

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-200-A810

CXW-200-A605

Range Hood

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Dear users:




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

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

Safety Precaution


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

Subject to harmful or destruct degree






 Danger	If ignore this sign and operate product improperly, it's highly possible to cause danger, serious injury or fire.
 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
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 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.









Danger

 Strict Execution	<p>Unplug before cleaning, installing or maintaining, avoiding from electric shock.</p>
 Strict Execution	<p>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.</p>
 Strict Execution	<p>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.</p>



Warning


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










 **Warning**

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

 **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.

 Notice

 Strict Execution	The temperature for range hood working can't exceed 40°C.
 Strict Execution	Because the installation is difficult and hood is heavy, the installation shall be executed by professional person based on manul.
 Strict Execution	Don't break electric wire or other invisible equipment when cutting something or drilling holes on ceiling.
 Strict Execution	When range hood is using in well sealed building, it should have air inlet or open door to ensure good ventilation.
 Strict Execution	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.
 Strict Execution	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.
 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	<p>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.</p>  <p>By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly and</p>

Important Information

New 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.

Dispose Old Range Hood

If the old range hood can't work, we suggest users to dispose them after confirming without any usage.

There are something useful material inside of old range hood, please assist us to dispose so as to protect environment.

Before use new range hood

This range hood exhaust fume outside.

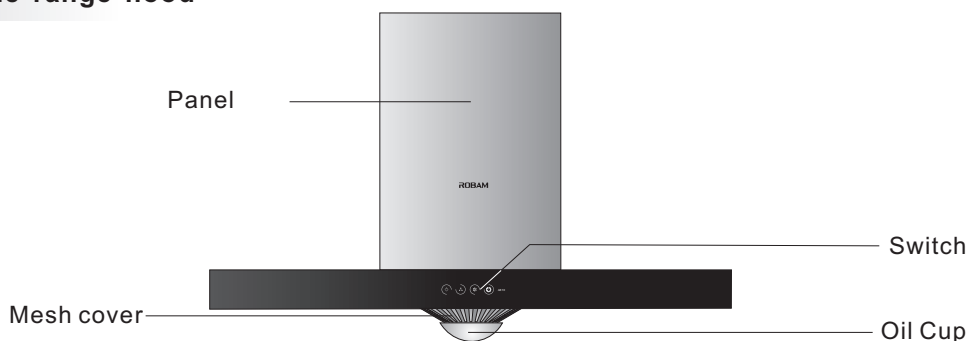
Please read this manual and all information carefully before installation and operation. Please comply with our suggestion. If it's necessary, please read manual for gas hob. And please keep these manual carefully for future reference.

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

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

Product Overview

Know the range hood



This mark means warning contents, Improper operation may cause accident.

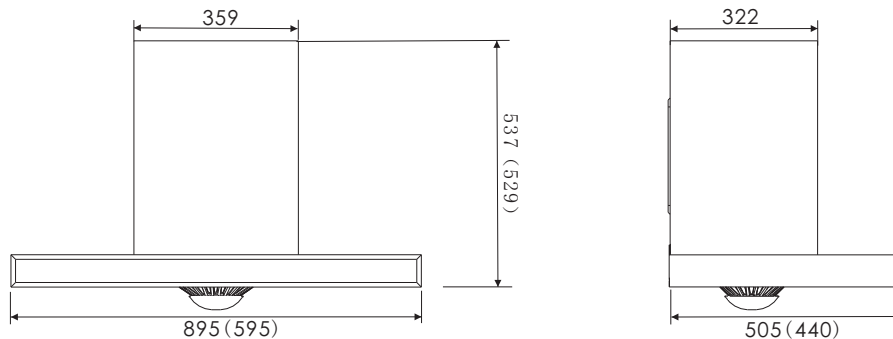
Product Parameter

Model	CXW-200-A810	Noise	≤58dB(A)
	CXW-200-A605	Rated Power Input	A810:204W A605:203W
Power Supply	220-240V~ 50Hz	Rated Main Motor Power Input	200W
Total Pressure Efficiency	≥23%	Lamp Power (max)	A810: ≤2W×2 A605: ≤1.5W×2
Nominal Wind Pressure	≥220Pa		Dimension (L×W×H)
Airflow	1020m ³ /h	Net Weight	
Max static pressure	≥310Pa	Grease Absorption Factor	≥92%
Normal Odour Reduction Factor	≥98%		

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.

Size & Dimension



Labeled dimensions are only for reference . Size in the brackets is specific to A605 hood. But the drawing panel height shall be 430 of A810. (Unit: mm)

Packing List

Please check lists if open the package.

Packing List	No.	Name	Quantity	No.	Name	Quantity
	1	Range Hood	1 piece	8	Check Valve	1 set
	2	Φ175 (Outer Diameter) Aluminum Foil Air Duct	1 set	9	ST4x18 Self-Tapping Screw	10 piece
	3	Φ175 (Outer diameter) Air Duct Interface		10	ST4×60 Wooden Screw	4 pieces
	4	Fixed Bar Of Air Duct		11	Hitching Foot Stopper	1 piece
	5	Adhesive Tape Of Air Duct		12	M6 Metal Expansion Pipe	1 pair
	6	Plastic Expansion Pipe	4 pieces	13	Hitching Foot	1 piece
	7	Operation Manual	1 piece	14	Oil Cup	1 piece

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 Before Installation

● Surrounding environment

Range hood shall be avoided to be installed at the place where there are many doors and windows since it will cause too large cross-ventilation so as to influence the oil fume exhaust effect.

● Tool preparation

The following tools shall be prepared when range hood installation: 1. Electric impact drill (with drill); 2. Wrench; 3. Screw driver; 4. Ruler

Installation Notice

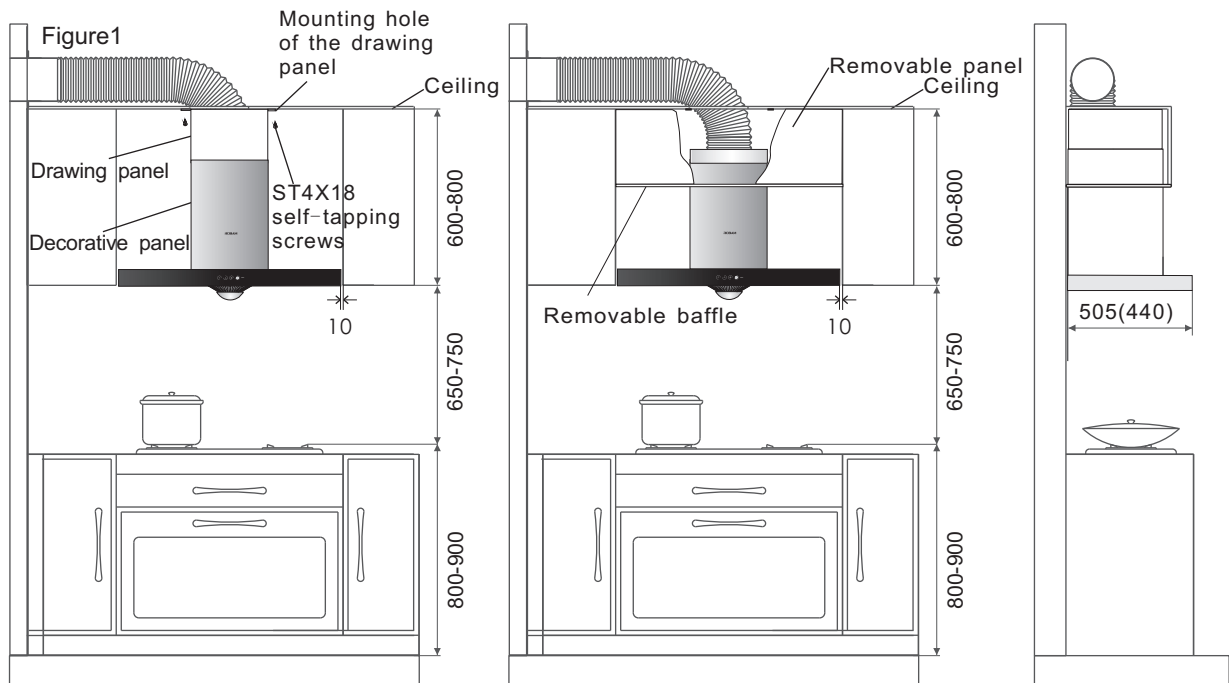
- Installation and circuit setting must be operated by professionals with experiences and non-professionals shall not assemble, disassemble and repair range hood.
- Don't connect power before installation, it may cause electric shock.
- If your kitchen is in decoration state, please do not expose the range hood outside since construction material, dust, paint, coating and the gases they volatile will corrode the surface of range hood and the surface will be tarnished. Therefore, it's suggested to assemble the range hood after decoration.
- Don't install range hood on the wooden or other flammable wall. The wall of installation range hood shall be on the nonflammable, enough stable, smooth and level surface.
- Range hood may have very sharp edge, please wear protective gloves while moving the range hood for installation, cleaning or maintenance.
- When drilling holes on the wall, the electric wire buried in the wall shall be avoided to prevent from fire.
- Range hood shall not be installed too high, nor shall it be disturbed by external air flow so that the fume suction effect will not be influenced.
- Please retain installation space for hood while fabricating cupboard so as for the care and maintenance .
- Please keep the hood body level while installing the machine.
- Please use single phase socket with earthing, which shall be well earthed. (Water pipe grounding is not reliable. The grounding of gas piping may cause the danger of fire and explosion.)
- Use appointed accessories for installation or range hood may fall down and cause danger.
- 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. Don't stretch, change ,tie, or press supply cord, or it may cause fire or electric shock.
- If finish installation, clean range hood firstly, then connect power and test run.

Installation

●Determine the position:

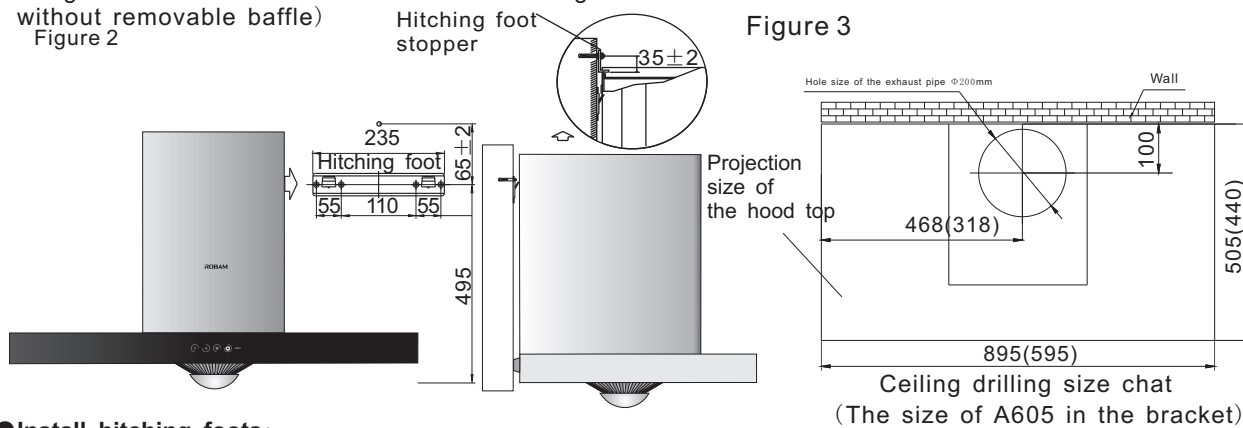
The size of removable baffle (reference:430mm) can be adjusted according to the actual situations. The installation pitch of holes is shown in Figure2. The hook body shall be centered vertically and kept level. Ceiling hole size is shown in Figure3.

▲ The hood shall be installed upright the hob. The minimum distance between the bearing surface of cooking appliance and the lowest part of hood is 650mm (larger space specified in the installation instruction of gas hob shall be considered, if any; the distance for electric cooker may be reduced appropriately, depending on the actual situations) . Note :A605 is the small size hood, we suggest to use it with single burner hob.



(Figure 1-1 Installation method of hood without removable baffle)
Figure 2

(Figure 1-2 Installation method of hood with removable baffle)
Figure 3



●Install hitching feet:

According to the size of the hitching feet, drill four 60-70mm deep holes on the wall accordingly with an 8mm diameter drill bit (overlarge holes are prohibited) . Press the expansion pipe into the holes, and then fix the hitching feet with 4 accompanying ST4X60 wood screws. At 65mm above the four holes, drill a hole of 10mm diameter and 50-55mm depth (overlarge holes are prohibited). Insert the M6 metal expansion pipe into the hole. (As shown in Figure 2)

●Adjust the drawing panel:

Pull the brackets of the panel up to an appropriate height and then pull the panel sides to find the drawing panel. Remove the protective film, and insert it along the gap between the decorative panel and the housing. Then adjust it to the proper height.

●**Install the hood body:** Fix the check valve as shown in Figure 5. Then direct the hanging holes in the back of hood at the hooks of hitching feet 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 accidental decoupling of the body under external force).

●Install the drawing panel:

As shown in Figure 1-1, there are some 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 ST4x18 screws.(If installation method in Figure1-2, there's no need to adjust and install the drawing panel).

Note: If there is no drawing panel, no need to adjust or install it.

Install ALUM-Nod:

●Hole position of ALUM-NOD

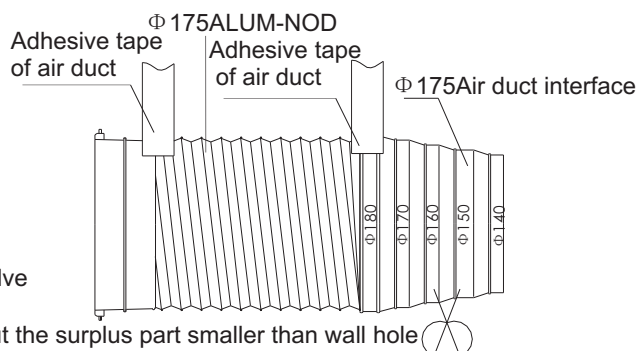
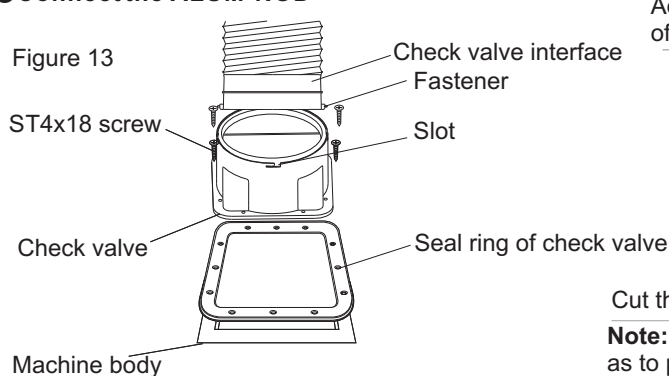
a. **Installation of air duct and coil base directly facing window:** Disassemble a glass and assemble plywood with exhaust holes, or drill holes on the glass directly.

b. **When coil base is not close to window:** Select the nearest coil base, install the air duct on the window accessible to outdoor to penetrate the window; or select the nearest coil base, drill hole on the wall accessible to outdoor and install air duct to penetrate the wall.

c. **Drill the wall opening:** Measure the position that air duct faces wall and mark the drilling scope on the wall surface (i.e. circle a little larger than outer diameter of air duct), then use long drill to drill the wall. Pay attention to the wall structure and material while drilling and do not damage the wall besides wall opening. First connect the ALUM-NOD without air duct fixed strip with air duct interface, sealed by adhesive tape of air duct and straighten the ALUM-NOD to outdoor directly. When the wall hole is larger than ALUM-NOD, the air duct can be pulled to outdoor directly; when the wall hole is smaller than air duct, it can be selected according to the hole size since the small end of air duct interface has four specifications: 140, 150, 160 and 170. The surplus part that is smaller than wall hole can be cut by scissor.

Then insert the other end of ALUM-NOD with air duct fixed strip between internal and external ring of check valve outlet and seal it by adhesive tape of air duct. Last, put the 4 fasteners into the slots and rotate clockwise, the ALUM-NOD is fixed on the check valve.

●Connect the ALUM-NOD



Note: Please straighten the ALUM-NOD while assembling so as to prevent ALUM-NOD from producing noise at semi-stretching state; the surplus part can be cut by wire cutter.

The diameter of exhaust wall hole shall be close to the air duct diameter, which shall not be too small, or it will cause unsmooth fume exhaust, rise of noise and reduction of airflow. Outlet pipe and wall hole or connection with public flue interface must be sealed strictly so as to make sure that the air duct and check valve or public flue interface are connected firmly and make sure that the blade of check valve or public flue interface is flexible in opening and closing.

Use Instruction

Switch Control Panel

Switch control panel of A810



Plug in and three tick from the buzzer will indicate qualified installation. The hood is in standby.

<p>High speed</p>	<p>Press the power button, the light of "power" button turn on, press "high speed" button, the motor works with high speed. If press the "low speed" button, it will work in the normal speed states.</p>
<p>Low speed</p>	<p>After connect with power, press "power" button the light of "power" turn on, press "low speed", the motor works with low speed, press "high speed" button again, it will switch into high speed level again.</p>
<p>Lighting</p>	<p>Lightly touch "Lighting" button by finger, its lamp turns on and press "Lighting" button again, its lamp goes out. (Lighting lamp turns off)</p>
<p>Power</p>	<p>When the power icon is lit up and only the lamp is "ON", press the power button gently and the lamp will be turned off directly; if the fan is working, press the power button, the power icon will flash and the fan will enter delay status, then shut down after 1min. (Under delay status, "lighting", "high speed" and "low speed" button all can't work; When "Power" button flash, press the button again, all functions will be disabled.</p>

Switch control panel of A605



<p>High speed</p>	<p>After power is on, press "high speed" button, the motor works with high speed. If press the "low speed" button, it will work in the low speed states.</p>
<p>Low speed</p>	<p>After power is on, press "low speed" button, the motor works with low speed. If press the "high speed" button, it will work in the high speed states.</p>
<p>Lighting</p>	<p>After power is on, press "lighting" button, lamp will turn on; Press it again, lamp will turn off;</p>
<p>Power</p>	<p>Under fan working status, press "power" button, fan will stop working; The "power" button can't control lamp;</p>

Maintenance and Services

⚠ 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. The machine body needs not to be disassembled in ordinary conditions. Disassembly shall be operated by professional serviceman.
4. It's prohibited to wash with water so as to prevent accidents.
5. 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.
6. 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.
7. Accessible parts may become hot when used with cooking appliances.

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: To clean the exhaust fume collecting hood and range hood body after each cooking.

To ensure smooth discharge of fumes, the oil mesh shall be cleaned regularly with warm water and detergent according to actual situations. Be careful to avoid damage.

● Don't use the powerful detergent, we recommend to wipe with wet cloth soaked in neutral detergent and dry it by soft cloth. And avoid detergent to touch switches.

● Don't keep dirt on the surface of range hood for long time;

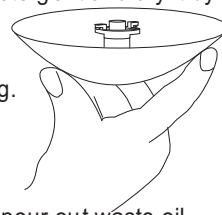
● Don't use cleaning ball, brush or other harsh tool to clean range hood. It may cause scoring.

● Wear gloves to clean or maintain range hood avoiding from hurt.

● Don't touch lamp if turn on or turn off in short time. It may cause scald.

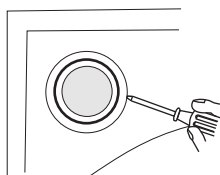
● If range hood don't use for long time, pull out the plug. Don't haul plug crudely.

● Check oil cup regularly. If oil exceeds 2/3 in the cup, move the cup by hand as right figure and pour-out waste oil.

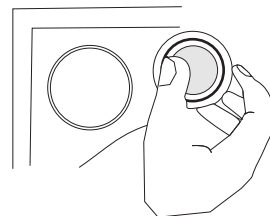


Parts Removal

Light Removal



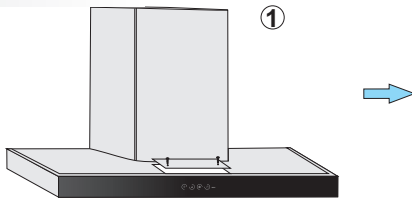
Insert a small flathead screwdriver or something sharp in the gap between the light cover and hood.



Raise it outward forcibly to remove the spotlight from the hood. Pull out the connector to replace the spotlight.

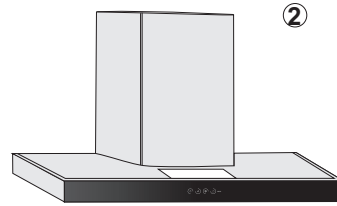
Lamp image	Lamp information	
	Lamp Type	Round LED
	Max Power(A810)	2W
	Max Power(A605)	1.5W
	Voltage	12VDC
	Dimension	see the lamp image

Switch Removal



Remove two screws on the cover, then disassemble the cover.

Note: The light and switch shall be installed or disassembly in a reverse order.



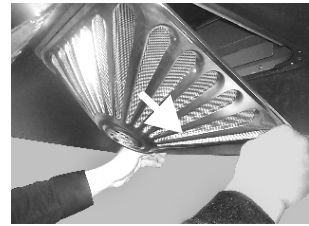
Remove two screws on the cover, revolve the cover and pull out switch accessories, then replace or maintain it.

Mesh Cover Removal



Align the Phillips screwdriver with the screw hole and raise it upward forcibly meanwhile rotating it counter-clockwise about 120° , so as to remove the screw out of the cross slot of the exhaust fume collecting hood.

Note: When installing the mesh cover, put the side with screw holes inward.



Hold the two screws on the mesh cover and pull it down to detach the two prongs inside from the exhaust fume collecting hood. Then pull the oil mesh out in the arrow direction to remove it.

Hood Body Disassembly Steps

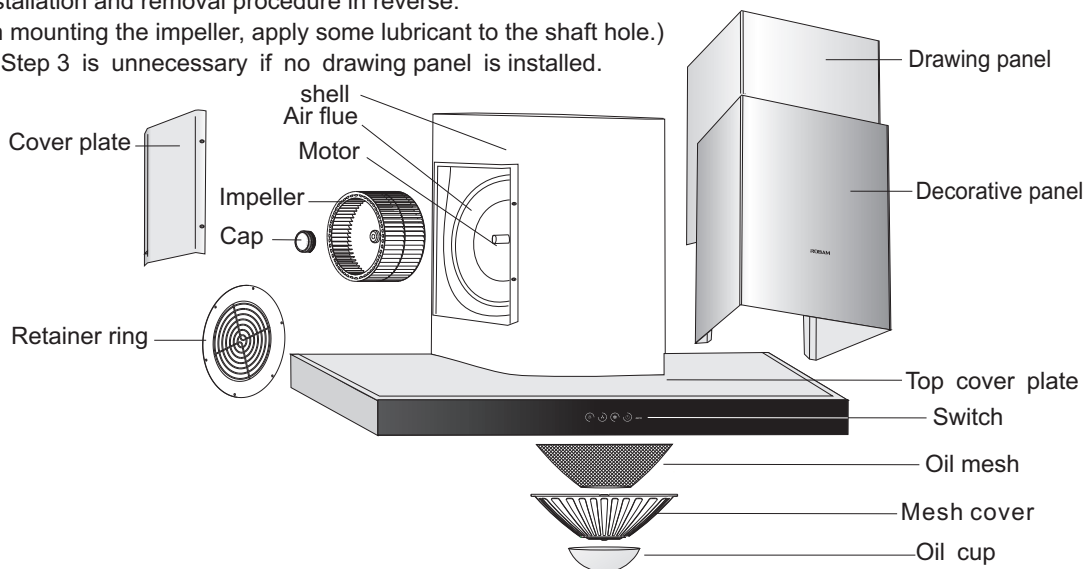
Removal steps:

1. Pull out the plug;
2. Unscrew the four screws from the back of the decorative panel. Tilt the panel forward to a certain angle, and then pull it up forcibly;
3. Remove the drawing panel from the decorative panel;
4. Use a Phillips screwdriver to unscrew the fastening screws on the cover to remove the cover;
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;
7. Use a Phillips screwdriver to remove fixed screws, then remove the oil cup and filter mesh

The installation and removal procedure in reverse.

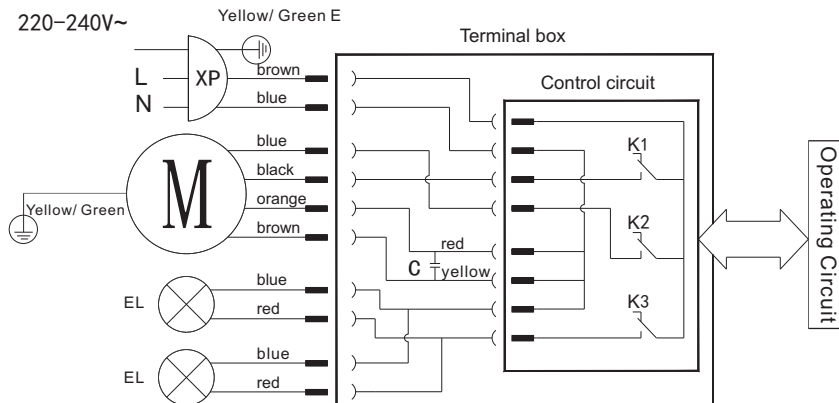
(When mounting the impeller, apply some lubricant to the shaft hole.)

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

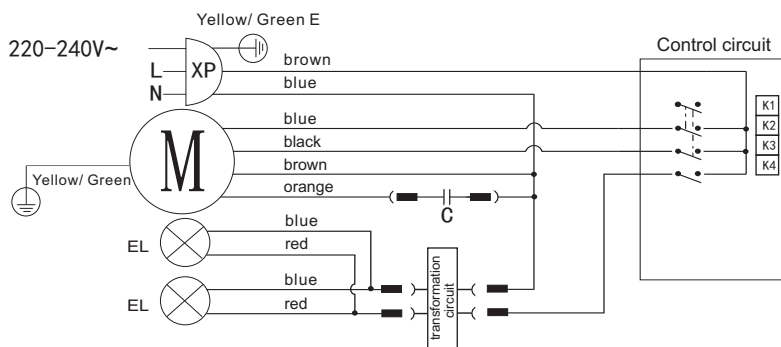


Circuit Diagram

Circuit Diagram of A810



Circuit Diagram of A605



General Troubleshooting

No.	Problem	Reasons	Warning
1	No reaction in pressing any switch (such as impeller does not run and lamp does not light)	Plugs improperly plugged or power off	1. When connecting accessory or replacing bulb, please pull out power plug; 2. If power wires of range hood damaged, replace them by professionals; 3. Don't allow to exhaust flame through range hood.
2	Lamp fails in pressing lighting switch	Lamp damaged or improperly connected	
3	Induction current on hood surface	Plug improperly earthed	
4	Abnormal impeller sound	Loose impeller, cap not properly fastened	
5	No oil in oil cup after some time	Inclined installation of hood body	

Edition: A/1

Publication Date: May, 15, 2019

ROBAM