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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-260-83H1S**Range Hood**

CONTENTS

Safety Precaution.....	1
Important Information.....	5
Product Description.....	5
Packing List.....	6
Installation.....	6
User Manual.....	9
Maintenance.....	11
Removal of Components.....	11
Circuit Diagram.....	14
Troubleshooting of General faults.....	15

Dear users:

Thank you for purchasing our range hood. Please accept our best regards. Please read this user manual carefully before installing and using, and keep it well for future reference.

*The images in this manual are for reference only. If the images differ from the actual product, please refer to the actual product. Our company is constantly improving the appearance and structure of our products, so we will not notify you of any changes to this information due to product improvements.

Safety Precaution

These are important safety precautions. Please read and follow them carefully.

1. Don't allow children or weakling to use range hood separately, or it may cause electric shock or other accident.
2. Do not allow water to enter the motor, switches, or other electrical components. Do not clean the range hood with a water spray. Don't use range hood if wet or it may cause electric leakage or shock.
3. Don't change, stretch, bind or press electric wire, or it's possible to cause electric shock or fire because of broken wire.
4. Prohibit any change of interior circuit, or it may cause injury or other danger, for example, electric shock or fire.
5. Don't touch plug, electric parts or button by wet hands, or it may cause electric shock.
6. Unplug before cleaning, installing or maintaining, avoiding from electric shock.
7. Turn off the range hood immediately if a pan catches fire (the airflow can spread the flames) and extinguish fire by effective action. For example, cover flame by metal cover, turn off gas valve immediately and remove inflammable things.
8. 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.
9. Range hood must be installed, disassembled or maintained by professional person.

10. 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.

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

12. 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 and the hole must be a snug fit during the installation of metal expansion pipe. Do not drill an excessively large hole to prevent accidental drop of loosening expansion pipe.

13. 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.

14. 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.

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

16. 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.

17. 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.

18. 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.

19. 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.

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

21. 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.

22. 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.

23. 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.

24. 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.

25. The range hood is only intended to be installed over a hob with no more than four hob elements.

- 26.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.
27. Before installing, cleaning, or maintaining the range hood, disconnect the power avoiding from electric shock. During installation, cleaning, or maintenance, protective gloves must be worn avoiding from injury.
- 28.The temperature for range hood working can't exceed 40°C.
- 29.Because the installation is difficult and hood is heavy, the installation shall be executed by professional person based on manul.
- 30.Don't break electric wire or other invisible equipment when cutting something or drilling holes on ceiling.
- 31.When range hood is using in well sealed building, it should have air inlet or open door to ensure good ventilation.
- 32.When the oil exceeds 2/3 or near tick mark in the oil cup, clean it in time. Do not consume the waste oil from the oil cup.
33. 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.
- 34.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 dispose of the packaging materials responsibly 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 exhausts fumes to the outside.

Please read this manual and all information carefully before installation and operation. Please follow all recommendations. If it's necessary, please read the manual for your gas hob. Please keep these manuals for future reference.

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

Product Description

Technical Data

Model	CXW-260-83H1S	Noise	47dB(A)
Rated Voltage	220-240V~	Rated Power Input	262W
Rated Frequency	50-60Hz	Rated Main Motor Power Input	260W
Max static pressure	1300Pa	Turbo Power	362W
Turbo Airflow	1620m³/h	Lamp Power(max)	2W
Net Weight	28.5kg	Dimension (L×W×H)	(895×512×695)mm

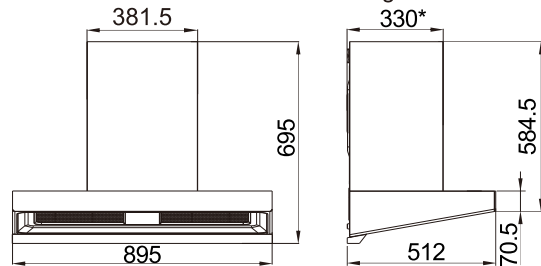
1. The performance test results are all in 230V~ 50Hz power supply environment. The noise in according to IEC 60704.

2. The determined value of max static pressure,airflow 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.
Note: The inside dimensions of the cabinet should be larger than the dimensions with *.
(Unit: mm)



Packing List

Please check the items in the container upon unpacking

Packing List	No.	Name	Quantity	No.	Name	Quantity
	1	Range hood	1	5	Oil cup	1
	2	Ø185(outer diameter) aluminum exhaust pipe	1	6	Pothead	1
	3	User manual	1	7	Accessory packs	1
	4	Check valve	1			

Installation

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

- 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.
- 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.

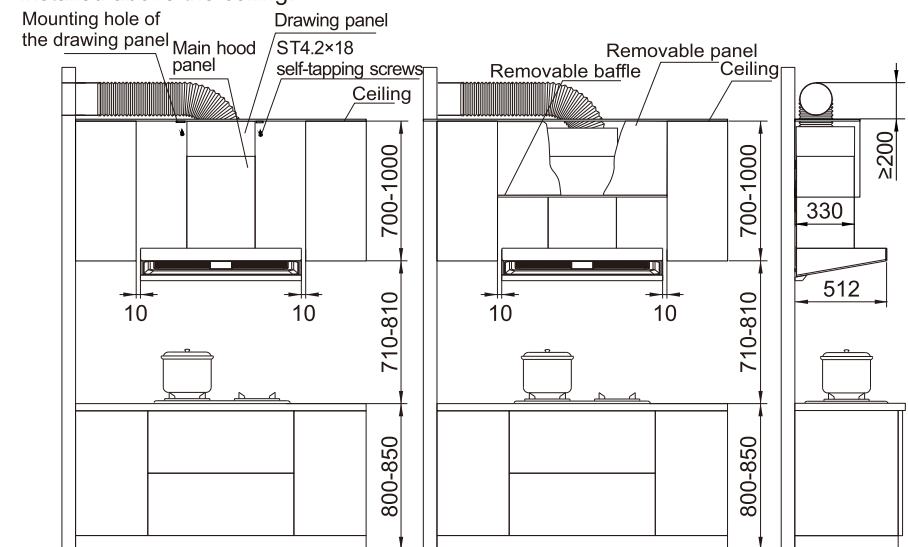
- When making cabinet, please leave space for installation and disassembly of the hood in order to maintain and overhaul the hood.
- When installing, please keep the machine body remain horizontal.
- After installation, please clean the surface of the hood, and then supply power for test run.

Installation

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

Determine the position

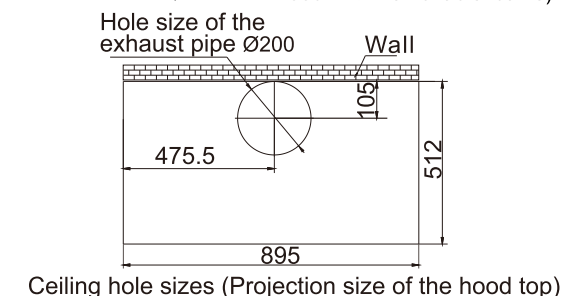
The removable baffle can be adjusted according to the actual situations. The installation pitch of holes is shown in figure 3. The hood body shall be centered vertically and kept level. Ceiling hole size is shown in figure 2. The socket location is recommended to be installed above the ceiling.



(Figure 1-1 Installation method of hood without removable baffle)

(Figure 1-2 Installation method of hood with removable baffle)

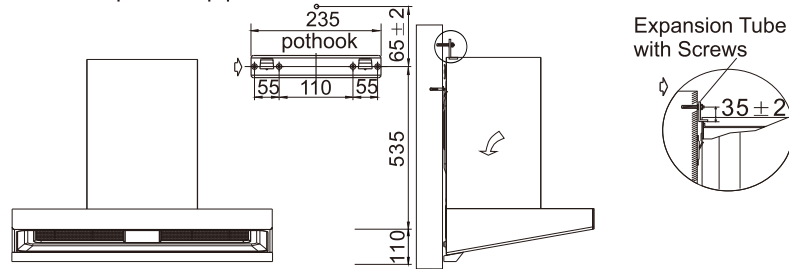
Figure 2



Ceiling hole sizes (Projection size of the hood top)

● **Install pothook:** According to the size of the pothook, drill four holes 60mm-70mm-deep holes on the wall accordingly with a 10mm-diameter drill bit (overlarge holes are prohibited). Press the expansion pipe into the holes, and then fix the pothook with 4 accompanying wood screws. At a distance of 65mm from the height of the four holes, drill a hole with a diameter of 10mm (not too large) and a depth of 50mm-55mm, and plug the M6 metal expansion pipe into the hole.

Figure 3



● Adjust drawing panel

Pull the two brackets of the drawing panel upwards to an appropriate height and then pull out the drawing panel by holding both sides. Remove the protective film (excluding cold plate materials) on the drawing panel and insert it along the gap between the main hood panel and the housing. Then adjust it to the proper height.

● Install 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 pothook according to figure 2, 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 the hood from becoming detached due to external force.

● Install drawing panel

As shown in figure 1-1, there is certain gap between the drawing panel and the top plate. Push the panel against the top plate and then fix it to the top plate with ST4.2 × 18 screws. (If installation method in figure 1-2 is adopted, there's no need to adjust and install the drawing panel)

Note: If there is no drawing panel, no adjustment and installation is required.

Install the aluminum foil exhaust pipe

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

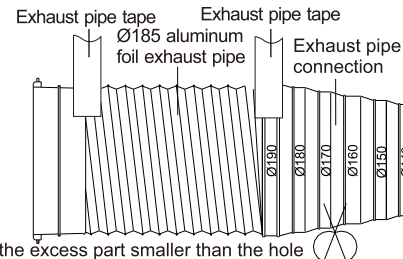
- Aluminum foil exhaust pipe and hob facing the window: Remove one of the glasses and install a plywood with ventilation holes or punch directly on the glass.
- Hob away from the window: Install the aluminum foil exhaust pipe through the window that is close to the hob and connected outside; or install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

First, straighten the aluminum foil 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 foil 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 foil 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.

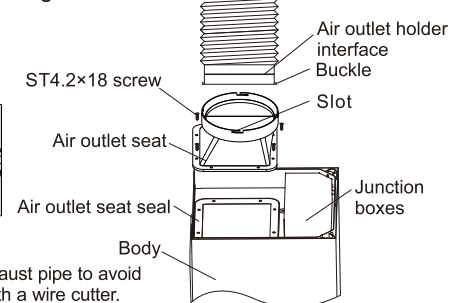
Then, put the four clips of the air outlet seat interface into the four slots of the air outlet seat and rotate clockwise to fix it. Finally, insert the end of the aluminum foil exhaust pipe with the duct fixing strip into the outer ring of the air outlet seat interface, fix it with three short tapping screws in a distribution, and seal it with duct tape.

Figure 4



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

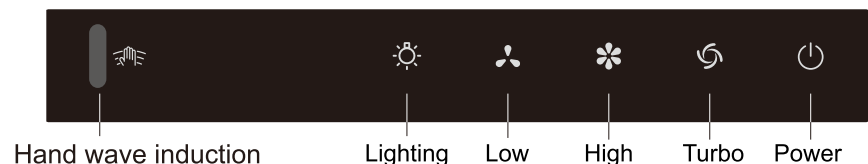
Figure 5



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 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. If the use of the self-contained air outlet seat blade, in the switching machine may appear blade open and close the sound, is a normal phenomenon.

User Manual

Switch control panel



Turn on the power, the buzzer sounds to indicate the power-on state.

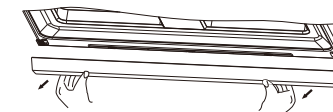
 Power	Press power button to turn on the appliance, the power, lighting and high speed icons will illuminate, then fan starts operating in high gear state. ① When the fan is not operating, pressing the power button will turn off the appliance; ② When the fan is operating, pressing the power button will activate the delayed shutdown state, all functions will automatically turn off after 1 minute. During the delay, pressing the lighting button or fan speed button can cancel the delayed shutdown. If press power button again, all functions will be turned off immediately; ③ If no operation is performed within 3 minutes when only the power button is activated, the appliance will enter the shutdown state.
 Turbo	Only when the power button is turned on: ① Press the turbo button, the turbo icon will light up and enter the high speed state; ② Turbo icon will flashes, the fan starts turbo speed. Nearly 3 minutes later it will automatically switch to the high speed, at this time the icon is long bright, into the high speed operation state.
 High	With the power button turned on: ① Press the high button, the high icon lights up and the fan starts operating at high speed; ② Press the high button again, the high icon turns off and the fan stops operating.
 Low	With the power button turned on: ① Press the low button, the low icon lights up, and the fan starts operating at low speed; ② Press the low button again, the low icon turns off, and the fan stops operating.
 Lighting	When the power is on or off, press the lighting button to turn the light on or off. Press and hold the turbo and lighting buttons simultaneously to set whether the light turns on by default when the appliance is started.
 Hand wave induction	① Hover switch function: When hovering in the powered-off state, the device enters the power-on state while activating the high-speed state and lighting function; when hovering with airflow, it enters the delayed shutdown state; when hovering without airflow, it enters the powered-off state. ② Hand-waving air volume control: While the appliance is on, waving your hand cycles the airflow sequentially through high, Turbo, and low speeds. Waving when there is no airflow activates High speed. Waving during delayed shutdown cancels the delay. Note: Press and hold the high and low buttons simultaneously to enable or disable the gesture control function.

 Cleaning Lock	When powered on and powered off, press and hold the low speed + lighting button simultaneously to enter the cleaning lock state. The low speed and lighting button icons remain steadily lit, the lighting automatically turns on, and the fan shuts off. During this state, all button except the following are inactive: ① Press the lighting button, the lighting turns off, with the low and lighting icons blinking slowly, press the lighting button again to turn on the light, the low speed and the lighting icons light up steadily. This cycle repeats alternately; ② Press and hold the low button + lighting button simultaneously to exit the cleaning lock state, enter the shutdown state, with the lighting turning off.
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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 check and clean the oil cup regularly by squeezing the cup with both hands as shown on the right and pulling it outward to pour off the waste oil.
- The range hood shall be started before cooking.
- Please unplug it during long-term shutdown, but please do not pull hard.



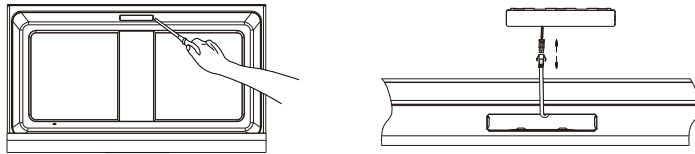
Removal of Components

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.

- ⚠ The disassembly must be carried out by professional personnel, and users are not allowed to carry out the disassembly. Before installation or disassembly, the power supply must be cut off to avoid electric shock.

Removal of lamp

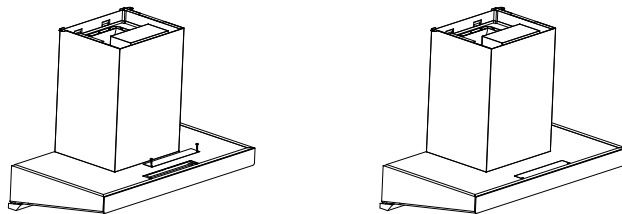
- Use a small flat-head screwdriver or something smaller and more pointed to embed in the gap between the lampshade and the smoke collector.
- Remove the spotlight by tilting it outward firmly, removing it from the smoke collector, and unplugging the light connection wire terminal.



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

Removal of switch

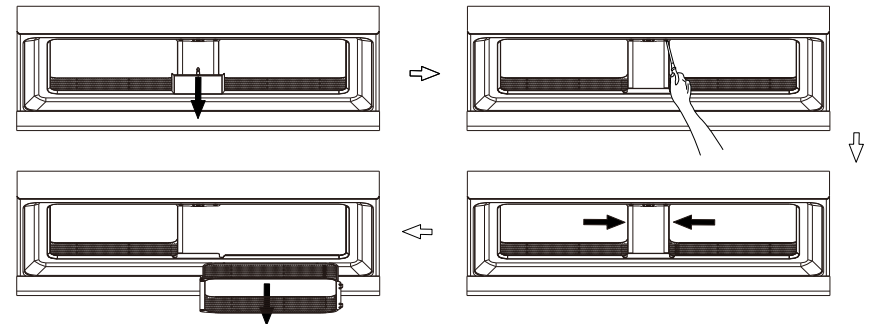
- Remove the small cover plate by unscrewing the 2 screws on the plate.
- Unscrew the 2 screws on the switch cover plate, rotate and flip out the switch cover plate, and pull out the switch assembly for repair or replacement.



Removal of filter

- Pull down the baffle assembly firmly and remove it horizontally, being careful not to spill oil from the baffle assembly during removal.
- Remove the filter screws with a Phillips screwdriver.
- First, hold the filter by hand and pan it toward the center of the smoke plenum to disengage the filter pins from the snaps.
- Pull the filter toward the wall, and then pull out the filter at a slanting angle.

Note: The left and right side filters are removed in the same way, and installed in the opposite way and step.



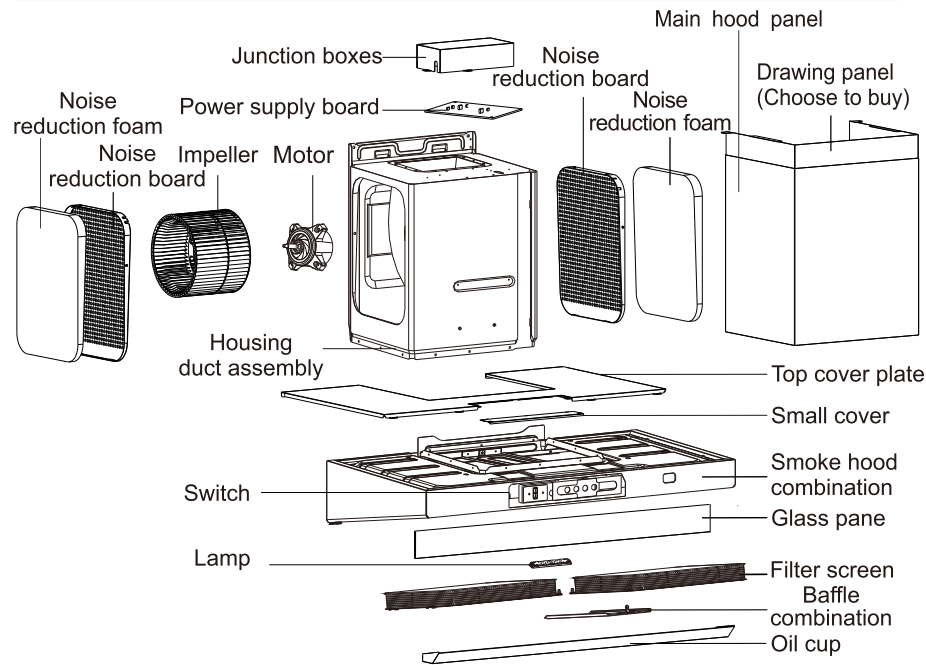
Removal the whole range hood

1. Unplug the power supply, remove the oil cup and take off the whole machine;
2. Unscrew the four screws at the rear of the main panel, tilt the main panel forward to a certain angle, and then use the dual pull out with an upward force with your hand;
3. Remove the mainframe attachment panel from the mainframe panel;
4. Remove the noise-reducing cotton, then use a Phillips screwdriver to unscrew the fastening screws of the noise-reducing plate and remove the plate;
5. Unscrew the retaining screw on the retaining ring and remove the ring;
6. Unscrew the cap clockwise and remove the impeller vertically.

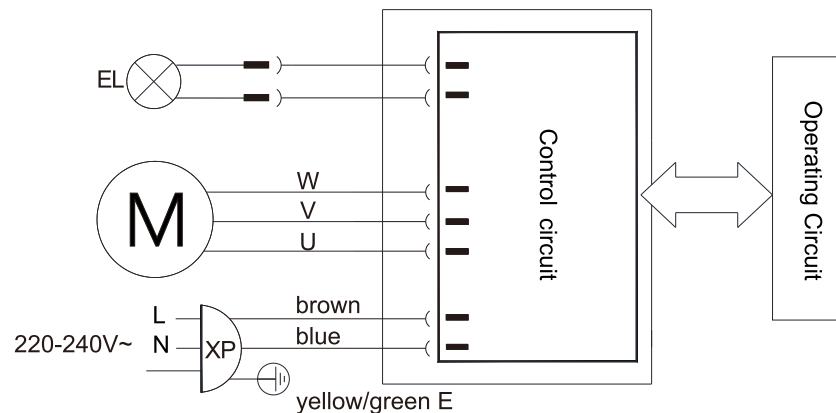
The mounting procedure is the reverse of the dismounting procedure. (When mounting the impeller, apply some lubricant to the shaft hole of the impeller.)

Note: Step 3 is not required if the mainframe accessory panel is not installed.

! The body does not need to be disassembled under normal circumstances. Disassembly is to be done by specialized maintenance personnel.



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 power plug
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
Warning	When connecting or replacing the plug, please unplug the power plug.		