# **ROBAM**



**User Manual** 

Before operating this unit, please read the user manual completely and keep it. If the manual is lost, you can send e-mail to overseas@robam.com, request for an electronic manual.

CXW-260-88H2S

Range Hood

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#### Dear users:

Thank for your buying our range hood. Please accept our best regards. Please read this user manual carefully before installation and operation.

\*The pictures in this manual only for your reference. If the picture isn't accord with object, subject to object. We keep to right to update appearance, structure or products without notice.

### Safety Precaution

In order to avoid harm or property damage to the users or other person, the following distinction and marks are stipulated. They are important safety precaution, please comply strictly based on the full understanding.

#### Subject to harmful or destruct degree

Danger	If ignore this sign and operate product improperly, it's highly possible to cause danger, serious injury or fire.
<b>Marning</b>	If ignore this sign and operate product improperly, it's possible to cause danger, serious injury or fire.
Notice	If ignore this sign and operate product improperly, it's possible to cause injury or loss.

#### **Notice and Prohibit Mark**





Please use this product according to manual strictly, or ROBAM shall not take any responsible caused by improper operation.

# **∕i∖** Danger

Don't allow children or weakling to use range hood separately, or it may cause electric shock or other accident.



Prohibit water on motor, switches or other electric parts; Prohibit wash range hood by water spray. Don't use range hood if wet or it may cause electric leakage or shock.



Don't change, stretch, bind or press electric wire, or it's possible to cause electric shock or fire because of broken wire.



Prohibit any change of interior circuit, or it may cause injury or other danger, for example, electric shock or fire.

by Wet Hand

Don't touch plug, electric parts or button by wet hands, or it may cause Prohibit Touch electric shock.



Unplug before cleaning installing or maintaining avoiding from electric shock.

# **M** Danger



Please turn off range hood immediately if pan got fire (range hood shall aggravate fire if it's working) and extinguish fire by effective action. For example, cover flame by metal cover, turn off gas valve immediately and remove inflammable things.



Any abnormal, please turn off power, take off plug or cut off electric source, and contact service. It's possible to cause electric shock or fire if using range hood under abnormal situation.

# **Marning**



Range hood must be installed, disassembled or maintained by professional person.



Stove fire shall be extinguished timely when it is not used; do not flambe under the range hood and it's prohibited to bake food under range hood directly to prevent range hood from damaging and causing accidents.



Don't touch bulb if it's on or just close in short time, or it may cause scald.

#### **Prohibit Touch**



In order to ensure safety, range hood must be installed by specific accessory (especially expansion pipe and wooden screws, or it may cause accidental drop of range hood). The pipe bore and hole must fit tightly during the installation of metal expansion pipe. It is prohibited to make excessively large hole to prevent accidental drop of loosening expansion pipe.



The range hood must be used by specific plug and properly ground it. It's possible to cause electric shock, hot plug or fire because of improper electric wire. Installation must be executed by professional person based on local electrical regulations. Before connect electricity, power must be turned off.



If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



All operation must comply with our safety guidelines as well as local safety regulations.

Strict Execution There shall be adequate ventilation of the room when the range hood is used at the same time as appliances burning gas or other fuels.



This appliance just for household use only. And it's not allowed to exhaust dangerous or explosive matter or air. It should be put under dry and ventilation environment without dangerous air.

# **Marning**



The range hood and electric circuit must be installed by skilled and trained personnel with required qualification. When installation, the related regulation, standard or instruction on fire must be complied. It may cause danger because of improper installation, for example, electric shock, drop or fire accident.



The outlet must be connect with outside. In order to ensure safety and fresh air, waste gas should be exhaust to outside. Don't exhaust waste gas to the wall, loft or garage.



There is a fire risk if cleaning is not carried out in accordance with the instructions.



Keep a good habit to turn off gas hob and gas valve if go outside, sleep or finish operation. Replace or check gas pipe regularly, since gas alarm device can't completely avoid accident caused by gas leakage.



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 to ensure that they do not play with the appliance.



The minimum distance between the supporting surface for the cooking vessels on the hob and the lowest part of the range hood. When the range hood is located above a gas appliance, this distance shall be at least 650mm. If the instructions for installation for the gas hob specify a greater distance, this has to be taken into account.



Range hoods and other cooking fume extractors may adversely affect the safe operation of appliances burning gas or other fuels (including those in other rooms) due to back flow of combustion gases. These gases can potentially result in carbon monoxide poisoning. After installation of a range hood or other cooking fume extractor, the operation of flued gas appliances should be tested by a competent person to ensure that back flow of combustion gases does not occur.

## ⚠Notice



The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels, the discharge of air must fulfill the requirements of local regulations.



Before removing range hood for installation, clean or maintainance, power must be cut off avoiding from electric shock. When installation, clean or maintainance, protective gloove must be wear avoiding from injury.

# **Notice**



The temperature for range hood working can't exceed 40°C.



Because the installation is difficult and hood is heavy, the installation shall be executed by professional person based on manul.



Don't break electric wire or other invisible equipment when cutting something or drilling holes on ceiling.



When range hood is using in well sealed building, it should have air inlet or open door to ensure good ventilation.



When the oil exceeds 2/3 or near tick mark in the oil cup, clean it in time. Don't eat waste oil from oil cup.



The wall of installing range hood needs enough strength. For hollow walls, the thickness of solid layer of hollow wall must be more than 30mm, but for concrete walls, it can be drill holes directly. The range hood must be fixed on the wall firmly.



CAUTION:Accessible parts may become hot when used with cooking appliances.



DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances.

By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly and healthy way.

### Important Information

#### Package of Range Hood

Please settle those packages carefully in order to protect environment.

Don't allow children to play plastic film and package, it may cause asphyxia. Please avoid children near package material.

#### Before use Range Hood

This range hood exhaust fume outside.

Please read this manual and all information carefully before installation and operation. Please comply with our suggestion. If it's necessary, please read manual for gas hob. And please keep these manual carefully for future reference.

If range hood has obvious damage, please don't electrify and contact operator.

This manual is available for different models. So you may find different description with your own range hood.

### **Product Description**

#### **Technical Data**

Мо	del	CXW-260-88H2S Noise		High	47dB(A)
Rated Voltage 220-240V~		Noise	Low	40dB(A)	
Rated Frequency		50Hz	Rated Power Input		266W
Nominal Wi	Nominal Wind Pressure 580Pa		Turbo Power		336W
Max static pressure		1120Pa	Rated Main Motor Power Input		260W
Airflow	High	1140m³/h	Lamp Power(max)		6W
Airliow	Turbo	1680m³/h	Dimension	n (L×W×H)	(895×512×812)mm
Net Weight		33kg			

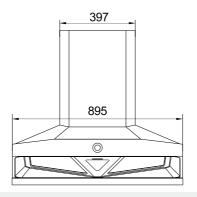
Note: 1. The performance test results are all in 230V~ 50Hz power supply environment. The noise in according to IEC 60704.

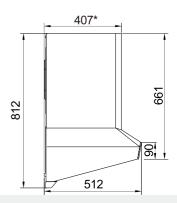
- 2. The determined value of nominal wind pressure, max static pressure shall not be less than 90% of declared value.
- 3. The noise declared value shown is A weighted sound pressure level.

#### **Body Size**

The marked sizes are for reference only, the depth dimension includes machine feet. (Unit: mm)

Note: If the hood is to be wrapped into the cabinet, the inside dimensions of the cabinet should be larger than the dimensions with \*.





## **Packing List**

Please check the items in the container upon unpacking

	No.	Name	Quantity	No.	Name	Quantity
	1	Range hood	1	11	4×60 wood screw	4
	2	Ø185(outer diameter) aluminum exhaust pipe		12	Hitching foot stopper	1
	3	Duct fixing strip	1	13	M6 metal expansion pipe	1
List	4	Duct tape	] '	14	Hitching foot	1
Packing	5	Air duct interface		15	ST4.2×8 self-tapping screw	6
Pac	6	Plastic expansion pipe	4	16	Torsion spring rubber bushing	2
	7	User manual	1	17	Torsion spring shaft liner	2
	8	Check valve	1	18	Left and right with face plate torsion spring	1 for each
	9	Oil cup	1	19	Torsion spring protector	2
	10	ST4.2×22 self-tapping screw	8	20	M4×8 countersunk head screw	2

### Installation



If the flue aperture is less than air duct aperture, it will influence the fume suction effect and the too long air duct will influence the fume suction effect, too.

#### **Preparation for installation**

#### Surrounding

Keep the hood away from too many doors and windows, so as to avoid air convection affecting the efficiency.

#### Tools preparation

The hood will be installed with the following tools

1.an impact drill (with drill bit); 2.a wrench; 3.a screwdriver; 4.a ruler.

#### **Notice**

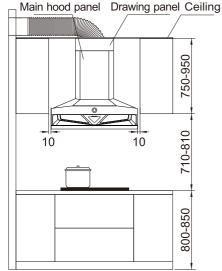
- Installation and circuit setting must be done by experienced professionals. Only a professionally trained person with an installation qualification can install the hood. Non-professionals are not allowed to install, dismantle and repair the hood.
- Please do not power on the hood before installation to avoid electric shock.
- Do not expose the hood if your kitchen is under renovation, because construction materials, dusts, paint, coatings, and emitted gases will corrode and tarnish the hood surface. Therefore, it is recommended to install it after the renovation is completed.
- If you need move the Gas Hob before installing the Range Hood, please close the main valve before moving the Gas Hob.
- Don't install the hood on wood and other combustible walls. The wall shall be made of noncombustible materials with enough strength and the surface shall be flat.
- ●The hood may have very sharp edges. So, please wear protective gloves during hood installation, cleaning or repair.
- When drilling on the wall or ceiling board, keep away from embedded wires and other concealed devices to avoid electric shock and fire.
- Do not install the hood at a too high position as well as keep the hood free from disturbance of ambient airflow lest the reduction of smoke pumping effect shall occur.
- When making cabinet, please leave space for installation and disassembly of the hood in order to maintain and overhaul the hood.
- When installing, please keep the machine body remain horizontal.
- Please use single phase grounded socket and the hood shall be well grounded (water pipe grounding is not reliable and gas pipeline grounding has risks of causing fire disaster and explosion).
- In order to ensure safety and successful installation, please use standard accessories provided with the hood for installation, otherwise the hood may be at risk of falling down.
- If the power cord is damaged, in order to avoid danger, it must be replaced by manufacturer, professionals of its maintenance department or similar departments. Please do not carry out restructuring, stretching, knotting and squeezing or apply heavy objects to the power cord, etc., otherwise it may cause power cord damage easily, leading to accidents such as electric shock and fire disaster, etc.
- The installation height of the mounting section is only applicable to electric cookers. The minimum distance between the supporting surface for the cooking vessels on the hob and the lowest part of the range hood. When the range hood is located above a gas appliance, this distance shall be at least 650mm. If the instructions for installation for the gas hob specify a greater distance, this has to be taken into account.
- After installation, please clean the surface of the hood, and then supply power for test run.

#### Installation

Note: All data in synoptic diagram below are recommended dimensions, and units are expressed in mm.

#### **●**Determine the location:

The removable baffle is properly adjusted according to the actual installation. The installation hole distance is shown in Figure 3, the body should be vertically centered and kept horizontal, the ceiling drilling size is shown in Figure 2, and the socket location is recommended to be installed above the ceiling



(Figure 1-1 Installation method without removal of baffles)

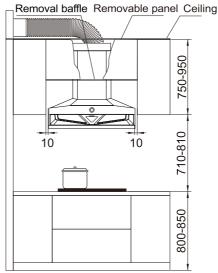


Figure 1-2 has the installation method of removing the baffle)

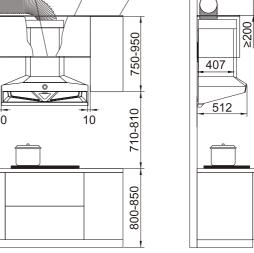
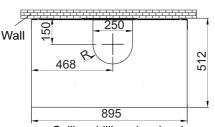


Figure 2

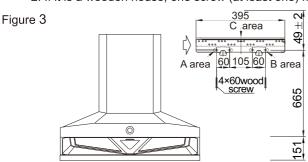


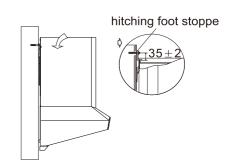
Ceiling drilling size drawing (projection size of the top of the hood)

• Installation of hanging feet: According to the size of the hanging feet in the corresponding position on the wall, using a 10mm diameter drill bit to drill four holes with a depth of 60mm-70mm(not too big), press the expansion tube into the hole, and then use the four 4 x 60mm wood screws provided to fix the hanging foot reliably. At a height of 49mm from the four holes, drill a hole with a diameter of 10mm (not too large) and a depth of 50mm-55mm, and insert the M6 metal expansion tube into the hole (as shown in Figure 3)

Note: 1. Area A and B on the drawing must be fixed with screws respectively (at least one for each area);

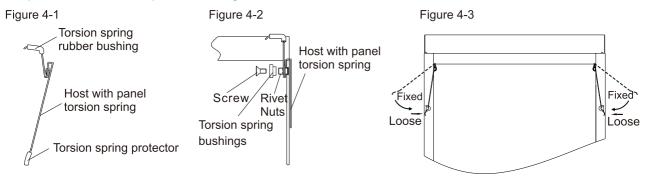
2. If it is a wooden house, one screw (at least one) must be fixed at the corresponding wooden column in Area C.





#### ●Installation of the host with panel torsion springs (Note: this step should be installed before the body is fixed)

- 1.Put the torsion spring rubber sleeve on the mainframe attached panel torsion spring, and then put the torsion spring protection sleeve on.
- 2.Put the torsion spring of the main body attached panel into the rivet nut, then put the torsion spring bushing on the rivet nut, and finally fix the torsion spring bushing with the rivet nut by M4×8 screw.
- 3. Push the mainframe attachment panel torsion springs at both ends of the mainframe attachment panel from the dotted line position to the solid line position for fixing as shown.



#### Install hood body

First, the check valve as shown in Figure 6 fixed, and then in accordance with Figure 3 will be the rear of the body of the hanging hole aligned with the hook of the hanging foot pressed and slid into, shaking the body by hand to see if hung firmly. After the body is installed in place, put in the M6 metal expansion tube with the hanging foot limit block and gasket, and tighten the nut (to prevent the body from accidentally unhooking under the action of external force).

#### Fixed mainframe with panel

Such as Figure 1-1 installation method, at this time, there is still a certain gap between the host attached panel and the top plate, should be shown in Figure 4-3 to loosen the host attached panel torsion spring, and then push the host attached panel to contact with the top plate, and then the host attached panel torsion spring for fixed, and finally tear off the protective film. (Figure 1-2 installation method without adjusting and fixing the host attached panel)

#### Connection the aluminum exhaust pipe

#### Drilling position of the aluminum exhaust pipe (public flues do not require drilling)

a. Aluminum exhaust pipe and hob facing the window: Remove one of the glasses and install a plywood with ventilation holes or punch directly on the glass.

b. Hob away from the window: Install the aluminum exhaust pipe through the window that is close to the hob and connected outside; or install it by punching on the wall that is close to the hob and connected outside.

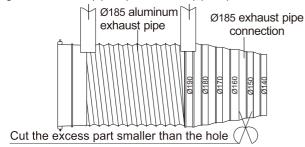
c.Drill hole through the wall: Determine the location of the aluminum exhaust pipe against the wall and draw the drilling range (i.e. a circle slightly larger than the pipe OD). Then use a long drill bit to drill through the wall. Pay attention to the wall structure and material, so as not to destroy other parts of the wall.

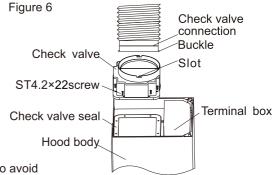
#### Link the aluminum exhaust pipe

First, straighten the aluminum exhaust pipe, put the end without duct fixing strip on the public flue interface and tape it (if there is no public flue, please pull the duct directly to the outdoor). When the public flue interface or wall hole is larger than the aluminum exhaust pipe, it can be directly connected, when it is smaller than the duct, you can choose the duct interface. First, put one end of the aluminum exhaust pipe without duct fixing strip on the duct interface with tape, and then connect it with the public flue interface. The small end of the duct connector has five specifications: 140mm, 150mm, 160mm, 170mm, and 180mm outside diameter, and the excess part smaller than the public flue connector or wall hole can be cut off according to the actual situation.

Then, insert the end of the aluminum foil duct with the duct fixing strip on the outer ring of the check valve interface, and fix it with three ST4.2×8 screws distributed and sealed with duct tape. Finally, put the four snaps of the check valve interface into the four slots of the check valve and rotate clockwise to fix the duct on the check valve.

Figure 5 Exhaust pipe tape Exhaust pipe tape



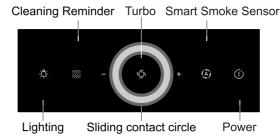


Note: During installation, straighten the aluminum exhaust pipe to avoid noises in semi-stretched state. Excess part may be cut with a wire cutter.

The exhaust wall hole diameter shall be close to that of the exhaust pipe, which shall not be too small. Otherwise, it will cause poor exhaust efficiency, more noises and lower volume, etc. The connection between the pipe and the hole or the public flue must be sealed tightly to ensurethat, the pipe and the check valve or public flue is connected securely. The blades at the public flue connection must be flexible. Recommendation: When the range hood is matched with the anti-smoke back check valve, there is no need to install the range hood with its own check valve blade.

### **User Manual**

#### Switch control panel



Turn on the power, the buzzer will sound, all the lights will be on and off after a few seconds, indicating the power-on state.



Power

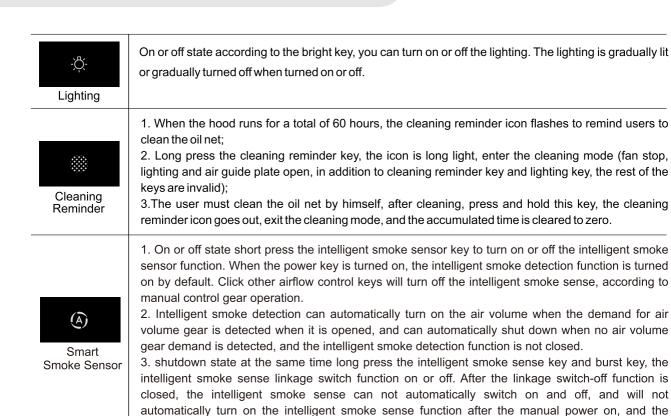
- In the power-on state, press the power button to enter the power-on state and the power icon lights up.
- 1. If only the lighting is on, pressing the power button again will directly turn off the lighting.
- 2. If the fan is working when the power is on, press the power button, the power icon flashes and the range hood enters a 1-minute delayed working state. At this time, short press any function key can exit the delayed shutdown state, if you press the power button, all functions will be turned off;
- 3. In the power-on state, if no function runs for 3 minutes, it will automatically shut down.



- 1. Slide clockwise or click the right half of the ring to adjust the large air volume, the maximum to frying gear;
- 2. The airflow can be adjusted by sliding counterclockwise or by clicking on the left half of the ring to reduce the airflow to the minimum to close;
- 3. Circle display: show the whole circle of blue breathing when turbo air volume; show the whole circle of blue when high gear air volume; show the whole circle of white when low gear air volume.



- Turbo
- 1. Press the turbo button, turbo icon long light, the circle blue full light and display breathing effect, into the burst state. automatically switch to high gear after 3 minutes, the circle stops breathing and changes to a long blue light, and the turbo icon goes out.
- 2. Press the key again in the turbo state, the icon and the circle are off and the fan stops working.



shutdown state can not operate the intelligent smoke sense key.

### Maintenance

#### **Notice**

- The hood should be regularly maintained and cleaned depending on the environmental conditions to keep the body clean and effective and to extend its service life. We recommend: wipe the exterior of the product after each cooking; to ensure the smooth discharge of oil smoke, the oil net depending on the use of frequent cleaning (in the frying state and then click the frying gear, to be fully open baffle cut off the power, before the oil net cleaning), please be careful when washing, prohibit the use of industrial cleaning agents containing acetone, butanone, so as not to damage the hydrophilic coating on the surface of the oil net.
- ●It is recommended to use a neutral detergent to clean instead of strong detergents, and dry with a soft cloth. If your range hood is a mechanical switch, you should also avoid detergent touching each control key.
- Do not allow stains to stay on the surface of the hood for too long.
- ●Please do not use cleaning balls, brushes and other rough objects to clean the hood to prevent the hood body surface from scratching.
- When cleaning or maintaining the hood, please wear protective gloves to prevent wounding during wiping.
- Please regularly check and clean the oil cup. As shown in the right figure, hold the oil cup with both hands, pull it out and pour out the waste oil.
- ●The range hood shall be started before cooking.
- Please unplug it during long-term shutdown, but please do not pull hard.

### **ROBAM**

## Removal of Components

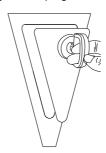
Note: The installation procedures of the following components are in reverse with the removal. Please wear protective gloves during operation to prevent the sharp edge of metal hurting your hands.

Disassembly must be carried out by professionals, and users are not allowed to carry out disassembly. Unplug before installing or disassembling, avoiding from electric shock.

#### Romoval of lamp

●Use suction cups to suck the light panel, pull it out vertically and unplug the connecting wire to repair and replace it.

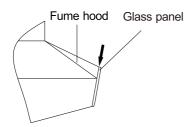


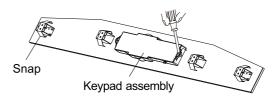


Lamp image		Lamp information	
123	30	Lamp Type	Triangle LED
30°C 218	<u>1=1</u>	Max Power	6W
	1=1	Voltage	12VDC
		Dimension	See the lamp image

#### Romoval of switch

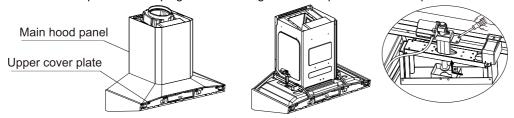
- ●Use a screwdriver or flat metal object to insert into the gap between the fume hood and the glass panel, corresponding to the snap position slightly force outward, remove the glass panel.
- ●Use a screwdriver to unscrew the 2 screws on the keypad assembly, remove the keypad assembly, and unplug the connection cable to repair and replace it.





#### Romoval of electric actuator

- ■Remove the oil cup to remove the whole machine, and remove the front panel glass combination according to the method of "Switch Removal".
- Remove the upper cover plate by unscrewing the screws on the upper cover plate with a screwdriver.
- •Use a screwdriver to unscrew the four screws on the electric actuator, pan the electric actuator in the direction of the arrow, then remove it upward and unplug the connecting cable for replacement and repair.



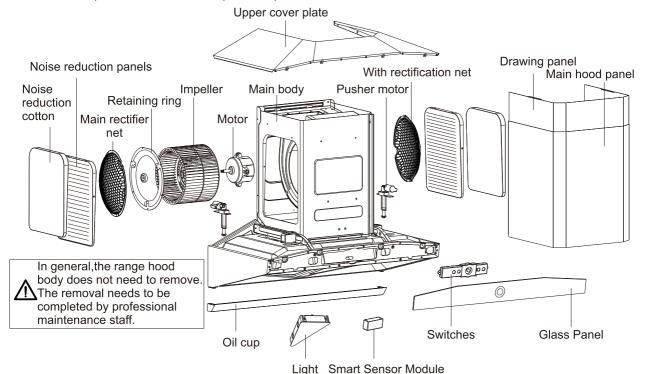
#### Romoval of the hole range hood

- 1. Unplug the power supply, remove the oil cup and take off the whole machine;
- 2. Removing the mainframe attachment panel from the mainframe panel;
- 3. Unscrew the four screws at the rear of the main panel, tilt the main panel forward to a certain angle, and then pull it out with both hands with upward force.
- 4. Remove the noise reduction cotton, then use a Phillips screwdriver to screw down the fastening screws of the noise reduction plate and remove the noise reduction plate.
- 5. Unscrew the fastening screw on the retaining ring and remove the ball-shaped noise reduction plate and the retaining ring.
- 6. Remove the impeller vertically by screwing down the cap clockwise.

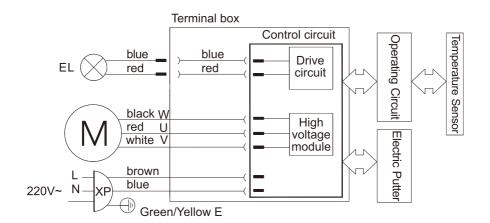
The mounting procedure is the reverse of the dismounting procedure.

(When putting on the impeller, please put some lubricant in the shaft hole of the impeller.)

Note: If no host panel is installed, no steps are required.3



## Circuit Diagram



# Troubleshooting of General faults

Serial number	Fault	Cause	Solution	
1	No response after pressing any icon (e. g. the impeller does not rotate, or the light is off)	The power plug is not connected properly or there is power failure	Plug in the nower blug	
2	Pressing the lighting icon, the headlamp is not lit	The light is damaged or poorly connected	Replace the light or plug in the plug	
3	Induced current exists on the hood body may paralyze hands	The power socket is not grounded well	Use single-phase three-pole socket and well grounded	
4	Abnormal sound during impeller running	The impeller is loose, and the cap is not tightened	Tighten the cap	
5	No oil in the oil cup after a period of time	The hood body is tilt	Adjust the hood body to the horizontal state	
6	Open the air guide in the process of hearing a few beeps prompt, or the air guide can not open completely	Electric actuator drive circuit failure, or electric actuator failure, or electric actuator wire poor contact	Contact a repair professional	
<u>↑</u> Warning	1.When connecting or replacing the plug, please unplug the power plug.     2.If the range hood's power cords are damaged, it must be replaced by our company's professional maintenance staff.			

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