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ROBAM

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User Manual
Manuel d'utilisation
使用说明书

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.

S'il vous plaît de bien lire ce manuel d'utilisation et le bien garder avant l'utilisation. Au cas de perte de ce manuel d'utilisation, vous pouvez envoyer un mail au overseas@robam.com, pour l'avoir la version électronique.

使用产品前请仔细阅读本使用说明书，并妥善保管。如果说明书丢失，您可以发送邮件至 overseas@robam.com, 获取电子版说明书。

CXW-260-U3H1S
CXW-260-U21HS

Range Hood
Hotte aspirante
吸油烟机

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READ AND SAVE THESE INSTRUCTIONS

Dear users:

Thank you for purchasing our range hood. Please accept our best regards. Please read this user manual carefully before installating 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.

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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.

ROBAM | Range Hood

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19.When exhausting outward 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.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.

23.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.

READ AND SAVE THESE INSTRUCTIONS

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.
24.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.
25.CAUTION:TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCTWORK.
26.CAUTION:TO PROVIDE PROTECTION AGAINST ELECTRIC SHOCK, CONNECT TO PROPERLY GROUNDED OUTLETS ONLY.
27.CAUTION: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.
28.CAUTION:Improper grounding can result in a risk of electric shock.
29.Consult a qualified electrician if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.
30.Do not use an extension cord. If the power supply cord is too short, have a qualified electrician install an outlet near the appliance.

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31.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.
32.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.
33.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.
34.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.
35.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.
36.The temperature for range hood working can’t exceed 40℃.
37.Because the installation is difficult and hood is heavy, the installation shall be executed by professional person based on manul.

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38.Don't break electric wire or other invisible equipment when cutting something or drilling holes on ceiling.
39.When range hood is using in well sealed building, it should have air inlet or open door to ensure good ventilation.
40.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.
41.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.
42.CAUTION:For general ventilation only. Do not use to vent hazardous or explosive materials and vapors.
43.Accessible parts may become hot when used with cooking appliances.
44.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.



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

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.

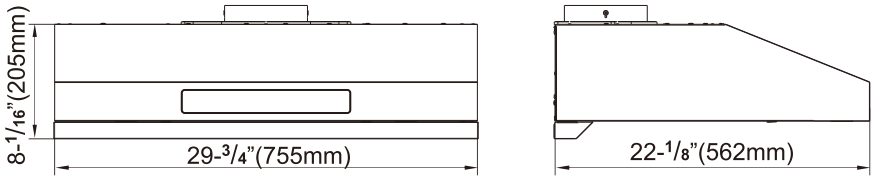
Product Description

Technical Data

Model	CXW-260-U3H1S CXW-260-U21HS	Rated Power Input	270W
		Lamp Power(max)	5W×2
Rated Voltage	120V~	Net Weight	U3H1S:44.5lbs(20.2kg) U21HS:41.7lbs(18.9kg)
Rated Frequency	60Hz		
Rated Current	U3H1S:5A U21HS:3A	Dimension (L×W×H)	(29-3/4×22-1/8×8-1/16)" (755×562×205)mm

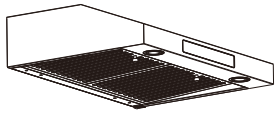
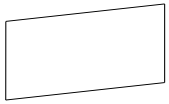
Body Size

The marked sizes are for reference only.



Packing List

Please check the items in the container upon unpacking

Standard Offerings			
 Range hood	1	 Installation Sizing Paper Template	1
 Check valve	1	 User Manual	1
 Gasket	1	 Accessory packs	1
 Oil cup	1		

Installation

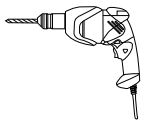
Preparation for installation

●Surrounding

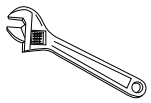
Keep the hood away from too many doors and windows, so as to avoid air convection affecting the efficiency.

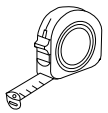
●Tools preparation

The hood will be installed with the following tools

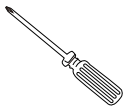

Electric percussion drill

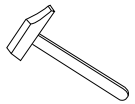

Electric screwdriver


Wrench


Measuring tape

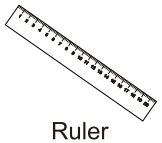

Gloves

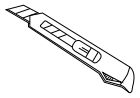

Cross screwdriver

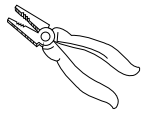

Hammer

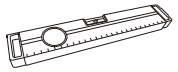

Scissors

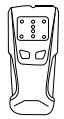

Pencil


Ruler

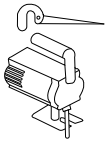

Art knife

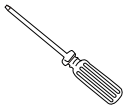

Cutting pliers


Level meter


Beam detector


Goggles


Electric saw


Flat screwdriver

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

The range hood shall be installed directly above the cooktop. To ensure safe operation and optimal fume extraction performance, the recommended mounting height is specified as follows: the minimum distance between the top of the range hood and the support surface of cooking utensils on the cooktop is 29-$^{9}/_{16}$" (750mm), and the maximum distance shall not exceed 32-$^{1}/_{2}$"(825mm).If local laws and regulations in your state or region specify requirements for range hood installation height, such provisions shall prevail; however, this may significantly compromise the fume extraction efficiency of the product.

Notes:

1.Wear protective gloves and safety goggles during installation and operation.

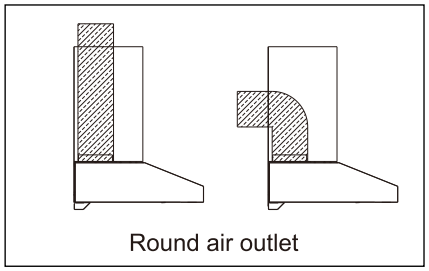
2.The depth from the upper cabinet of the range hood to the wall shall be less than 15" (380 mm).

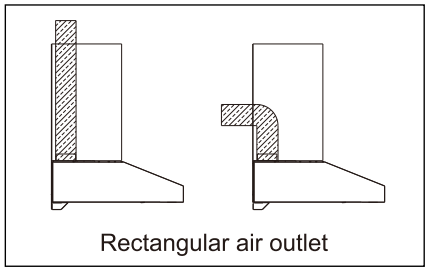
3.Due to the size and weight of this range hood, installation is recommended to be completed by two or more personnel.

4.It is recommended to hire a certified professional technician for installation to reduce the risk of product damage and personal injury.

This range hood accessory is equipped with a Ø6" (Ø153mm) round air outlet. Confirm the position and shape of the kitchen air outlet before installing the range hood.

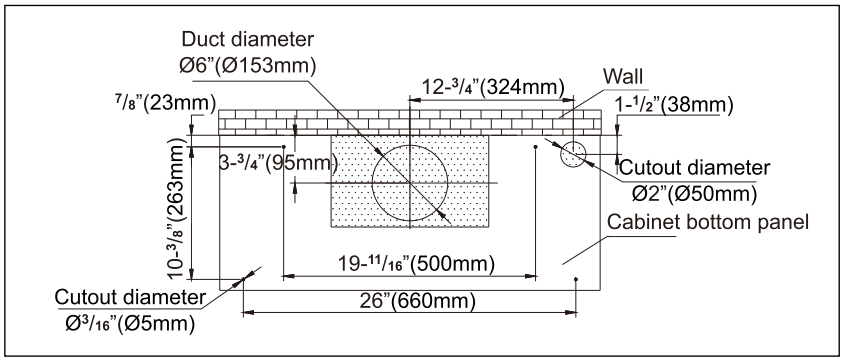
●Installation methods for kitchen air outlet on the top of range hood



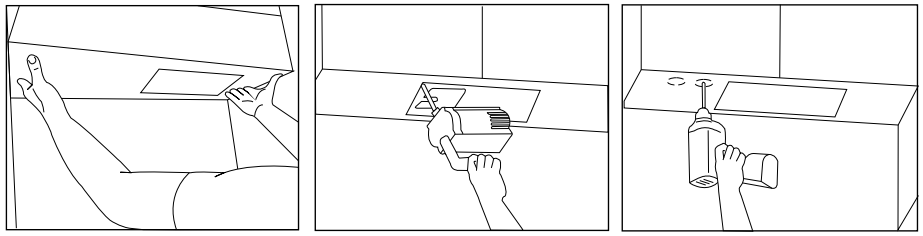


1，Unpack the appliance and check all contents against the packing list.

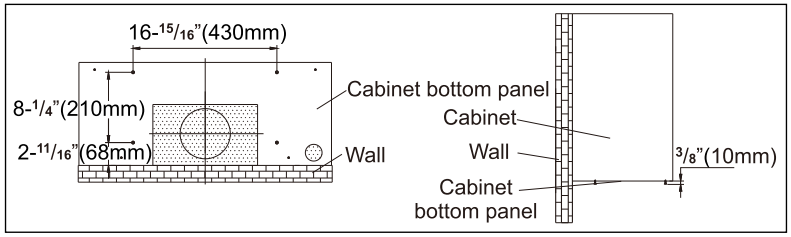
2.Drill the mounting holes on the top of the upper cabinet in accordance with the hole position and dimensions shown in the figure below.



3.Place the hole template face down on the upper cabinet bottom panel. Use an electric saw and a drill bit with a diameter of Ø3/16" (Ø5 mm) to cut holes in accordance with the requirements marked on the hole template.Note: Wear safety goggles and gloves at all times when cutting holes.



4.Pre-install 4 pcs of #8×3/4" (ST4.2×18mm) self-tapping screws on the cabinet bottom panel according to the position of the hole template. Ensure the mounting depth keeps the screw head 3/8" (10mm) away from the cabinet bottom panel.



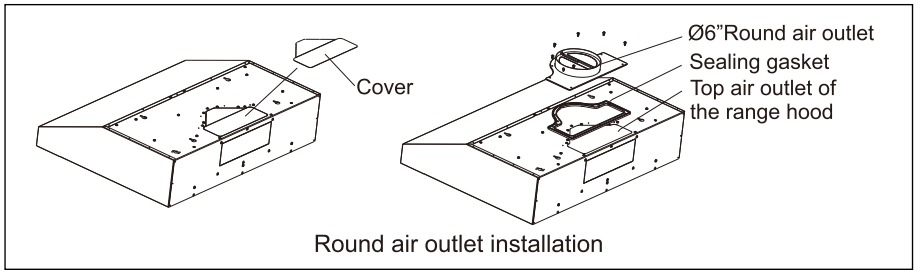
5.Air outlet installation

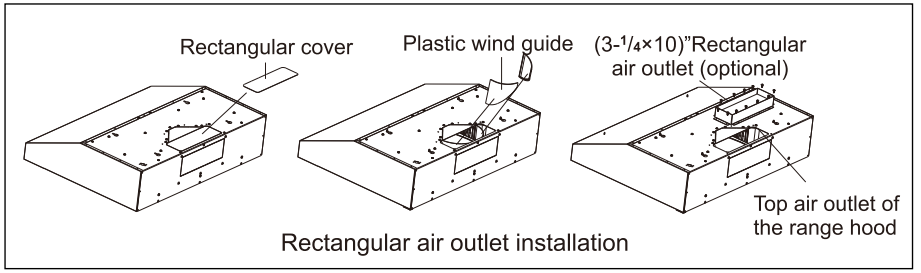
(1) Round air outlet installation

Remove the entire air outlet cover on the top of the range hood with pliers or a screwdriver. Secure the supplied Ø6" (Ø153 mm) round air outlet and sealing gasket to the top of the range hood using 6 pcs of #8×1/2" (ST4.2×12mm) screws.

(2) Rectangular air outlet installation

First, remove the rectangular air outlet cover on the rear of the range hood with pliers or a screwdriver. Next, remove the two plastic wind guide pieces at the air outlet of the range hood with scissors or pliers. Then, mount the optional (3-1/4×10)" rectangular air outlet on the top of the range hood with 12 pcs of #8×1/2" (ST4.2×12mm) screws.

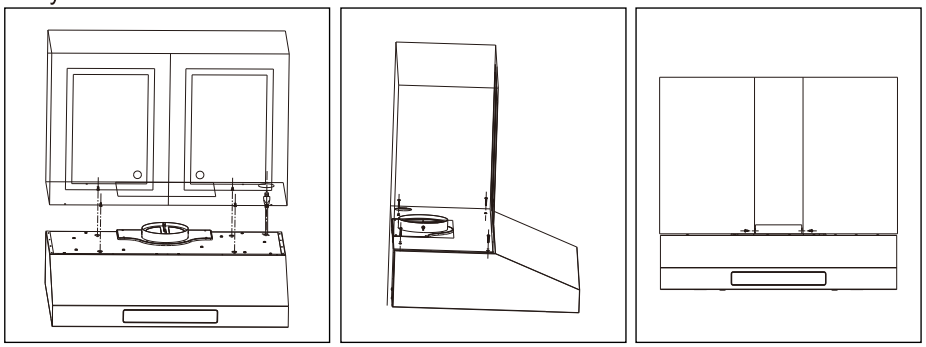




6.Lift the range hood, align the keyhole mounting slots on the top of the range hood with the pre-installed screw heads on the cabinet bottom panel. Route the power cord through the cutout in the cabinet bottom panel, then push the range hood toward the wall to hang it temporarily on the cabinet bottom panel.

7.Secure the range hood to the cabinet bottom panel with 4 pcs of #8×1-3/8" (M4×35mm) screws and washers, ensuring the top surface of the range hood fits tightly against the cabinet bottom panel.

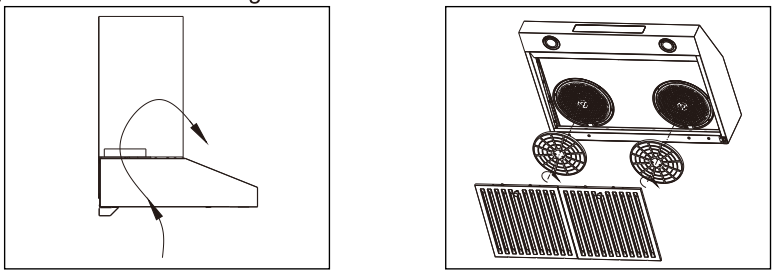
8.Secure one end of the duct (optional) to the air outlet with 2 pcs of #8×1/2" (ST4.2×12mm) self-tapping screws, then seal the connection with tape to ensure airtightness. Attach the other end of the duct to the kitchen air outlet with tape.Note: Straighten the aluminum foil duct during installation to prevent noise caused by partial stretching; excess length can be trimmed with pliers. The connections between the duct and the wall opening or public flue must be thoroughly sealed to ensure a firm connection. Ensure the louvers at the air outlet or public flue interface open and close freely.



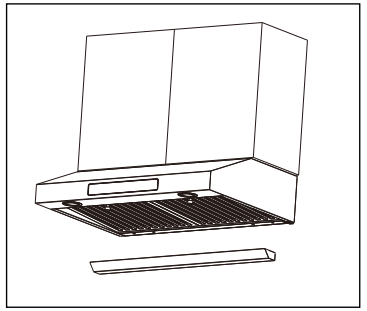
●Installation sans sortie d'air extérieure dans la cuisine

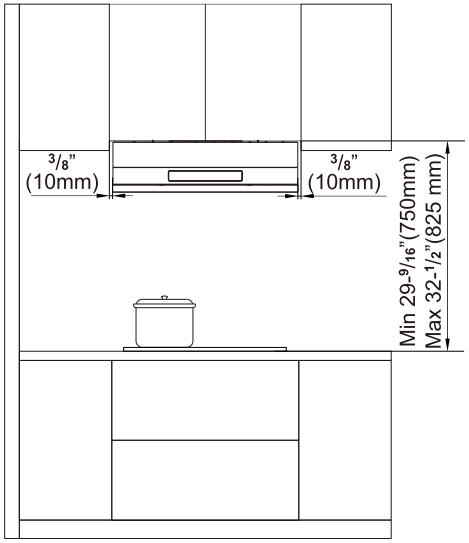
When the kitchen has no external air outlet, an optional internal circulation activated carbon filter can be installed.

Installation with optional internal circulation activated carbon filter for range hood: Remove the stainless steel grease filter from the bottom of the range hood. Snap the optional circular recirculating carbon filter onto the lower end of the internal air inlet of the range hood and turn it clockwise to lock it in place. Then, reinstall the stainless steel grease filter onto the range hood.

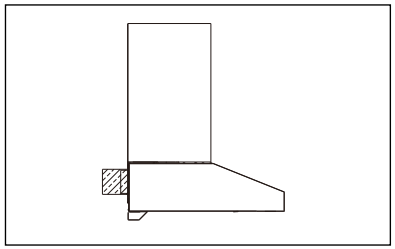


9.After installation, the range hood must be kept level. Finally, install the oil cup, connect the power supply and test the unit.



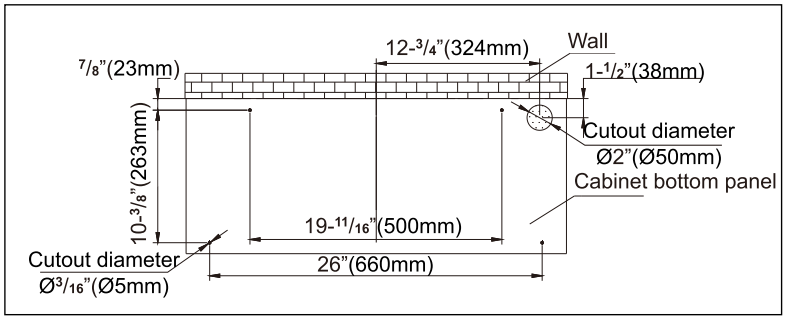


●Installation methods for kitchen air outlet at the rear of range hood

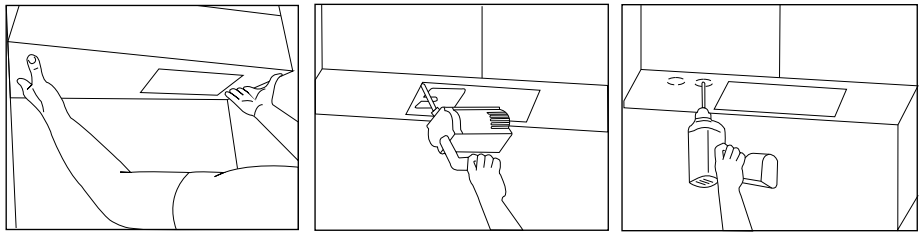


1，Unpack the appliance and check all contents against the packing list.

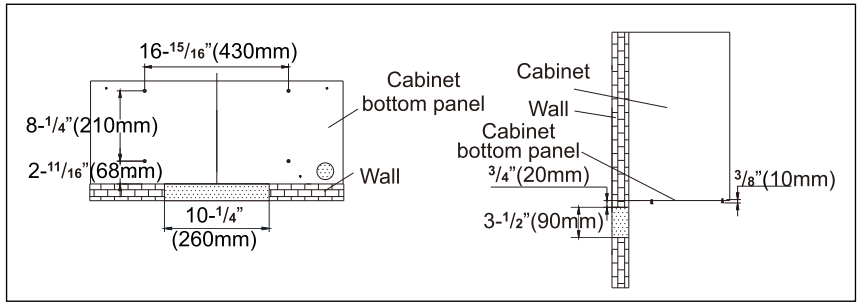
2.Drill the mounting holes on the top of the upper cabinet in accordance with the hole position and dimensions shown in the figure below.



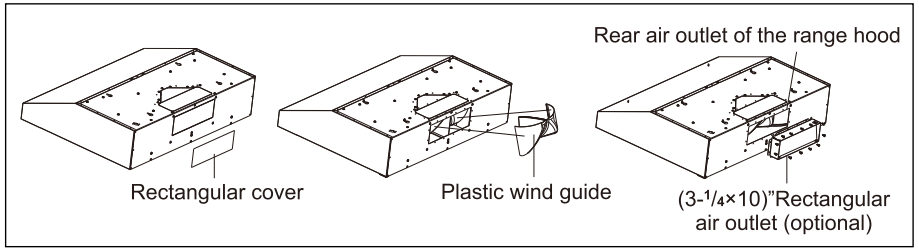
3.Place the hole template face down on the upper cabinet bottom panel. Use an electric saw and a drill bit with a diameter of Ø3/16" (Ø5mm) to drill holes as required by the hole template.Note: Wear safety goggles and gloves during drilling.



4. Pre-install 4 pieces of #8×3/4" (ST4.2×18mm) self-tapping screws on the cabinet bottom panel according to the position of the hole template. Ensure the installation depth keeps the screw head 3/8" (10mm) away from the cabinet bottom panel.

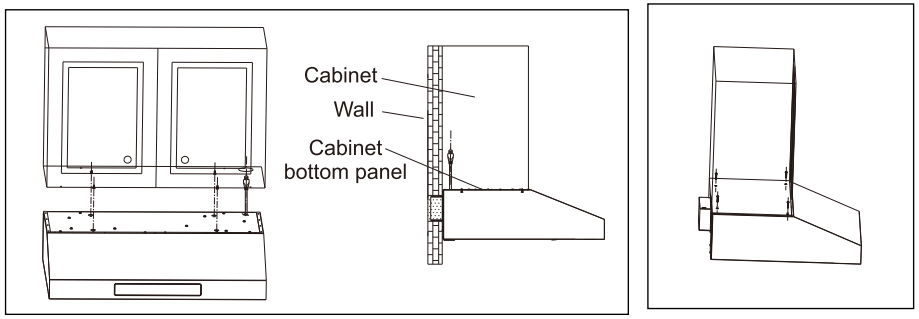


5.First, remove the rectangular air outlet cover on the rear of the range hood with pliers or a screwdriver. Next, remove the two plastic wind guide pieces at the air outlet of the range hood with scissors or pliers. Then, mount the optional (3-1/4×10)" rectangular air outlet on the top of the range hood with 12 pieces of #8×1/2" (ST4.2×12mm)screws.

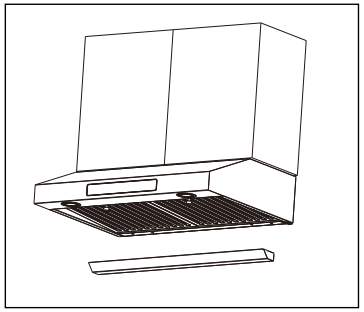


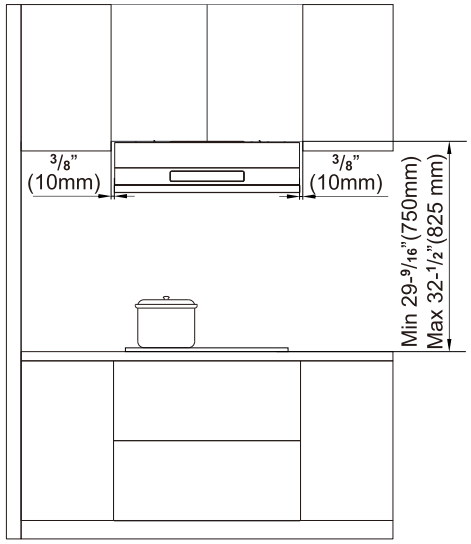
6.Lift the range hood, align the key mounting holes on the top of the range hood with the pre-installed screw heads on the cabinet bottom panel. Pass the power cord through the cutout on the cabinet bottom panel, then push the range hood toward the wall. Align the rear air outlet of the range hood with the ventilation opening on the kitchen wall, and hang the range hood temporarily on the cabinet bottom panel.

7.Fasten the range hood to the cabinet bottom panel through with 4 pcs of #8×1-3/8" (M4×35mm) screws and gaskets, so that the top of the range hood fits closely against the cabinet bottom panel.



8.After installation, the range hood must be kept level. Finally, install the oil cup, connect the power supply and test the unit.





User Manual

U3H1S Switch control panel

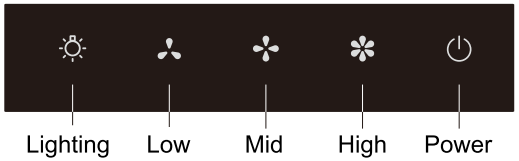


Turn on the power, the buzzer sounds to indicate the power-on state.

Power	Press the power key to enter the power-on state. The icons of power, lighting, high/turbo light up, and the fan starts working at high airflow. ① When the fan is not running, press the power key to enter the shutdown state. ② When the fan is running, press the power key, and the range hood will enter the delayed shutdown state. All functions will be turned off automatically after 1 minute. During the delay, pressing the lighting key, airflow gear key and other keys can cancel the delayed shutdown; if pressing the power key, all functions will be turned off. ③ When only the power key is turned on, the unit will enter the shutdown state if no operation is performed within 3 minutes.
High/Turbo	In the state where only the power key is activated: ① Press the high/turbo key, the high/turbo icon stays steadily lit, and the unit enters high operation mode. ② Press the high/turbo key again, the high/turbo icon flashes, the fan starts at turbo speed. It will automatically switch to high speed after nearly 3 minutes, the icon stays steadily lit at this time, and the unit enters high operation mode. ③ Press this key repeatedly, and the fan cycles between high and turbo mode.
Low	When the power key is on: ① Press the low key, the low icon lights up, and the fan starts to operate at low airflow; ② Press the low key again, the low icon goes out, and the fan stops running.
Auto	Press the auto key to switch between normal airflow mode and auto mode. When auto mode is enabled, the auto icon lights up, and the range hood automatically adjusts airflow according to flue resistance. When normal airflow mode is enabled, the auto icon turns off.The auto mode is activated by default upon first power-on. Users can switch between modes subsequently, and the selected mode will be saved with power-off memory.

Lighting	Press the lighting key to turn on or off the lighting lamp whether the range hood is powered on or standby.Note: Long press the high/turbo key and lighting key simultaneously to set whether the lighting is enabled by default at power-on.
Hand wave induction	① Hover power on/off function: Hover in standby mode to power on the range hood, with high airflow and lighting turned on at the same time. Hover while the fan is running to activate delayed shutdown. Hover with no airflow output or under delayed shutdown status to power off the unit. ② Wave airflow control function: When the unit is powered on, wave your hand to cycle airflow among high, turbo and low. Wave with no airflow output to start high mode. Wave during delayed shutdown to cancel the delay.Note: Long press the high/turbo key and low key at the same time to enable or disable the hand wave induction function.
Cleaning Lock	Long press the low key and lighting key simultaneously to enter the cleaning lock state. The low and lighting key icons stay steadily lit, the lighting turns on automatically, and the fan stops. At this time, all keys are invalid except for the following: ① Press the lighting key to turn off the lighting, and the low and lighting icons flash slowly. Press the lighting key again to turn on the lighting, and the low and lighting icons stay steadily lit, repeating in cycles; ② Long press the low key and lighting key at the same time to exit the cleaning lock state, enter the shutdown state, and turn off the lighting.

U21HS 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. The icons of power, lighting, mid light up, and the fan starts working at mid airflow. ① When the fan is not running, press the power key to enter the shutdown state. ② When the fan is running, press the power key, and the range hood will enter the delayed shutdown state. All functions will be turned off automatically after 1 minute. During the delay, pressing the lighting key, airflow gear key and other keys can cancel the delayed shutdown; if pressing the power key, all functions will be turned off. ③ When only the power key is turned on, the unit will enter the shutdown state if no operation is performed within 3 minutes.
High	When the power key is on: ① Press the high key, the high icon lights up, and the fan starts to operate at high airflow; ② Press the high key again, the high icon goes out, and the fan stops running.
Mid	When the power key is on: ① Press the mid key, the mid icon lights up, and the fan starts to operate at mid airflow; ② Press the mid key again, the mid icon goes out, and the fan stops running.
Low	When the power key is on: ① Press the low key, the low icon lights up, and the fan starts to operate at low airflow; ② Press the low key again, the low icon goes out, and the fan stops running.
Lighting	Press the lighting key to turn on or off the lighting lamp whether the range hood is powered on or standby.Note: Long press the high key and lighting key simultaneously to set whether the lighting is enabled by default at power-on.
Cleaning Lock	Long press the low key and lighting key simultaneously to enter the cleaning lock state. The low and lighting key icons stay steadily lit, the lighting turns on automatically, and the fan stops. At this time, all keys are invalid except for the following: ① Press the lighting key to turn off the lighting, and the low and lighting icons flash slowly. Press the lighting key again to turn on the lighting, and the low and lighting icons stay steadily lit, repeating in cycles; ② Long press the low key and lighting key at the same time to exit the cleaning lock state, enter the shutdown state, and turn off the lighting.

Maintenance

Notice

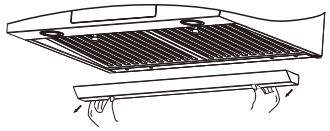
●The hood shall be cleaned and maintained regularly depending on the surroundings, so as to keep its cleanness & efficiency and extend its service life. We recommend that: Clean the outer surface of range hood after each cooking. To ensure smooth discharge of fumes, the protective screening shall be 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.

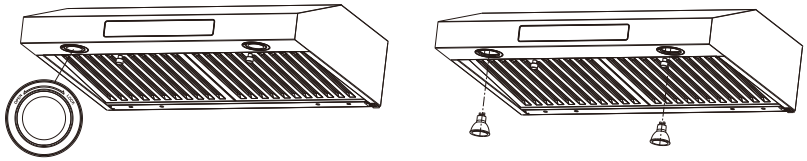
⚠ The disassembly must be carried out by professional personnel, and users are not allowed to carry out the disassembly. Before installation or disassembly, the power supply must be cut off to avoid electric shock.

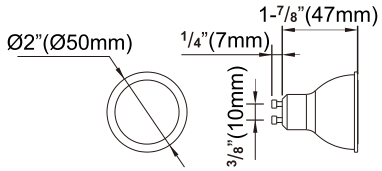
Removal of lamp

●Unplug the power cord and wait for 5 minutes to ensure no residual power remains in the range hood.

● Rotate the LED lamp counterclockwise to release it from the lamp holder buckle, then take out the LED lamp.

● Install the new LED lamp into the lamp holder and tighten it by rotating clockwise to complete replacement.

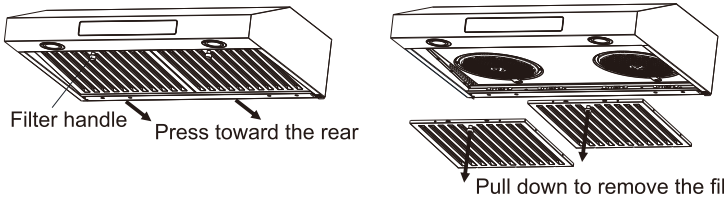


Lamp image	Lamp information	
	Lamp Type	Gu10 round LED bulb
	Max Power	5W
	Voltage	120V~ 60Hz
	Dimension	See the lamp image

U3H1S Removal of filter

●First, remove the oil cup. Grasp the handle on the filter and press it toward the rear of the range hood to release the filter buckle from the main unit.

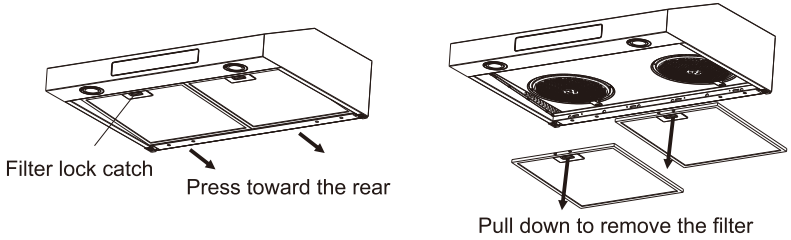
● Pull the filter downward and take it out to complete filter removal.



U21HS Removal of filter

●First, remove the oil cup. Press the latch on the filter backward by hand to release the filter buckle from the range hood.

●Then pull the filter downward and take it out to complete filter removal.



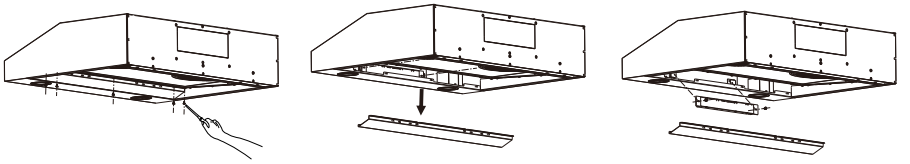
Removal of switch

●Unplug the power plug and wait for 5 minutes to ensure no residual power remains in the range hood.

● First, remove the oil cup and two filter screens.

● Use a Phillips screwdriver to loosen the 5 screws on the maintenance cover at the bottom of the range hood, then take off the maintenance cover.

● Use a Phillips screwdriver to remove the two screws on the switch assembly, take out the switch assembly and disconnect the connecting wire to complete maintenance and replacement.



Removal of unit

1.Remove the lamp according to the Lamp Removal procedures.

2.Remove the filters according to the Filter Removal procedures.

3.Remove the switch assembly according to the Switch Removal procedures.

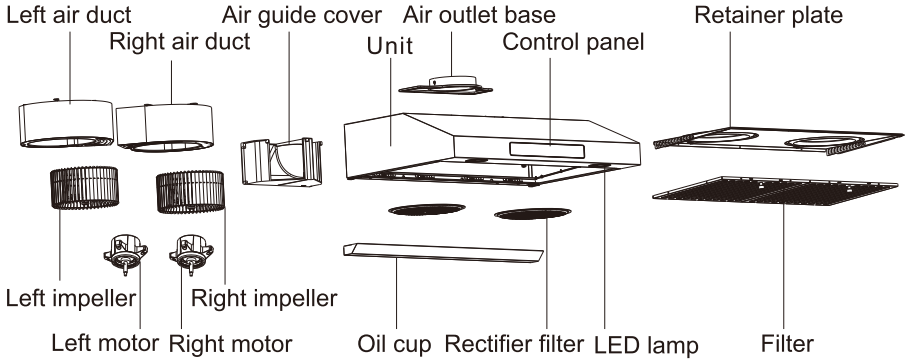
4.Unscrew the fasteners on the two rectifier nets and remove them. Then unscrew the 10 screws around the retainer plate and take down the plate.

5.Twist off the left nut clockwise and take out the left impeller vertically; twist off the right nut counterclockwise and take out the right impeller vertically.

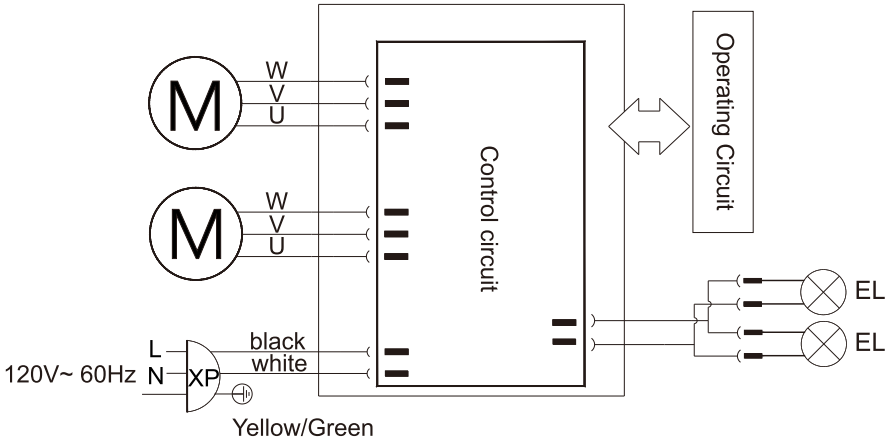
Installation is the reverse of removal.

(When installing the impellers, apply an appropriate amount of lubricant to the shaft holes.)

⚠ The unit does not normally require disassembly. Disassembly must be performed by qualified service 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.		