

# 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](mailto:overseas@robam.com), request for an electronic manual.

## **CXW-260-A675S**

Range Hood

# CONTENTS

Safety Precaution.....	1
Important Information.....	4
Product Description.....	5
Packing List.....	5
Installation.....	6
User Manual.....	8
Maintenance.....	10
Removal of Components.....	10
Circuit Diagram.....	12
Troubleshooting of General faults.....	12

### 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.
 Warning	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



 Prohibit	 Prohibit Flame	 Prohibit Touch	 Prohibit Touch by Wet Hand	 Prohibit Disassembly	 Strict Execution	 Necessary Earthed	 Caution Electric Shock	 Caution Scald
-------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------

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









## Danger

 Prohibit	Don't allow children or weakling to use range hood separately, or it may cause electric shock or other accident.
 Prohibit	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.
 Prohibit	Don't change, stretch, bind or press electric wire, or it's possible to cause electric shock or fire because of broken wire.
 Prohibit	Prohibit any change of interior circuit, or it may cause injury or other danger, for example, electric shock or fire.
 Prohibit Touch by Wet Hand	Don't touch plug, electric parts or button by wet hands, or it may cause electric shock.
 Strict Execution	Unplug before cleaning, installing or maintaining, avoiding from electric shock.








### Danger

 Strict Execution	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.
 Strict Execution	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.




### Warning

 Prohibit Disassembly	Range hood must be installed, disassembled or maintained by professional person.
 Prohibit	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.
 Prohibit Touch	Don't touch bulb if it's on or just close in short time, or it may cause scald.
 Strict Execution	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.
 Strict Execution	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.
 Strict Execution	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.
 Strict Execution	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.








## Warning

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

## Notice

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

### Notice

 <b>Strict Execution</b>	<p>Because the installation is difficult and hood is heavy, the installation shall be executed by professional person based on manual.</p>
 <b>Strict Execution</b>	<p>Don't break electric wire or other invisible equipment when cutting something or drilling holes on ceiling.</p>
 <b>Strict Execution</b>	<p>When range hood is using in well sealed building, it should have air inlet or open door to ensure good ventilation.</p>
 <b>Strict Execution</b>	<p>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.</p>
 <b>Strict Execution</b>	<p>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.</p>
 <b>Strict Execution</b>	<p>Accessible parts may become hot when used with cooking appliances.</p>
	<p><b>DISPOSAL:</b> 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.</p> <p>By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly and healthy way.</p>

## 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

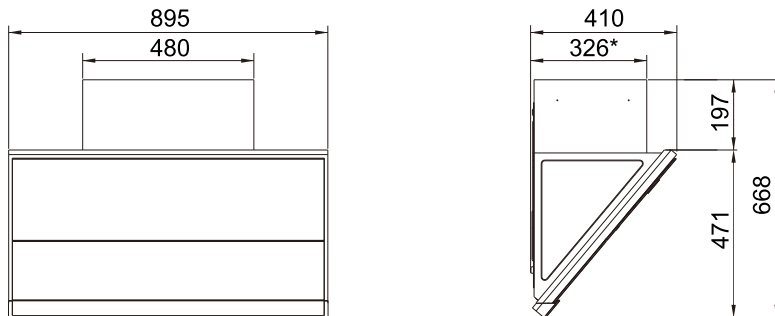
Model	CXW-260-A675S	Noise	50dB (A)
Power Supply	220-240V~ 50-60Hz	Rated Power Input	262W
Total Pressure Efficiency	≥30%	Rated Main Motor Power Input	260W
Nominal Wind Pressure	500Pa	Lamp Power(max)	≤2W
Airflow	1140m <sup>3</sup> /h	Dimension (L×W×H)	(895×410×668)mm
Max static pressure	1000Pa	Net Weight	29.8kg
Normal Odour Reduction Factor	≥98%	Grease Absorption Factor	≥92%

- Note :
1. The performance test results are all in 230V~ 50Hz power supply environment. The airflow in according to IEC61591, the noise in according to IEC60704.
  2. The tolerance between listed of airflow, nominal wind pressure,max static pressure and actual data should be less than 10%.
  3. The noise declared value shown is A weighted sound pressure level.
  4. When turbo function is enabled, the airflow is 1500m<sup>3</sup>/h.

### Body Size

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

Note: The size inside the cabinet should be larger than the size with \*. 326mm is the depth dimension excluding the main panel, and 331mm is the depth after matching the main panel.




## Packing List

Please check the contents of the box after unpacking

装箱单	No.	Name	Quantity	No.	Name	Quantity
	1	Range hood	1	8	ST4.2×18 self-tapping screw	6
	2	∅185(outer diameter) aluminum exhaust pipe	1	9	ST4.2×8 self-tapping screw	6
	3	Exhaust pipe fixed strip		10	4×60 wood screw	4
	4	Exhaust pipe tape		11	M6 metal expansion pipe	1
	5	Exhaust pipe connection		12	Hitching foot stopper	1
	6	User manual		1	13	Hitching foot
	7	Check valve	1	14	Plastic expansion pipe	4

## 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 to 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.
- After installation, please clean the surface of the hood, and then supply power for test run.

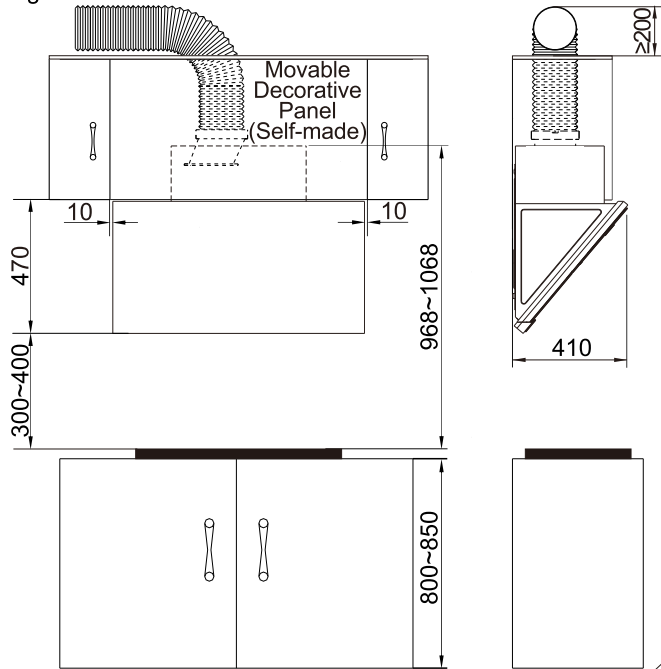


## Installation

Note: All data units in the following diagram are expressed in mm.

● Determine the position: the reserved size of the cabinet is shown in Fig. 1, the drilling size of the suspended ceiling is shown in Fig. 2, and the socket position is recommended to be installed above the suspended ceiling.

Figure 1



Cabinet dimension is for reference only

Figure 3

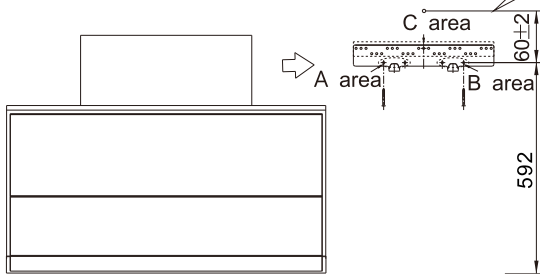
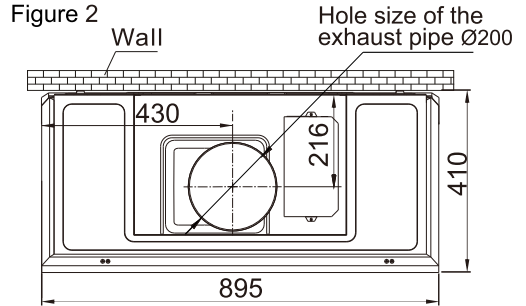
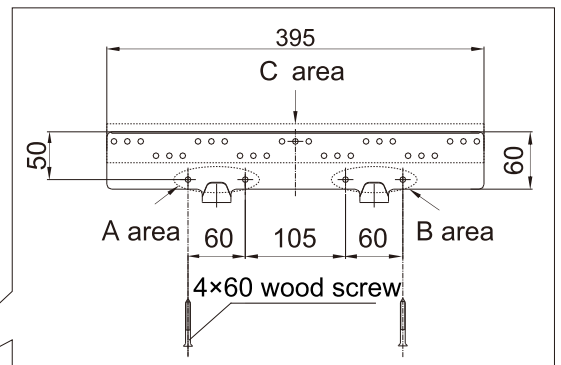


Figure 2



Ceiling hole sizes(Projection size of the hood top)



● **Install hitching feet:** According to the size of the hitching feet, drill four 60mm-70mm-deep holes on the wall accordingly with an 10mm-diameter drill bit (overlarge holes are prohibited). Press the expansion pipe into the holes, and then fix the hitching feet with 4 accompanying 4x60mm wood screws. Drill a hole with diameter of 10mm and depth of 50mm-55mm at the position 60mm above the four holes and insert the M6 metal expansion pipe into the hole. (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.

● **Install the hood body**

Fix the check valve as shown in Figure 5. Then align the hanging holes in the back of hood with the hooks of hitching feet according to Figure 3, and press them together. Shake the body to check if it's hung securely. After the body is mounted, install the hitching foot stopper and gaskets to the M6 metal expansion pipe, and then tighten the nuts (to prevent accidental decoupling of the body under external force).

## Install the aluminum exhaust pipe

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

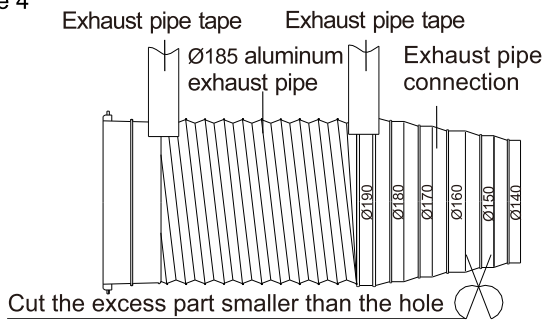
- Aluminum exhaust pipe and hob facing the window: Remove one of the glasses and install a plywood with ventilation holes or punch directly on the glass.
- Hob away from the window: Install the aluminum exhaust pipe through the window that is close to the hob and connected outside; or install it by punching on the wall that is close to the hob and connected outside.
- 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

Insert the end of aluminum exhaust pipe without fixed strip to the pipe connection and stick with tapes, then straighten the aluminum exhaust pipe and connect it to the public flue outlet (If there is no public flue, please straighten the aluminum exhaust pipe to the outdoors). This can be done directly when the public flue outlet or wall hole is larger than the aluminum exhaust pipe. Otherwise, there are five types of pipe small ends (OD:140,150,160,170 and 180 respectively) to be chosen from according to the hole size. Then cut the excess part smaller than public flue outlet or wall hole with scissors.

Then insert the end of the aluminum exhaust pipe with fixed strip in the outer ring of the check valve connection and seal with exhaust pipe tapes. At last, put four snaps of the check valve connection in corresponding slots, and rotate them clockwise to fix the exhaust pipe to the check valve.

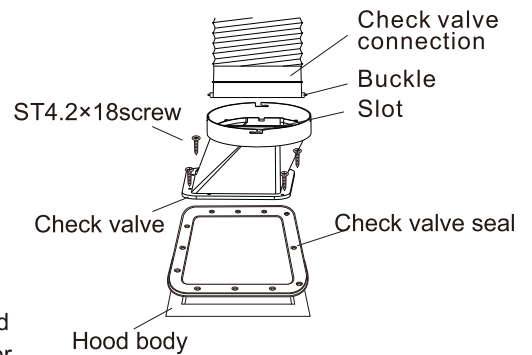
Figure 4



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

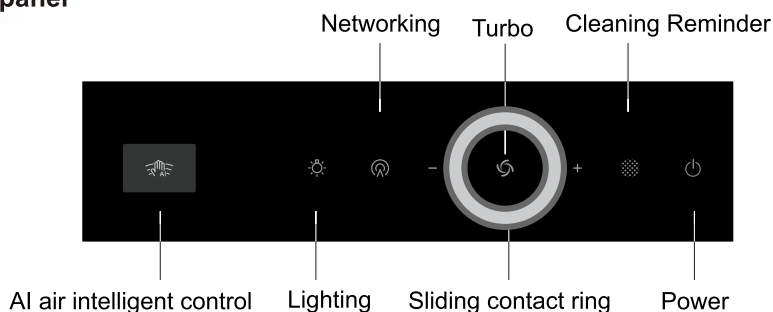
**The exhaust wall hole diameter shall be close to that of the exhaust pipe, which shall not be too small. Otherwise, it will cause poor exhaust efficiency, more noises and lower volume, etc. The connection between the pipe and the hole or the public flue must be sealed tightly to ensure that, the pipe and the check valve or public flue is connected securely. The blades at the check valve connection or public flue connection must be flexible.**

Figure 5

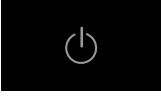


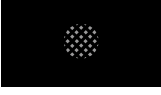
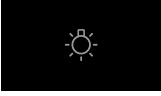

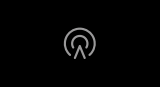


## User Manual

### Switch control panel



When the power supply is turned on, the buzzer sounds, all the indicator lights are on and go out after a few seconds, indicating that the power is on.

 <p>Power</p>	<p>Press the power key to enter the power-on state, and the icon of the power key is on.</p> <ol style="list-style-type: none"> <li>1. If the fan is working when the power is turned on, press the power button, the icon of the power button will flash, and the hood will enter the delayed working state, and the hood will be turned off after 1 minute. When the power button flashes, press the power button again to turn off the hood directly.</li> <li>2. In the power-on state, if no function runs within 3 minutes, it will automatically shut down.</li> </ol>
 <p>Sliding contact ring</p>	<ol style="list-style-type: none"> <li>1. Slide clockwise or click on the right half of the ring to adjust the large air volume, up to the stir-frying gear;</li> <li>2. Slide counterclockwise or click on the left half of the ring to adjust the air volume to the minimum of closing;</li> <li>3. Ring display: The whole circle of blue breathing is displayed when the air volume is stir-fried; The whole circle of blue is displayed when the air volume is strong; When the air volume is weak, the whole circle is white.</li> </ol>
 <p>Turbo</p>	<ol style="list-style-type: none"> <li>1. Press the stir-fry button, the stir-fry icon is always on, the ring blue is all on, and the breathing effect is displayed, thus entering the stir-fry state. After 3 minutes, it automatically switches to the strong gear, the ring stops breathing, changes to blue and lights up, and the stir-fry icon goes out;</li> <li>2. Press this button again in the stir-fry state, the icon and ring will go out, and the fan will stop working.</li> </ol>
 <p>Cleaning Reminder</p>	<ol style="list-style-type: none"> <li>1. When the hood runs for 60 hours, the cleaning reminder icon flashes to remind the user to clean the oil net;</li> <li>2. Press and hold the cleaning reminder button for a long time, and the icon is always on, and enter the cleaning mode (the fan stops, the lighting lamp and the air deflector are turned on, and the other buttons are invalid except the cleaning reminder button and the lighting button);</li> <li>3. The user must clean the oil net by himself. After cleaning, press this button for a long time, the cleaning reminder icon goes out, the cleaning mode is exited, and the accumulated time is cleared.</li> </ol>
 <p>Lighting</p>	<p>Turn on or off the lighting lamp according to the open key. When turned on or off, the lighting lamp is gradually turned on or off.</p>
 <p>AI air intelligent control</p>	<ol style="list-style-type: none"> <li>1. Suspending in front of the sensing area can control the turning on and off of the machine and switch the lights synchronously, waving from left to right to control the big air volume stir-fry and strong gear switch, and waving from right to left to control the small air volume weak gear and close switch;</li> <li>2. In the shutdown state, press the stir-fry button and cleaning reminder button for a long time to turn off or turn on the sensing function, and press the stir-fry button and lighting button for a long time to turn off or turn on the automatic lighting function for gesture startup.</li> </ol>
 <p>Networking</p>	<ol style="list-style-type: none"> <li>1. When the power key is on, press the networking key for a long time to enter the networking configuration state. The networking icon flashes. After networking is successful, the icon lights up for a long time. If the network is not successfully connected for 3 minutes, the icon will stop flashing and go out.</li> <li>2. When the networking is successful and the network is normal, the networking icon will be on for a long time when the network is turned on, and the icon will go out when the network is turned off.</li> </ol>

## Maintenance

### Notice

●The hood shall be cleaned and maintained regularly depending on the surroundings, so as to keep its cleanness & efficiency and extend its service life.

We recommend that: Clean the outer surface of range hood after each cooking.

To ensure smooth discharge of fumes, the protective screening shall be cleaned regularly according to actual situations. Be careful to avoid damage when cleaning.

●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 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.



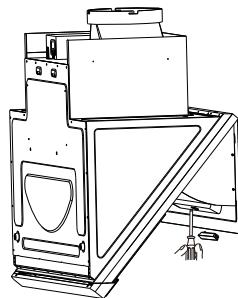
## Removal of Components

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.

⚠ Unplug before installing or disassembling, avoiding from electric shock.

### Removal of lamp

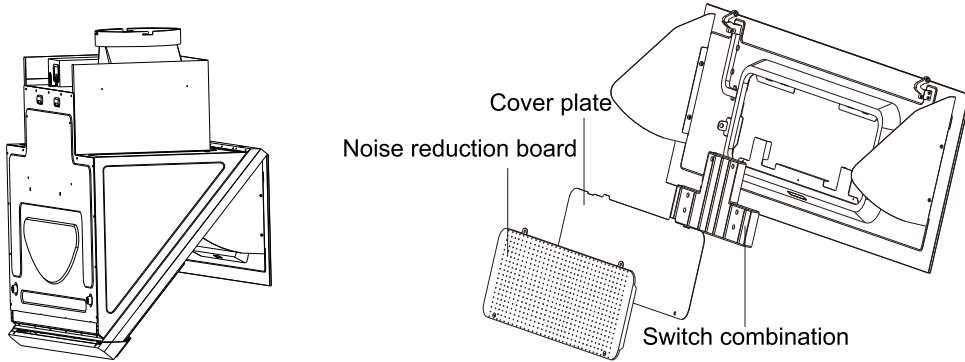
●Long press the cleaning reminder button to open the air deflector, and then unplug the power plug. Insert a flat screwdriver into the gap between the lamp and the air deflector, and pry out the lamp for maintenance and replacement.



Lamp image		Lamp information	
		Lamp Type	Rectangular LED
		Max Power	2W
		Voltage	12VDC
		Dimension	See the lamp image

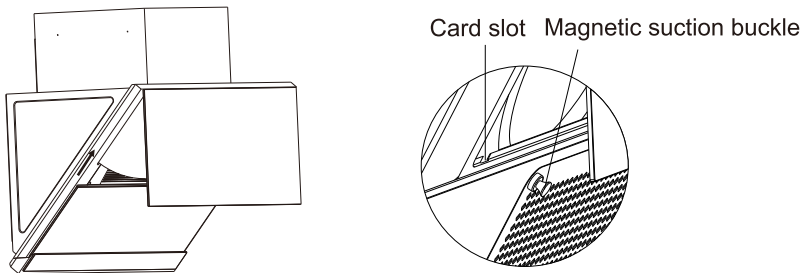
## Removal of switch

- Press the cleaning reminder key for a long time to open the air deflector, and then pull off the power plug.
- Unscrew two screws on the noise reduction plate with a screwdriver, and take out the noise reduction plate and the noise reduction cotton. After unscrewing a screw in the middle of the cover plate, take out the switch combination and unplug the connecting wire, and then repair and replace it.



## Removal of filter

- Press the cleaning reminder key for a long time to open the air deflector.
- Hold the two magnetic clasps on the filter screen with both hands, apply a little force outwards so that the filter screen can no longer be sucked, then lift the filter screen in the direction of arrow to make it out of the clamping groove, and finally draw out the filter screen outwards to clean the filter screen.

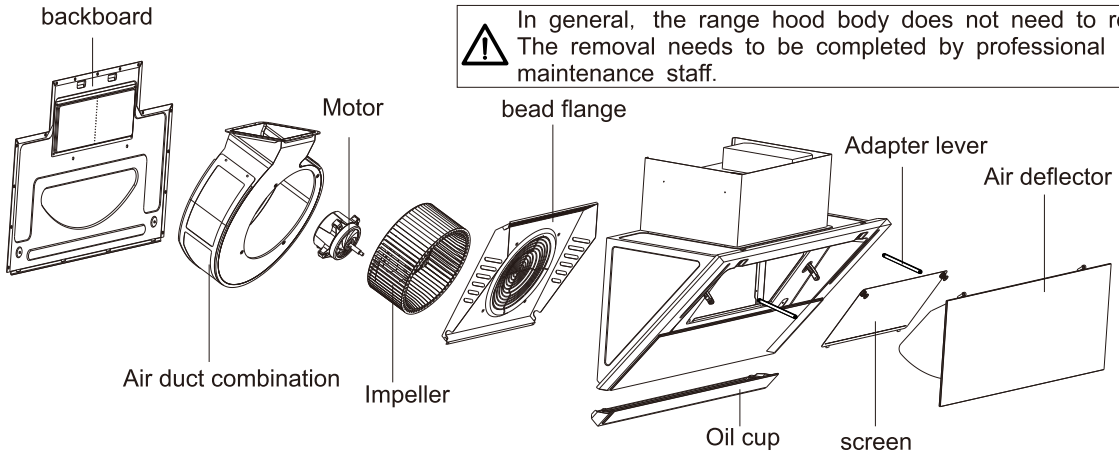


## Removal of the whole range hood

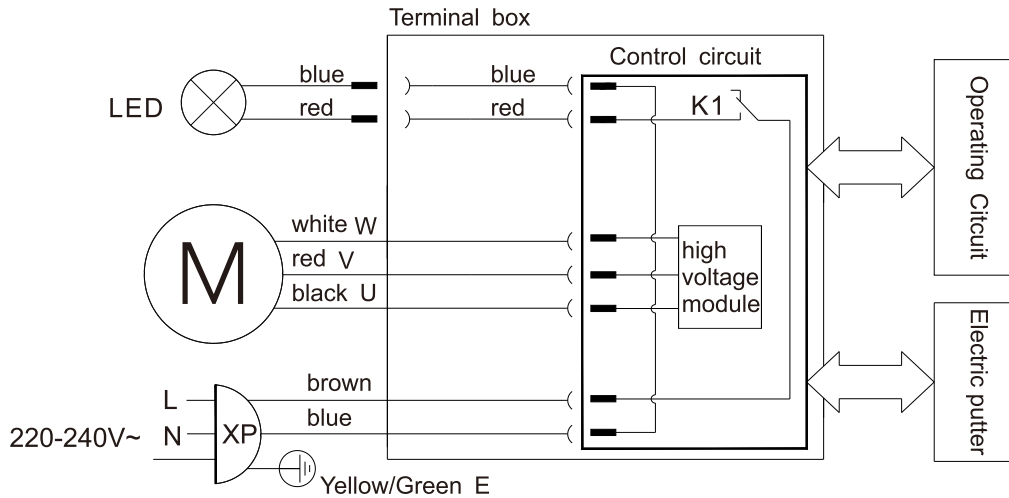
1. After the air deflector is powered on and closed, unplug the power plug.
2. Unscrew the screws on the rear plate, remove the rear plate, unscrew 6 screws at the air outlet of the air duct, and take out the air duct combination;
3. Unscrew the 4 screws on the retaining ring, then unscrew the cap clockwise and take out the impeller vertically;
4. Remove the lamp according to the "lamp disassembly" step;
5. Remove the switch combination according to the "switch disassembly" step;
6. Remove the filter screen according to the "filter screen disassembly" step;

The installation procedure is the reverse of the removal procedure.


(When installing the impeller, please apply some lubricating oil to the shaft hole of the impeller.)



## Circuit Diagram



## Troubleshooting of General faults

Fault	Cause	Solution	 Warning
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 power plug	When connecting or replacing the plug, please unplug the power plug.
Pressing the lighting icon, the headlamp is not lit	The light is damaged or poorly connected	Replace the light or plug in the plug	
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	
Abnormal sound during impeller running	The impeller is loose, and the cap is not tightened	Tighten the cap	
No oil in the oil cup after a period of time	The hood body is tilt	Adjust the body to the horizontal state	
After pressing the airflow key and during the opening of the smoke deflector, there are some beeps or the smoke deflector cannot open at al.	The driving circuit of the electronic push rod or the push rod itself malfunctions, or the wire of the push rod is in poor contact.	Contact professional maintenance personnel	

Edition: A/1

Publication Date: February, 1, 2021

**ROBAM**