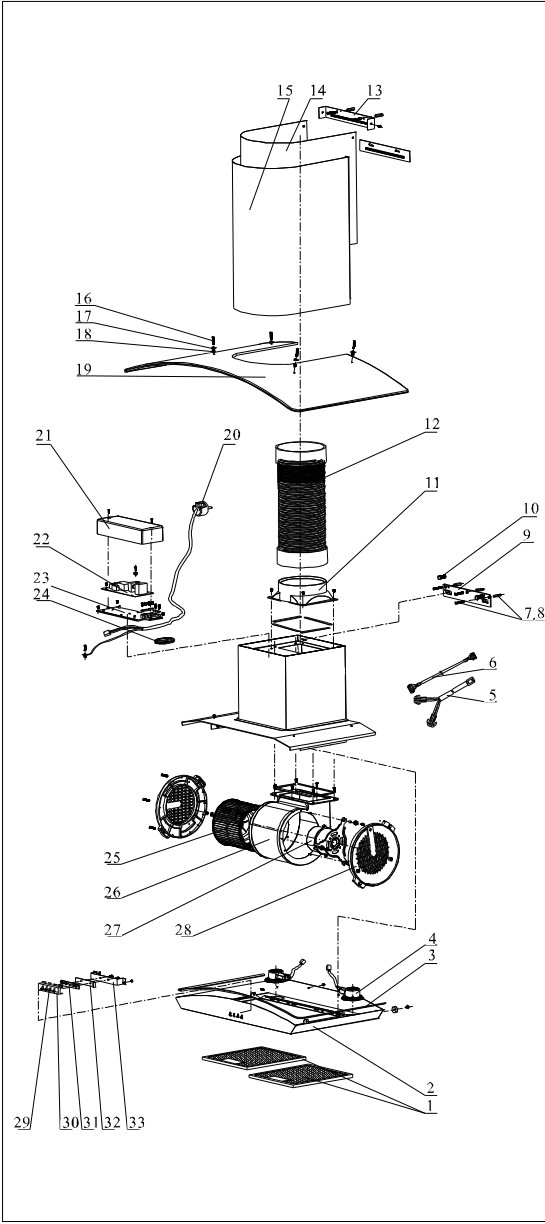
10. Main Parameters

Rated Input	220V-240V~ 50Hz/60Hz
Rated Power	230W
Lighting Power	20W×2
Motor Power	190W
Motor	Single Motor
Air tube diameter	150mm
Air output	(540±60)m ³ /h
Air pressure	≥300Pa
Noise	≤61dB

Content

- 1. Components
- 2. Notice
- 3. Feature
- 4. Installation
- 5. Notice of Installation
- 6. Safety Warning
- 7. Use
- 8. Maintenance
- 9. Abnormity and Solution
- 10. Main Parameters

1.Components

	No	Name
	1	grease filter
	2	guide plate
	3	airproof seal
	4	halogen lamp
	5	lamp cord
	6	switch cord
	7	plastic expand tube
	8	wood bolt
	9	bracket
	10	extra screw
	11	outlet
	12	external vent
	13	adjustable bracket (alternative)
	14	adjustable decorating trim (alternative)
	15	U-shaped section
	16	screws
	17	bolt gasket
	18	ferrule
	19	top plate
	20	power cord groupware
	21	control box cover
	22	power circuit board
	23	control box soleplate
	24	hole ferrule
	25	impeller
	26	snail shell groupware
	27	motor groupware
	28	wind inlet ring
	29	button
	30	switch box
	31	switch circuit board
	32	switch box cover
	33	switch box bracket

9. Abnormity and Solution

9.1 Trouble shooting

Fault	Cause	Solution
Light on, but motor does not work	The blades are blocked.	
	The capacitor damaged.	Replace capacitor.
	The motor bearing damaged.	Replace motor.
	The internal wiring of motor off or a bad smell from the motor.	Replace motor.
Light does not work, motor does not work	Beside the above mentioned, check the following:	
	Light damaged.	Replace lights.
	Power cord loose.	Connect the wires as per the electric diagram.
Oil leakage	One way valve and the air ventilation entrance are not tightly sealed.	Take down the one way valve and seal with glue.
	Leakage from the connection of U-shaped section and cover.	Take U-shaped section down and seal with soap or paint.
Vibration	The damage of blade can causes shaking.	Replace the blade.
	The motor is not tightly locked.	Lock the motor tightly.
	The cooker hood is not tightly fixed.	Fixed the cooker hood tightly.
Insufficient suction	The distance between the cooker hood and the cooking plane too large.	Readjust the distance.
	Too much ventilation from open doors or windows.	Choose a new place and reassembly the machine.
The machine inclines	The fixing screw are not tight enough.	Tighten the hanging screw and make it horizontal.
	The hanging screw are not tight enough.	Tighten the hanging screw and make it horizontal.

8. Maintenance

8.1 The cleaning of the carbon grease filter mesh.

The filter mesh is made of high density aluminum. Please do not use the corrosive detergent on it. Keeping this filter clean will keep the appliance running correctly. Please strictly follow the guidelines below:

Method 1:

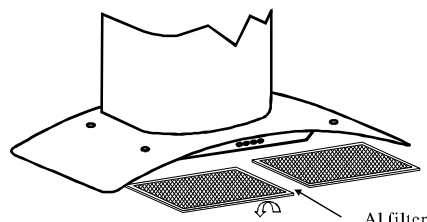
Put the mesh into 40°C~50°C clean water, pour in detergent, and soak about (2~3) minutes. Wear a glove and clean with a soft brush.

Please do not apply too much pressure, as the mesh is delicate and will be damaged easily.

Method 2:

If instructed to do so, it can be put into the dishwasher, set the temperature at around 60°C.

※ The install picture of Al filter.



Pic10

8.2 Notice of cleaning cooker hood.

- A To protect the main body from corrosive of the long time accumulation of dirt, the cooker hood should be cleaned with hot water with non-corrosive detergent every two months.
 - B. Please do not use abrasive detergent for it will damage the body.
 - C. Keep the motor and other spare parts free from water as this will cause damage to the appliance.
 - D. Before cleaning the appliance please remember to cut off power.
 - E. If the plug or cord is damaged, please call after-sale service center.
- 8.3 There is a fire risk if cleaning is not carried out in accordance with the instruction; regulations concerning the discharge of air have to be fulfilled.
- 8.4 In case of damaged connecting wire, refer service to the manufacturer, after-sale service personnel or other qualified technicians.
- 8.5 When the cooker hood is shared with other gas or other fuel burning device, the room must be well-ventilated.
- 8.6 The unit according to the instructions to avoid any fire hazard.
- 8.7 Do not make fire under the cooker hood.
- 8.8 Do not vent exhaust into chimneys where other gas or other fuel burning device may mix together.
- 8.9 The gas emission shall conform to relevant stipulations.

2. Notice

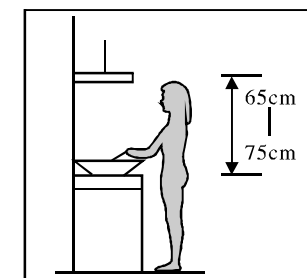
- 2.1 Thanks for choosing our cooker hood. Please read the manual carefully before use.
- 2.2 The installation work must be undertaken by a qualified and competent fitter.
- 2.3 The manufacturer disclaims all liability for any damage or injury caused as a result of not following the instructions for installation contained in the following text.
- 2.4 The cooker hood is used on 220V-240V~ 50Hz/60Hz.

3. Feature

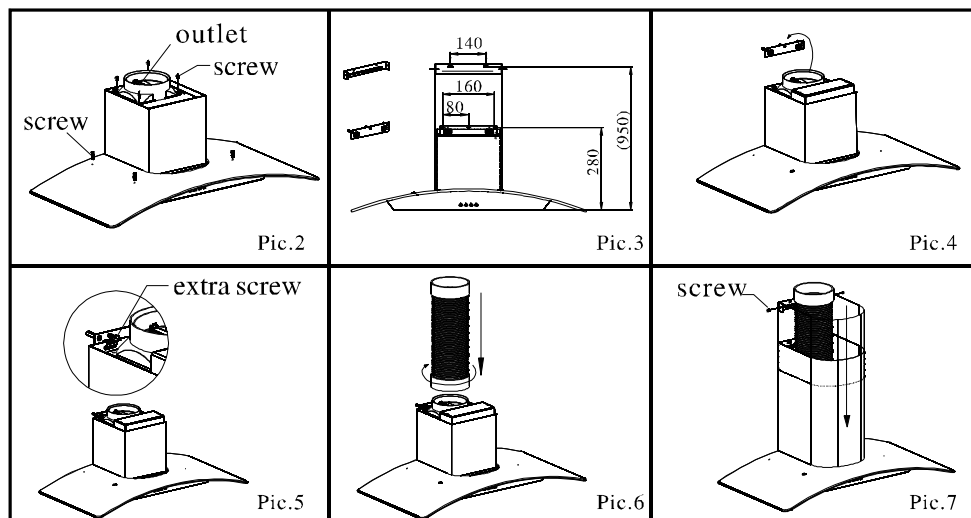
- 3.1 The cooker hood uses high quality materials, and is made with a streamlined design.
- 3.2 Equipped with high power and low noise electric motor, the cooker hood produces strong suction, low noise.
- 3.3 With the isolated low voltage circuit board control, 12V d.c. input, the lights are therefore safer.
- 3.4 Special wind tunnel construction and oil collector design, free dirt will be absorbed in a second.

4. Installation

- 4.1 The cooker hood should be placed at a distance of 65cm~75cm from the cooking plane for a good effect. See pic.1.
- 4.2 There shall be adequate ventilation of the room when the cooker hood is used at the same time as appliance burning gas or other fuels.
- 4.3 Fix the outlet on the motor box. See pic.2.
- 4.4 Drill 3 x 8mm holes to accommodate the bracket.
- 4.5 Insert screws into the holes and tighten.
- 4.6 Fix the drilling template. See pic.3.
- 4.7 Hang the cooker hood on the bracket. See pic.4.
- 4.8 Fix an extra screw to prevent the cooker hood from being inadvertently lifted off the bracket. See pic.5.
- 4.9 Add the external vent to the outlet, later feed through to external wall. See pic.6.
- 4.10 Put the U-shaped section on the suction. See pic.7.
- 4.11 Adjustable decorating trim can be used to adjust the height. If any, please insert it into the U-shaped section and pull upward to suitable height. See pic.7.
- 4.12 Put the grease filter on the bottom of the cooker hood. (If removed in the beginning.)

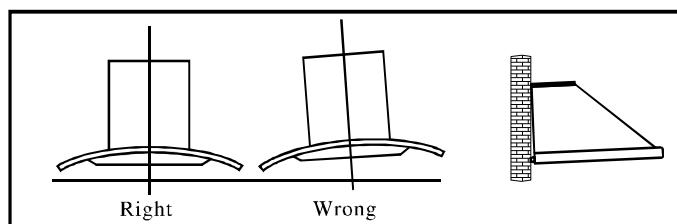


Pic.1



5. Notice of Installation

- 5.1 Before installation, please ensure the area is clean to avoid suction of the remaining bits of broken wood and dust.
- 5.2 It can not share the same air ventilation tube with other appliance such as gas tube, warmer tube, and hot wind tube.
- 5.3 The bending of ventilation tube should be $\geq 120^\circ$, parallel or above the start point and should be connected to the external wall.
- 5.4 Please make sure the bracket is placed horizontally.
- 5.5 After installation, make sure that the extractor is horizontally to avoid grease collection at one end.
- 5.6 After installation, make sure that plug can be pulled out if necessary.



Pic.8

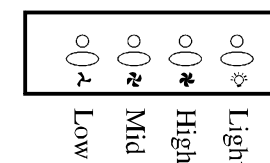
6. Safety Warning

- 6.1 Never let children to operate the machine.
- 6.2 The cooker hood is for home use only, not suitable for barbecue, roast shop and other commercial purpose.
- 6.3 Please ask the qualified person to do the assembling.
- 6.4 The cooker hood and its filter mesh should be cleaned regularly in order to keep in good working order.
- 6.5 Before cleaning, please switch the power off at the main supply.
- 6.6 Clean the cooker hood according to the instruction manual and keep the cooker hood from the danger of burning.
- 6.7 Prevent direct flames from the Gas cooker.
- 6.8 If there is any fault with the appliance, please call after-sale service department to arrange a service engineer.
- 6.9 Please keep the kitchen room ventilated.
- 6.10 The exhaust should not mix the waste gas from other gas.
- 6.11 Prior to any maintenance operation ensure that the cooker hood is disconnected from the main power supply.
- 6.12 The power cord can not be changed or strypped-down arbitrary. If the power cord is damaged, in avoid of danger, it should be changed by special technician. The power cord which is changed should be special power cord provided by manufacturer or seller.

7. Use

Speed adjustment. See pic.9.

- 7.1 Turn on the power, the buzzer will buzz one times. The sound shows that the appliance is powered.
- 7.2 Push the Low button, the indicating light above on, the buzzer will buzz once, and the motor runs at low speed. Push it again and the motor will stop.
- 7.3 Push the Mid button, the indicating light above on, the buzzer will buzz once, and the motor runs at mid speed. Push it again and the motor will stop.
- 7.4 Push the High button, the indicating light above on, the buzzer will buzz once, and the motor runs at high speed. Push it again and the motor will stop.
- 7.5 Push the Light button, the indicating light above on, and the two lighting lamps will come on. Push it again and the lamps will turn off. With every push the buzzer will buzz one time.



Pic.9