

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-260-86H1S

Range Hood

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READ AND SAVE THESE INSTRUCTIONS

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.
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 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.
	Don't touch plug, electric parts or button by wet hands, or it may cause electric shock.
	Unplug before cleaning, installing or maintaining, avoiding from electric shock.

READ AND SAVE THESE INSTRUCTIONS

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 lamp when it's on or just turned off in a 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.

READ AND SAVE THESE INSTRUCTIONS

Warning

 Strict Execution	For Residential 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	TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING: a) SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT. b) NEVER PICK UP A FLAMING PAN – You may be burned. c) DO NOT USE WATER, including wet dishcloths or towels – a violent steam explosion will result. d) Use an extinguisher ONLY if: 1) You know you have a Class ABC extinguisher, and you already know how to operate it. 2) The fire is small and contained in the area where it started. 3) The fire department is being called. 4) You can fight the fire with your back to an exit.
 Strict Execution	TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE: a) Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings. b) Always turn hood ON when cooking at high heat or when flambeing food (i.e. Crepes Suzette, Cherries Jubilee, Peppercorn Beef Flambe'). c) Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter. d) Use proper pan size. Always use cookware appropriate for the size of the surface element.

READ AND SAVE THESE INSTRUCTIONS

Warning



Strict
Execution

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- a) Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- b) When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- c) Ducted fans must always be vented to the outdoors.



Strict
Execution

TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCTWORK.



Strict
Execution

TO PROVIDE PROTECTION AGAINST ELECTRIC SHOCK, CONNECT TO PROPERLY GROUNDED OUTLETS ONLY.



Strict
Execution

GROUNDING INSTRUCTIONS: This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.



Strict
Execution

Improper grounding can result in a risk of electric shock.



Strict
Execution

Consult a qualified electrician if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.



Strict
Execution

Do not use an extension cord. If the power supply cord is too short, have a qualified electrician install an outlet near the appliance.



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.

READ AND SAVE THESE INSTRUCTIONS

Warning



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 maintenance, power must be cut off avoiding from electric shock. When installation, clean or maintenance, protective gloove must be wear avoiding from injury.



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.

READ AND SAVE THESE INSTRUCTIONS

Notice



Strict
Execution

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

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.

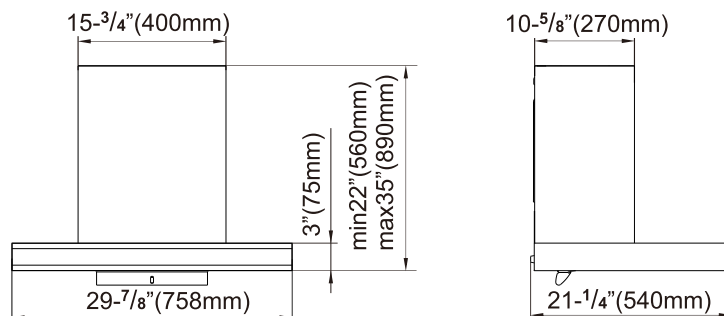
If range hood has obvious damage, please don't electrify and contact operator.

Product Description

Technical Data

Model	CXW-260-86H1S	Dimension (L×W×H)	(29- ⁷ / ₈ ×21- ¹ / ₄ ×22)" (758×540×560)mm
Power Supply	120V~ 60Hz		
Rated Current	5A	Net Weight	50.3lbs(22.8kg)
Rated Main Motor Power Input	260W	Rated Power Input	262W
Lamp Power(Max)	2W	Turbo Power	362W

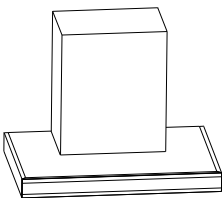
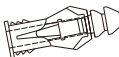
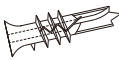
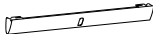
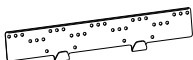
Size



The size marked is for reference only.

Packing List

Please check the items in the container upon unpacking

Standard Offerings			
 Range Hood	1	 User Manual	1
		 Plastic Expansion Tube (Tile)	4
 Check Valve	1	 Plastic Expansion Tube (Plasterboard)	4
 Gasket	1	 4x60 Wood Screw	4
 Oil Cup	1	 ST4.2x18 Self Tapping Screw	10
 Hitching Bracket	1	 ST4.2x8 Self Tapping Screw	6
 Hitching Bracket Block	1	 M6 Metal Expansion Tube	1
 Warranty Card	1		

Note: Please mount the oil cup in the container on the mesh enclosure when to use the machine.

Installation

Warning

- 1.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.
- 2.Note that when installing the metal expansion pipe, the pipe shall match with the hole in size. Overlarge hole is prohibited, as it will result in loose pipe and accidental drops.
- 3.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.
- 4.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.
- 5.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.

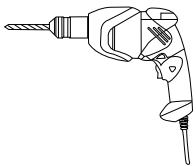
Preparation for installation

●Surrounding

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

●Tools preparation

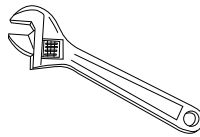
The hood will be installed with the following tools



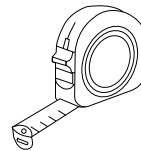
Electric percussion drill



Electric screwdriver



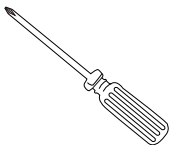
Wrench



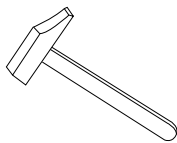
Measuring tape



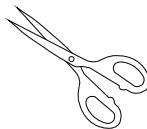
Gloves



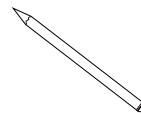
Cross screwdriver



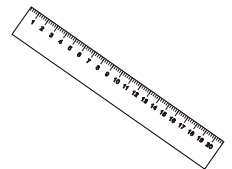
Hammer



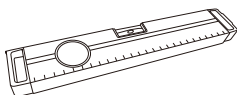
Scissors



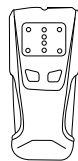
Pencil



Ruler



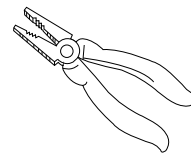
Level meter



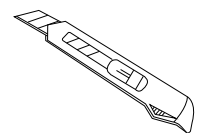
Beam detector



Goggles



Cutting pliers



Art knife

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.
- 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

The range hood should be installed directly above the stove. In order to ensure the safety and the best effect of oil fume suction, it is suggested that the minimum distance between the lowest installation section of the range hood and the cooker supporting surface on the stove should be $25\frac{9}{16}"$ (650 mm) and the maximum should not be greater than $29\frac{9}{16}"$ (750 mm). If the state or region has laws on installation height of the range hood, it is recommended to comply with the laws, but the fume suction effect of the product may be greatly affected.

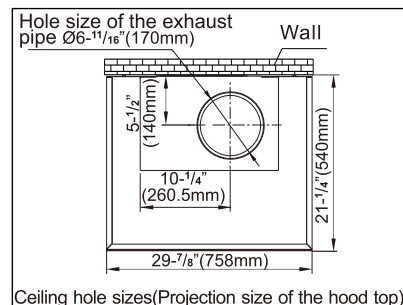
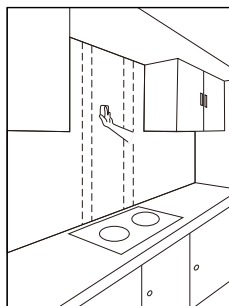
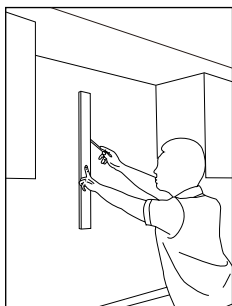
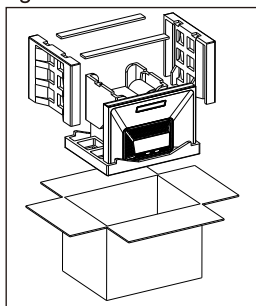
The range hood can be installed in two modes: with or without an upper cabinet.

Note: 1. The hitching leg must be fixed to the beam with a screw.

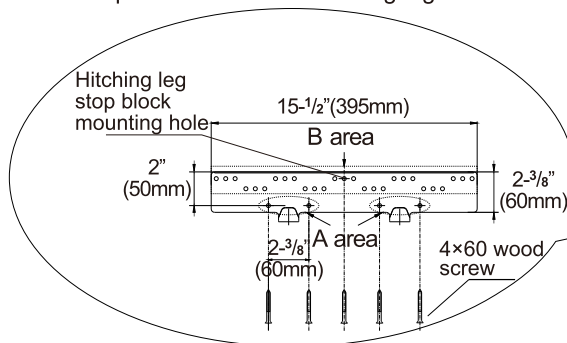
2. Please operate with protective gloves and goggles.

● Installation without an upper cabinet

1. Open the container and take out the machine, and check the items inside against the packing list.
2. Draw a vertical center line in the installation position, and then use the beam detector to find the beam to fix the hitching leg, and mark it with a pencil; At the same time, open air duct holes in the ceiling according to the dimensions shown in the figure below.



3. Determine the positions to fix the hitching leg and the hitching leg stop block.



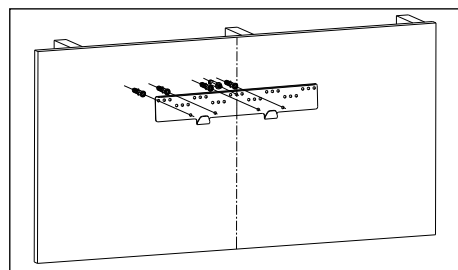
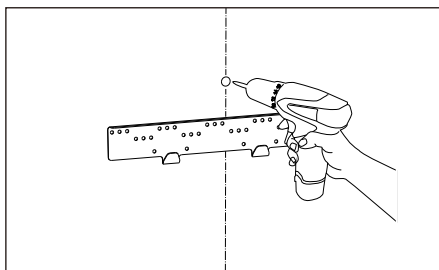
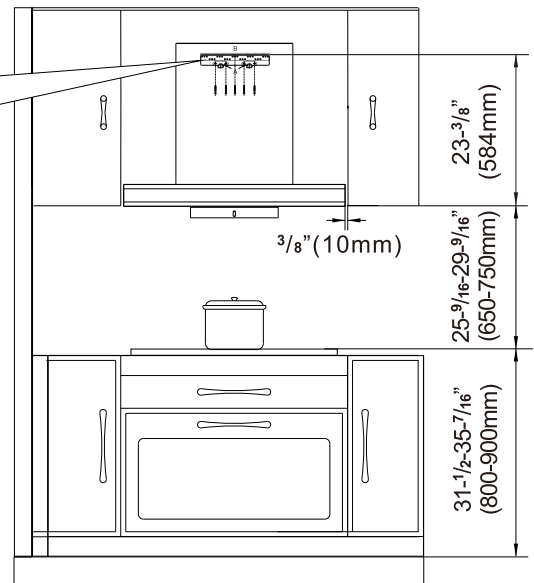
Note: The hitching leg must be fixed on the beam with a screw. With the stove bearing surface as the base, mark the drill holes in the corresponding position of the wall according to the distance from the hitching leg hole to the bottom of the machine, and the height of the bottom of the hanging cabinet. The relevant size is given as below:

- 1). Range hood: the distance from the bottom of the machine (the bottom of the cabinet) to the stove bearing surface is $25\frac{9}{16}$ - $29\frac{9}{16}$ " (650-750mm);
- 2). Hitching leg: the distance from the top of the hitching leg to the bottom of the machine is $23\frac{3}{8}$ " (584mm).

4. Fixed hanging feet

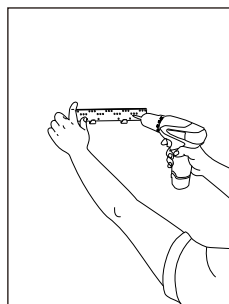
- 1) When the wall of the hanging machine is tile, use a drill bit of $\frac{5}{16}$ " (8mm) in diameter to drill a hole of $2\frac{3}{8}$ " (60mm) - $2\frac{3}{4}$ " (70mm) in depth at the mark (not too big), press bulged tube(tile) into the hole.
- 2) When the hanging wall is gypsum board, use a screwdriver to screw the bulged tube (gypsum board) into the wall directly at the mark.

Then, at the mark of the hanging foot stopper fixed orifice, drill a hole with a diameter of $\frac{3}{8}$ " (10mm) (not too large) and a depth of 2" (50mm) - $2\frac{3}{16}$ " (55mm). The M6 metal bulged tube is inserted into the hole.

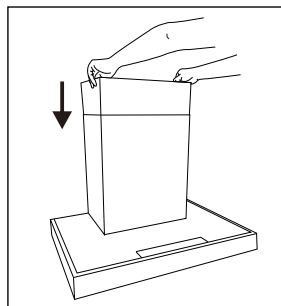
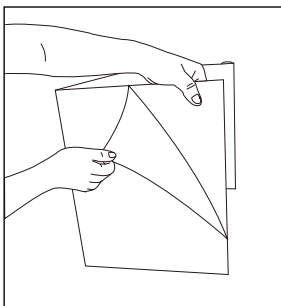
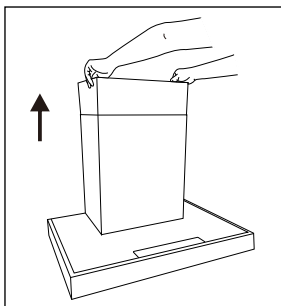


5. Remove M6 metal expansion pipe, nut and washer, and reliably fix the hitching leg with 4×60mm wood screws supplied with the machine. Use a level ruler to make sure the hitching leg is in a horizontal position. Note:

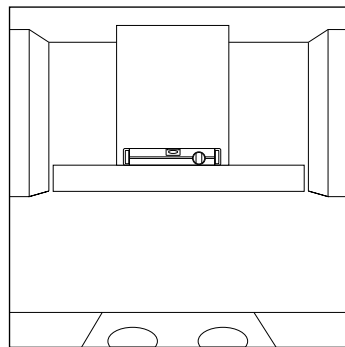
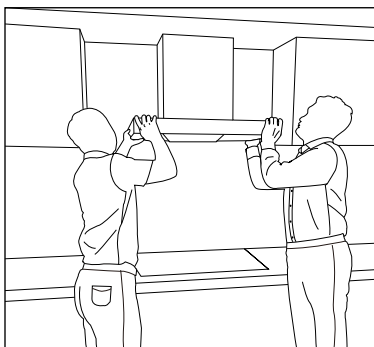
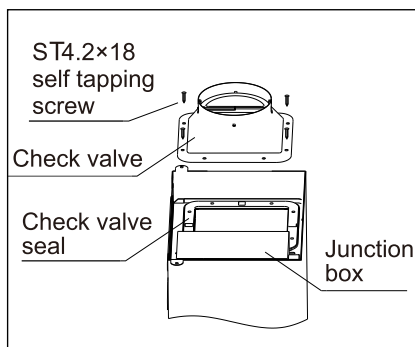
- 1). The hitching leg must be fixed to the beam with a screw.
- 2). The A area hole in the figure must be fixed, and the B area hole corresponding to the wooden column must be fixed with the screw.



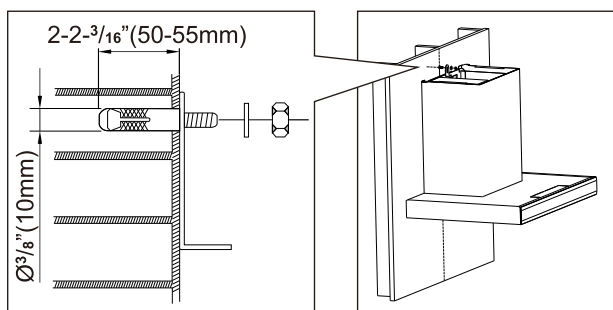
6. Pull the two supports of the attached panel of the mainframe with both hands and pull them upward, tear off the protective film of the panel and the attached panel of the mainframe, and insert the attached panel of the mainframe back along the gap between the panel of the mainframe and the shell.



7. Fix the check valve on the range hood as shown in the figure, then lift the range hood and hang the back hook hole up at the hitching leg on the wall at an angle, and use a level ruler to ensure that the machine is installed horizontally.

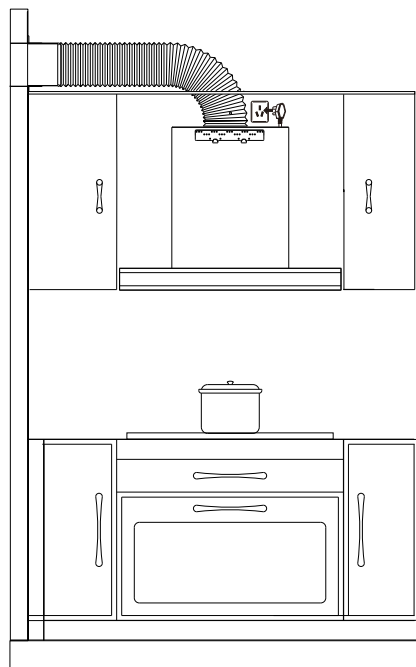


8. After the machine is installed in place, install the hitching leg stop block and the gasket on the M6 metal expansion pipe, and tighten the nut (to prevent the machine from decoupling accidentally under external force).

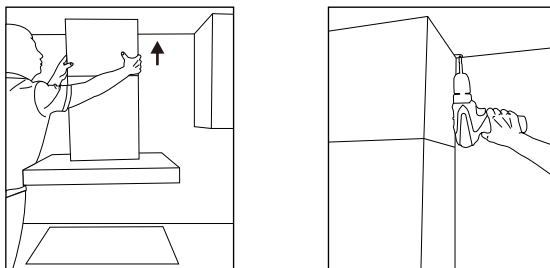


9. Attach the duct (optional) to the check valve and seal with aluminum tape, and then plug it in.

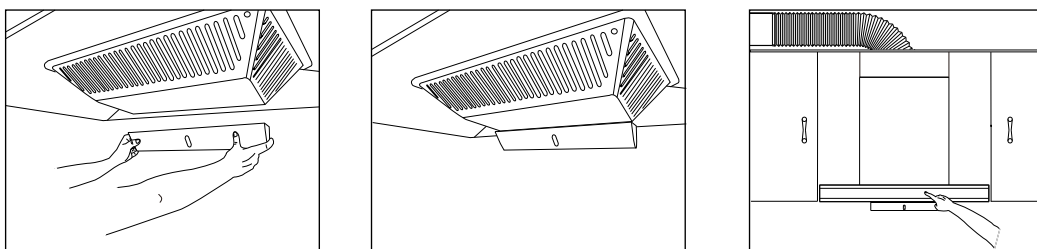
Note: Please straighten the flexible aluminum duct when mounting, to avoid noise generated when the flexible aluminum duct is semi-stretched, and cut off the excess parts with wire pliers. The connection between the air outlet pipe and the wall hole or the public flue must be tightly sealed to ensure that the air outlet pipe is firmly connected with the check valve or the public flue, and ensure that the blade at the connection of the check valve or the public flue is opened and closed flexibly.



10. At this time, there is still a certain gap between the attached panel of the mainframe and the roof, so the attached panel of the mainframe should be pulled out and pushed to contact with the roof, and then the attached panel of the mainframe should be fixed on the roof with ST4.2×18 screws.

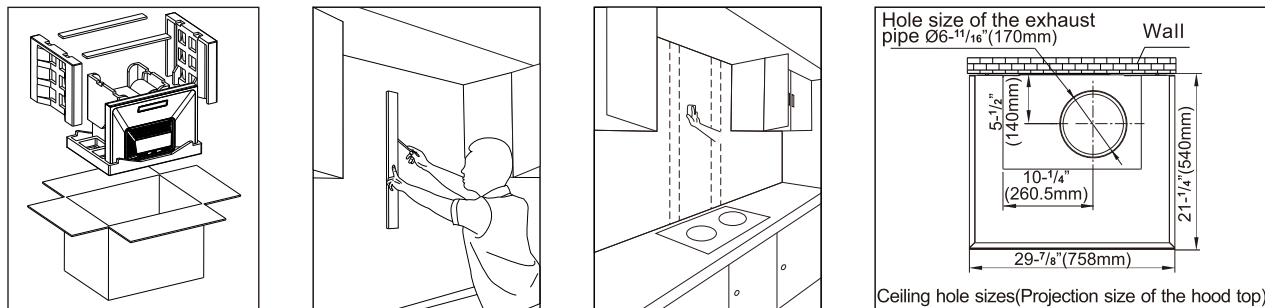


11. After installation, the whole machine must be kept horizontal. In the end, insert the oil cup into the hitching leg on the bottom of the mesh enclosure and power it for trial operation.



●Installation with an upper cabinet

1. Open the container and take out the machine, and check the items inside against the packing list.
2. Draw a vertical center line in the installation position, and then use the beam detector to find the beam to fix the hitching leg, and mark it with a pencil; At the same time, open air duct holes in the ceiling according to the dimensions shown in the figure below.

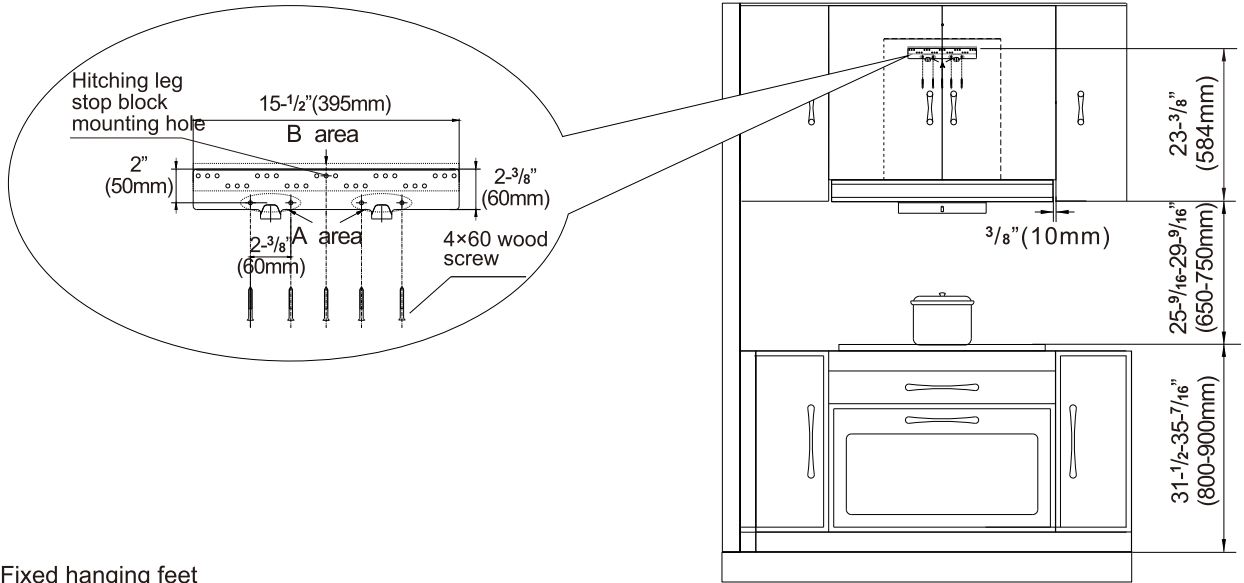


3. Determine the positions to fix the hitching leg and the hitching leg stop block.

Note: The hitching leg must be fixed on the beam with a screw.

With the stove bearing surface as the base, mark the drill holes in the corresponding position of the wall according to the distance from the hitching leg hole to the bottom of the machine, and the height of the bottom of the hanging cabinet. The relevant size is given as below:

- 1). Range hood: the distance from the bottom of the machine (the bottom of the cabinet) to the stove bearing surface is $25\frac{9}{16}$ - $29\frac{9}{16}$ " (650-750mm);
- 2). Hitching leg: the distance from the top of the hitching leg to the bottom of the machine is $23\frac{3}{8}$ " (584mm).

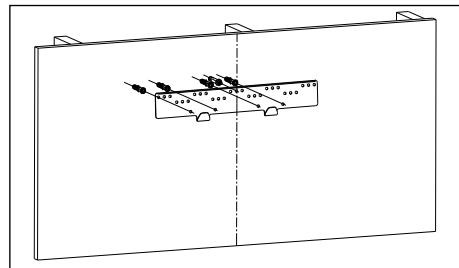
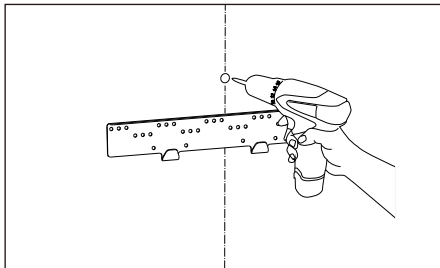


4. Fixed hanging feet

1) When the wall of the hanging machine is tile, use a drill bit of $\frac{5}{16}$ " (8mm) in diameter to drill a hole of $2\frac{3}{8}$ " (60mm)- $2\frac{3}{4}$ " (70mm) in depth at the mark (not too big), press bulged tube(tile) into the hole.

2) When the hanging wall is gypsum board, use a screwdriver to screw the bulged tube (gypsum board) into the wall directly at the mark.

Then, at the mark of the hanging foot stopper fixed orifice, drill a hole with a diameter of $\frac{3}{8}$ " (10mm) (not too large) and a depth of 2" (50mm) - $2\frac{3}{16}$ " (55mm), The M6 metal bulged tube is inserted into the hole.

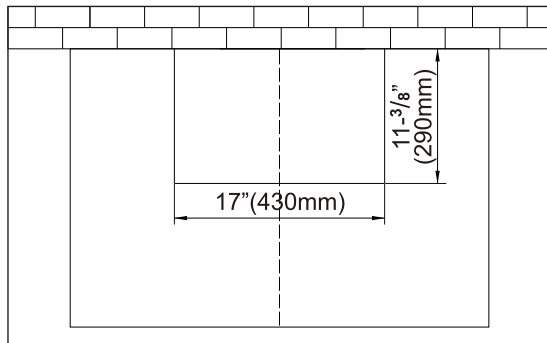
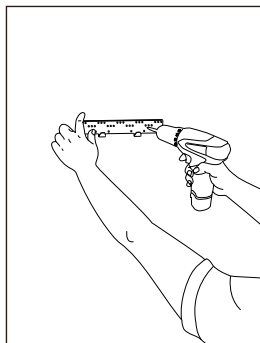


5. Remove M6 metal expansion pipe, nut and washer, and reliably fix the hitching leg with 4×60mm wood screws supplied with the machine. Use a level ruler to make sure the hitching leg is in a horizontal position. Note:

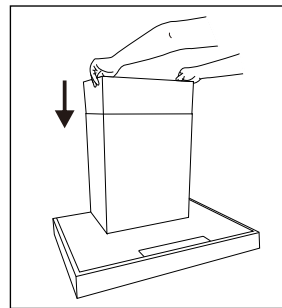
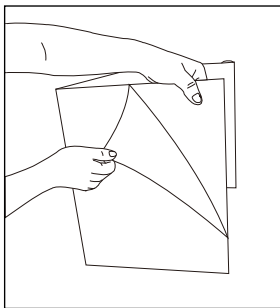
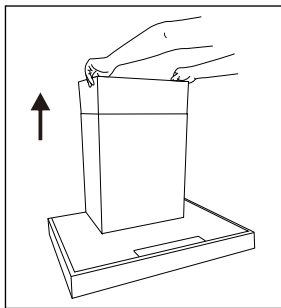
1).The hitching leg must be fixed to the beam with a screw.

2).The A area hole in the figure must be fixed, and the B area hole corresponding to the wooden column must be fixed with the screw.

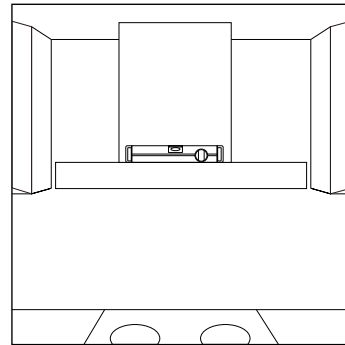
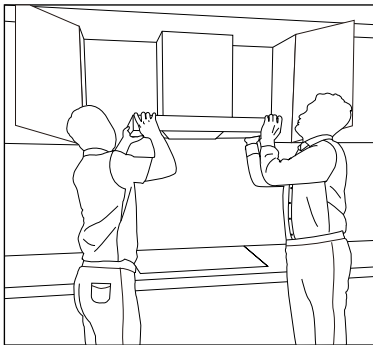
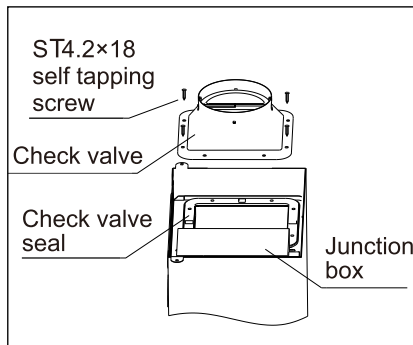
6.Make holes on the cabinet floor according to the size shown in the illustration.



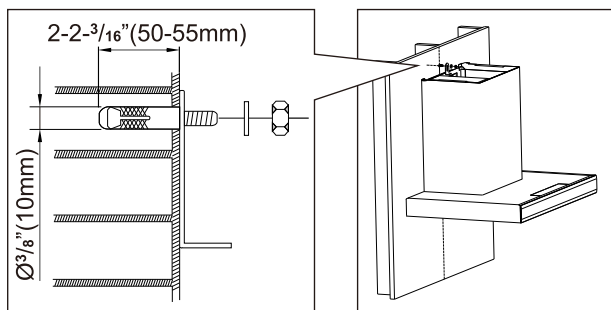
7. Pull the two supports of the attached panel of the mainframe with both hands and pull them upward, tear off the protective film of the panel and the attached panel of the mainframe, and insert the attached panel of the mainframe back along the gap between the panel of the mainframe and the shell.



8. Fix the check valve on the range hood as shown in the figure, then lift the range hood and hang the back hook hole up at the hitching leg on the wall at an angle, and use a level ruler to ensure that the machine is installed horizontally.

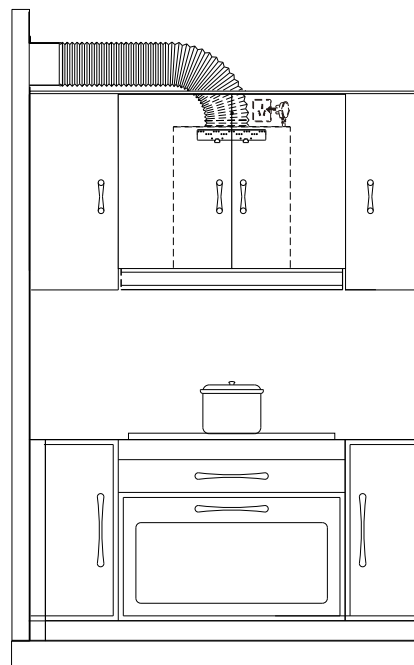


9. After the machine is installed in place, install the hitching leg stop block and the gasket on the M6 metal expansion pipe, and tighten the nut (to prevent the machine from decoupling accidentally under external force).

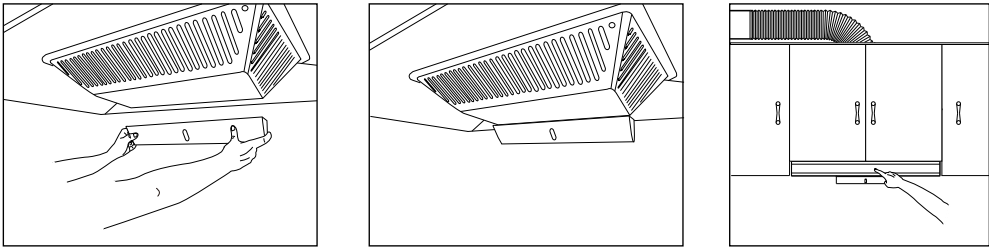


10. Attach the duct (optional) to the check valve and seal with aluminum tape, and then plug it in.

Note: Please straighten the flexible aluminum duct when mounting, to avoid noise generated when the flexible aluminum duct is semi-stretched, and cut off the excess parts with wire pliers. The connection between the air outlet pipe and the wall hole or the public flue must be tightly sealed to ensure that the air outlet pipe is firmly connected with the check valve or the public flue, and ensure that the blade at the connection of the check valve or the public flue is opened and closed flexibly.

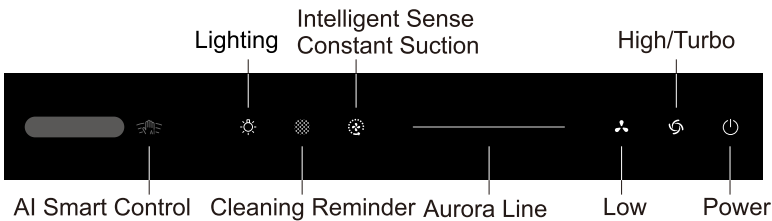


11. After installation, the whole machine must be kept horizontal. In the end, insert the oil cup into the hitching leg on the bottom of the mesh enclosure and power it for trial operation.



User Manual

Switch control panel



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

Power	Press the power key to enter the power-on state, power, lighting, Intelligent sense constant suction, high/turbo icons light up, the fan starts the Intelligent sense constant suction high gear work. ①In the fan not running state, press the power key to enter the shutdown state; ②In the fan running state, press the power key, the hood into the delayed shutdown state, 1 minute after the automatic shutdown of all functions; in the delay process, press the lighting key, the wind volume gear key can be canceled delayed shutdown, if you press the power key, then shut down all the functions. ③Only the power key on state, after 3 minutes without any operation, it will enter the shutdown state.
High/Turbo	Only when the power key is on: ①Press the high/turbo key, the high/turbo icon will light up and enter the high gear state; ②Then press the high/turbo key, high/turbo key flashes, the fan starts turbo gear, nearly 3 minutes after the automatic switch to the high gear, at this time the icon is long bright, into the high gear operation state; ③Press this key repeatedly to change between "high - turbo".
Low	With the power key on: ① Press the low key, the low icon lights up, and the fan starts working in low gear; ② Press the low key again, the fan stops working and the low icon goes out.
Aurora Line	When the fan is running, the aurora line dynamically displays the speed of the airflow, the longer the length the greater the airflow.
Intelligent Sense Constant Suction	Press the Intelligent sense constant suction key to switch between normal airflow mode and Intelligent sense constant suction mode. When Intelligent sense constant suction mode is on, the Intelligent sense constant suction icon will light up, and the hood will automatically adjust the airflow size according to the resistance of the flue; when normal airflow mode is on, the Intelligent sense constant suction icon will go out. When the hood is turned on for the first time, the Intelligent sense constant suction mode will be turned on by default, and users can switch between the modes subsequently, and the modes can be memorized after power failure.

 Cleaning Reminder	The cleaning reminder icon flashes to remind the user to clean the filter when the hood has run for a total of 60 hours, at which point: ① Long press the cleaning reminder key, the cleaning reminder icon will light up, and enter the cleaning mode (the fan stops, the lighting and the wind guide plate open, except the cleaning reminder key and the lighting key, the rest of the keys are invalid). Users have to clean the filter by themselves, after cleaning, long press this key to exit the cleaning mode, the accumulated time is cleared to zero. ② If the user does not clean in the cleaning reminder state, the icon will keep flashing in the power on state to remind the user to clean. If the hood has not reached 60 hours of cumulative operation, you can also enter cleaning mode by long-pressing the cleaning reminder button while the hood is on.
 Lighting	Pressing the lighting key turns the light on, then pressing the lighting key again turns the light off. When the power button is turned off, pressing the key will turn on the light and the air guide at the same time.
 AI Smart Control	① Hover switch function: hover under the off state, enter the on state, and at the same time turn on the high gear, lighting function; hover under the state of wind volume, enter the delayed shutdown state; hover under the state of no wind volume, enter the shutdown state. ② Wave hand control air volume function: under the boot state, wave your hand to the right, the air volume plus a gear, the maximum is turbo; wave your hand to the left, the air volume decreases by one gear, until the fan is turned off. No air flow state, wave your hand to the right to start a low gear, wave your hand to the left is invalid. Under the delayed shutdown state, wave your hand left or right to cancel the delayed shutdown. Note: Long press the high/turbo key + low key at the same time in the off state, can turn off or turn on the AI smart control function. Simultaneously long press the high/turbo key+ lighting key, you can turn off or turn on the power-on synchronized lighting function.
Linkage Function	When the power key in the on state, long press the lighting key+cleaning reminder key at the same time, chirping beep into the range hood and cooktop linkage pairing state, pairing process icon flashing, connecting successfully, the icon maintains a few seconds long bright and turn off. At this time. ① Cooker ignite, if the range hood is not turned on the airflow, then start the high gear; ② Cooker off (all stove are off), then the range hood off (if the cooker is off when the range hood has been turned on the air volume, then enter the delayed shutdown function). During the pairing process or after a successful connection, long press the lighting key+cleaning reminder key at the same time, the pairing is canceled or the connection is disconnected.

Maintenance

Warning

1. There is a fire risk if cleaning is not carried out in accordance with the instructions.
2. Cleaning and maintenance shall be conducted under outage. Electrical components such as motor, switch, and connector shall not be spoiled by water so as to prevent from accidents.
3. It's prohibited to wash with water so as to prevent accidents.
4. 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.
5. 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.

Considerations

●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.

●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, and should avoid the cleaning agent from contacting each control button.

●Do not allow stains to stay on the surface of the hood for too long.

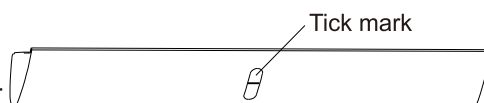
●Please do not use cleaning balls, brushes and other rough objects to clean the hood to prevent the body surface from scratching.

●When cleaning or maintaining the hood, please wear protective gloves to prevent wounding during wiping.

●Please regularly check and clean the oil cup. Please check regularly and clean the oil cup, hold the oil cup with both hands when the oil in the oil cup is about to reach the tick mark. Shift out and remove 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

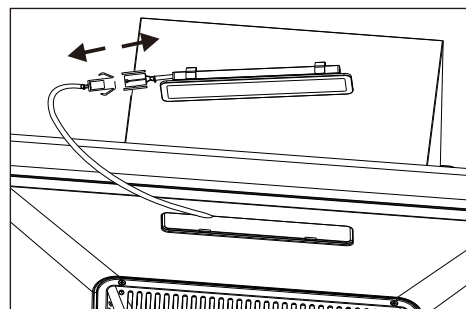
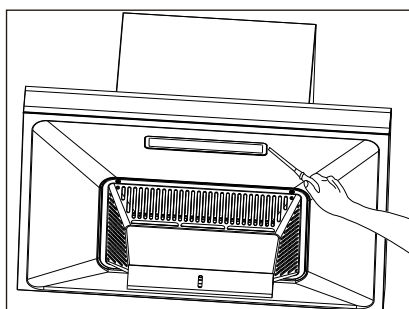
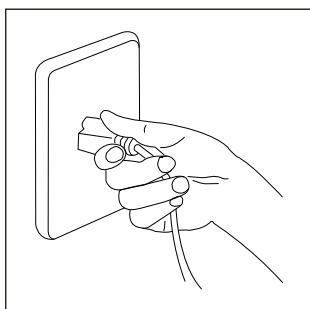
⚠ Warning

1. As a general rule, the hood body does not need to remove, and removal shall be done by professional maintainers. Nonprofessionals are forbidden to remove, install and repair the hood.
2. Before cleaning, installation or maintenance for the range hood, cut off the power supply to avoid electric shock.

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.

Lamp removal

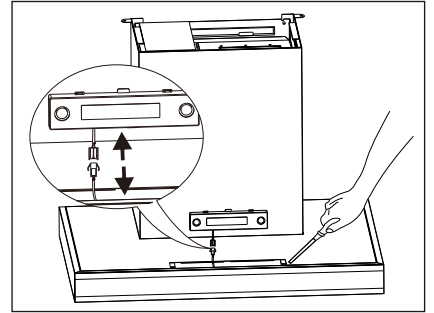
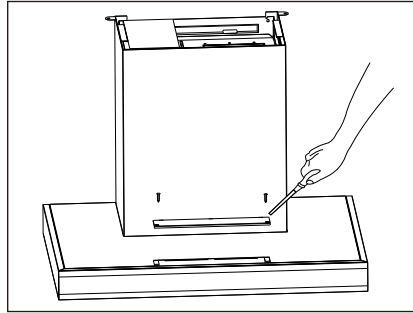
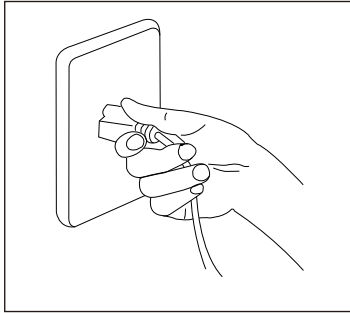
1. Unplug the power plug;
2. Embed a small flathead screwdriver or something sharp and small in the installation gap between lamp shade and vessel hood, and force outward to take out the spotlight from the vessel hood;
3. Pull out the lamp connector terminal and replace the spotlight;



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

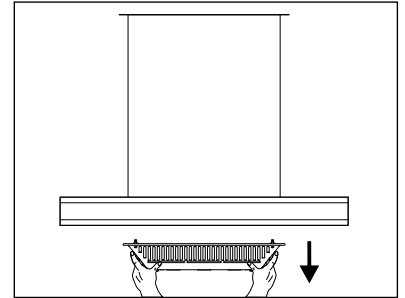
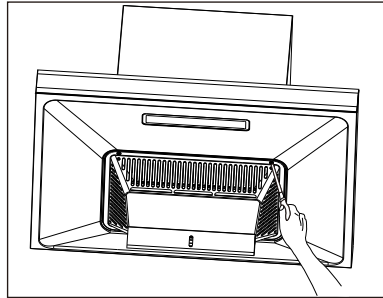
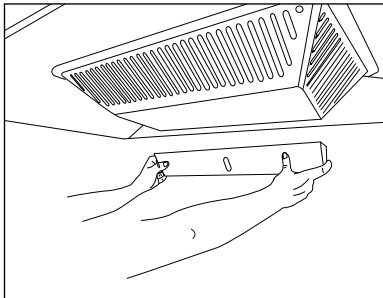
Switch removal

1. Unplug the power plug ;
2. Unscrew two screws from the cover plate and remove it ;
3. Unscrew the two screws on the switch cover plate, rotate and turn inside out the switch cover plate, pull out the switch assembly and unplug the lamp connector terminal to repair or replace the lamp.



Mesh Enclosure Removal

1. Take down the oil cup with both hands at first;
2. Aim the cross screwdriver at the screw hole and rotate counterclockwise about 90 degrees while slightly forcing up the screwdriver, to remove one screw from the catch slot on one side of the hood. Then support the bottom of the mesh enclosure with one hand, and unscrew the other side with the screwdriver with the other hand;
3. Hold the two ends of the mesh enclosure with both hands, and pull in the direction as indicated by the arrow to take it out.



Removal and installation of the whole body

Removal steps:

1. Pull out the plug;
2. Unscrew the four screws from the back of the main hood panel. Tilt the panel forward to a certain angle, and then pull it up forcibly;
3. Remove the drawing panel from the main hood panel;
4. Remove the sound absorption sponge first, and then use a cross screwdriver to unscrew the fastening screws on acoustic baffle to remove the baffle;
5. Unscrew the fastening screws on the retaining ring to remove the retaining ring;
6. Unscrew the cap clockwise and take out the impeller vertically;

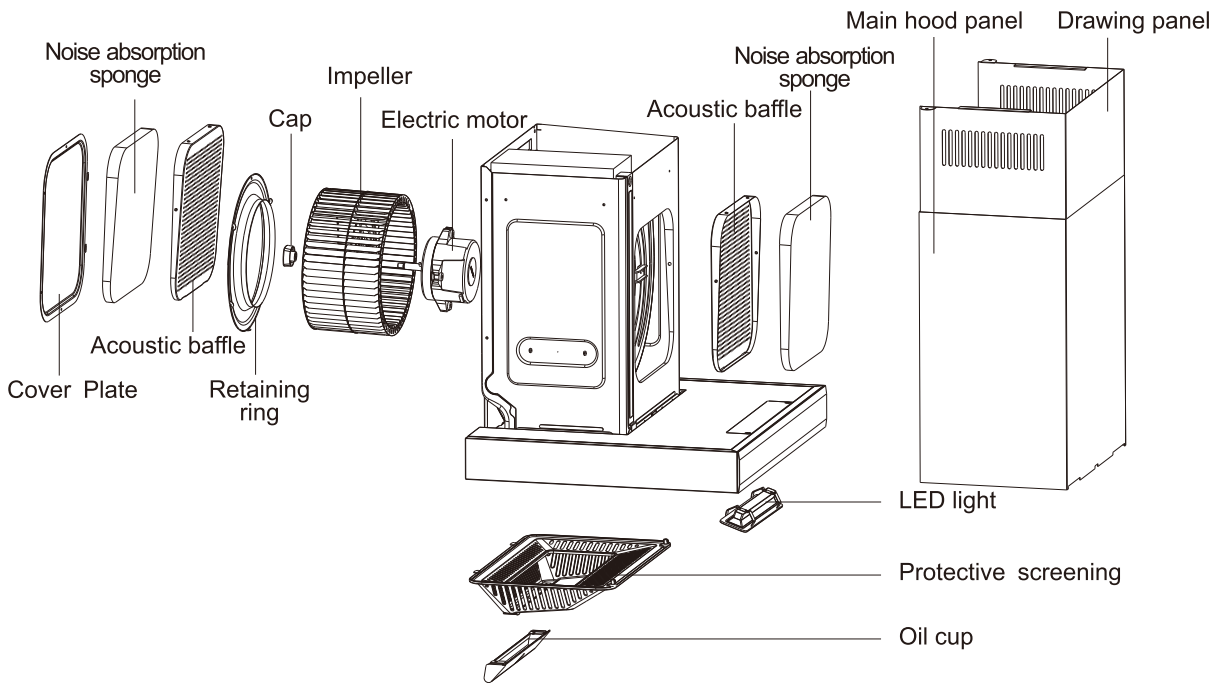
The installation steps are opposite to the removal steps.

(When you install the impeller, please rub some lubricating oil on the shaft hole of it.)

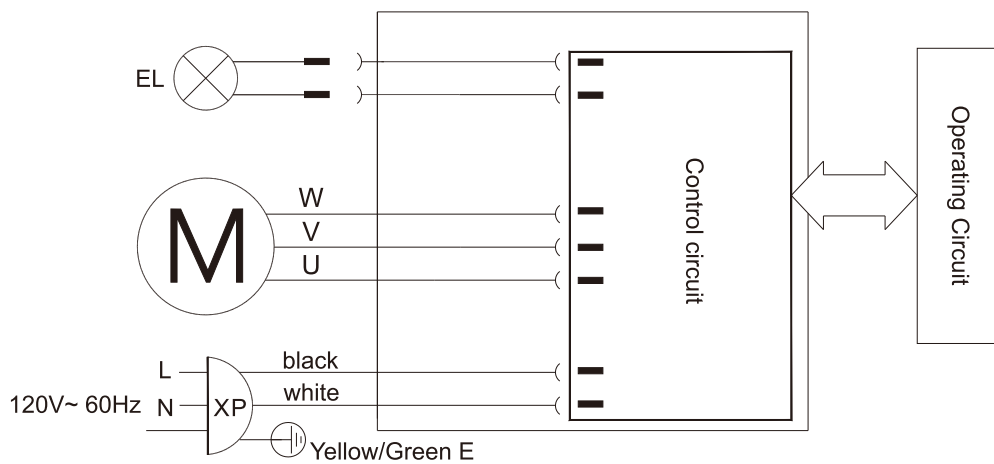
Note: Step 3 is unnecessary if no drawing panel is installed.



In general, the range hood body does not need to remove. The removal needs to be completed by professional maintenance staff.



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 body to the horizontal state
 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.		