

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-260-53H1S
CXW-260-53H1SY
CXW-260-53H1SW
Range Hood

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.

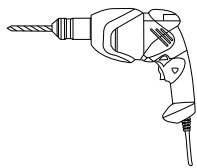
Preparation for installation

● Surrounding

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

● Tools preparation

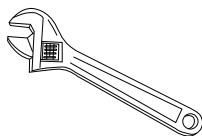
The hood will be installed with the following tools



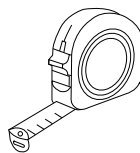
Electric percussion drill



Electric screwdriver



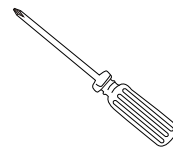
Wrench



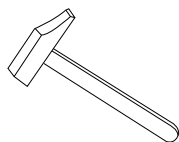
Measuring tape



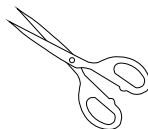
Gloves



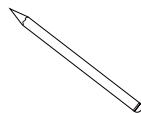
Cross screwdriver



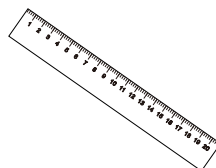
Hammer



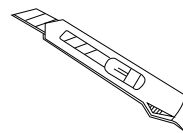
Scissors



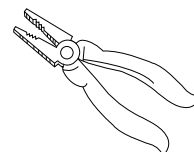
Pencil



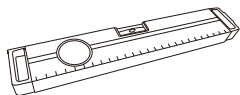
Ruler



Art knife



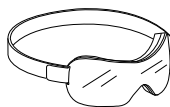
Cutting pliers



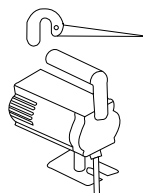
Level meter



Beam detector



Goggles



Electric saw

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.

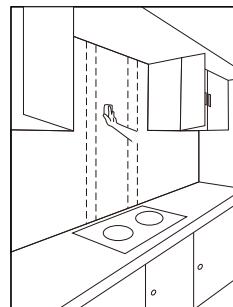
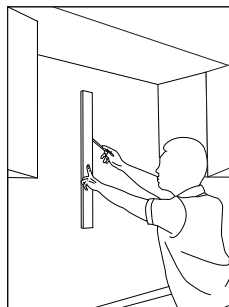
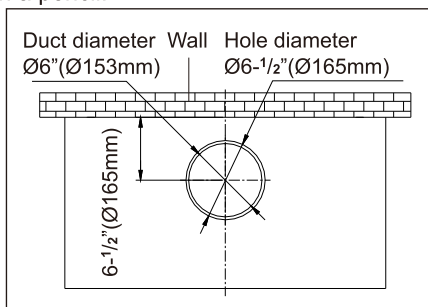
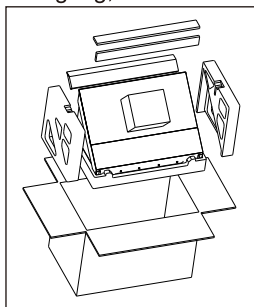
Installation

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 top of the range hood and the cooker supporting surface on the stove should be $29\frac{9}{16}"$ (750mm) and the maximum should not be greater than $32\frac{1}{2}"$ (825mm). If the state or region has laws on installation height of the range hood, please comply with the laws, but the fume suction effect of the product may be greatly affected. The installation of the range hood can be divided into three installation modes: no upper cabinet, with upper cabinet and upper cabinet with decoration panel. Note:

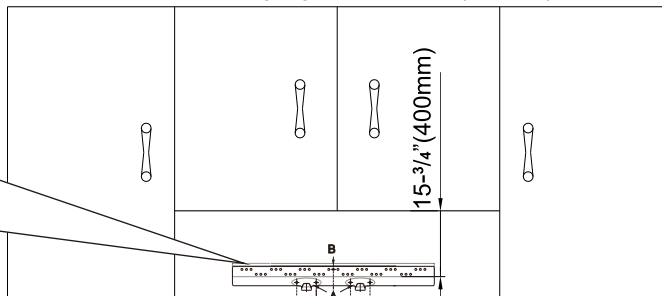
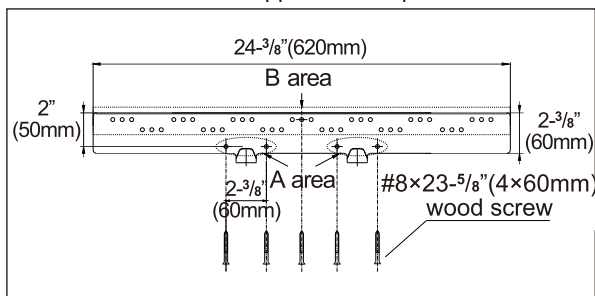
1. The hitching leg must be fixed to the beam with a screw.
2. Please operate with protective gloves and goggles.
3. The depth of the upper cabinet of the range hood from the wall shall be less than $15"$ (380mm).

● Installation with upper cabinet

1. Open the container and take out the machine, and check the items inside against the packing list.
2. Open the duct hole at the top of the upper cabinet according to the opening position and size as shown in the picture below.
3. 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.



4. Determine the installation position of the body hitching leg: confirm the hitching leg position with the lowest point at the bottom of the upper cabinet plate as the base and mark the drill holes. The relevant size is given as below: the distance from the bottom of the upper cabinet plate to the center of the area A of the hitching leg hole is $15\frac{3}{4}"$ (400mm)

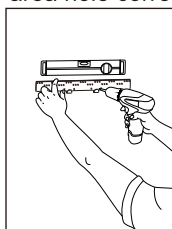
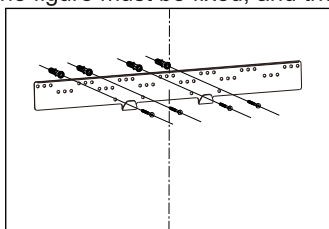


5. Fixed hanging feet

- 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, and use the $\#8\times23\frac{5}{8}"$ (4x60mm) The wood screw will be fixed reliably, and use a level to ensure the level of the hanging foot.
- 2) When the wall of the hanging machine is gypsum board, directly screw bulged tube (gypsum board) into the wall with a screwdriver at the mark, then use $\#8\times23\frac{5}{8}"$ (4x60mm) wood screw to fix the hanging foot reliably and use a level to ensure the level of the hanging foot.

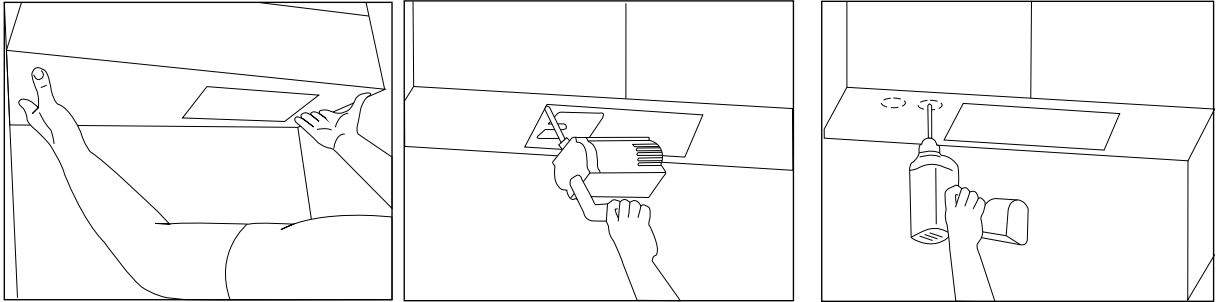
Note: 1. The hitching leg must be fixed to the beam with a screw.

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.

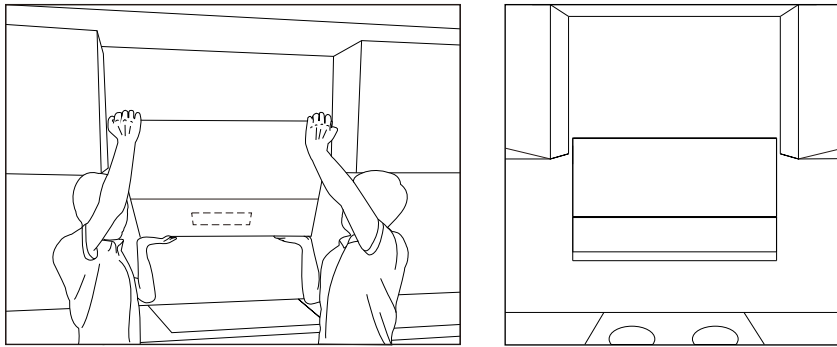


6. Paste the opening sample plate with the text surface downwards on the bottom plate of the upper cabinet, and use the electric saw and the drill bit of diameter $\frac{1}{4}$ "(7mm) to open holes according to the requirements on the opening sample plate.

Note: wear the goggles and gloves when opening the holes.



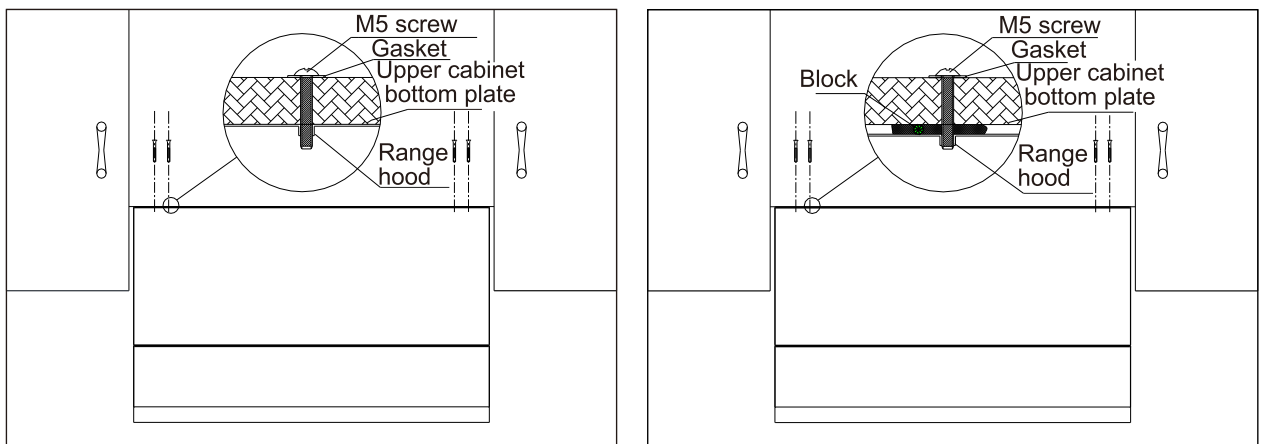
7. Lift up the range hood and hang the hanging foot on the bottom hanging hole, then push the range hood to the wall, so that the back of the range hood is close to the wall.



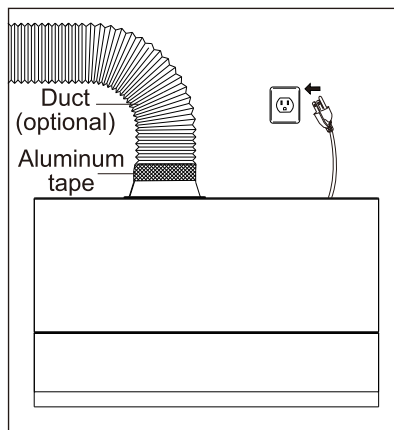
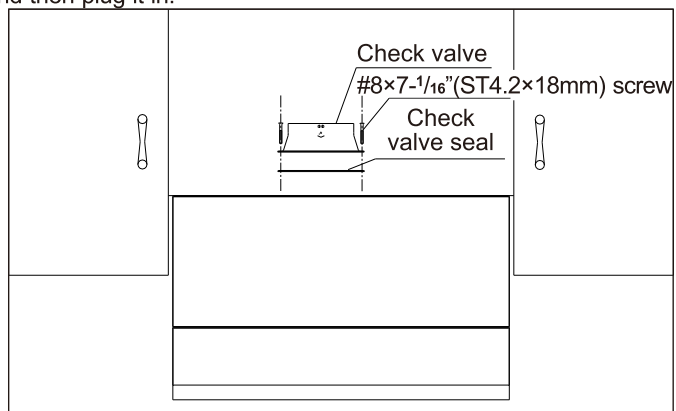
8. According to the thickness of the cabinet, fix the range hood from the bottom plate of the upper cabinet with 4 #10×15- $\frac{3}{4}$ "(M5×40mm) or #10×39- $\frac{3}{8}$ "(M5×100mm) screws, and let go only after at least two screws are fixed.

9. If there is a large gap between the cabinet bottom plate and the range hood, please add cushion block according to gap size near four #10×15- $\frac{3}{4}$ "(M5×40mm) or #10×39- $\frac{3}{8}$ "(M5×100mm) screws before installation, so as not to make the range hood enclosure deform and affect use when fastening the screws.

Note: two or more persons are required to install this range hood for safety.

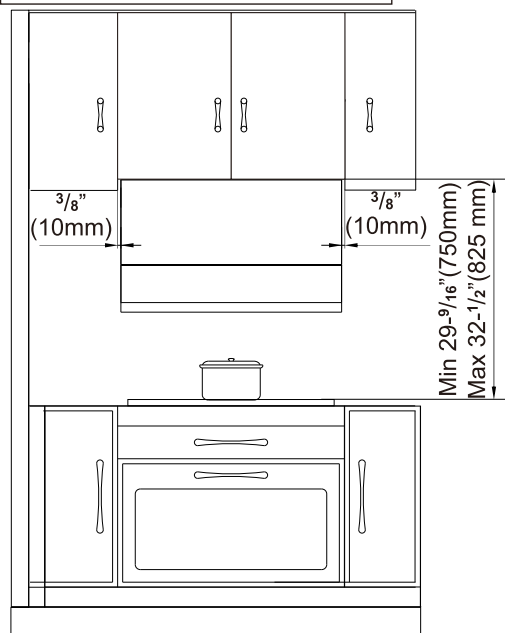
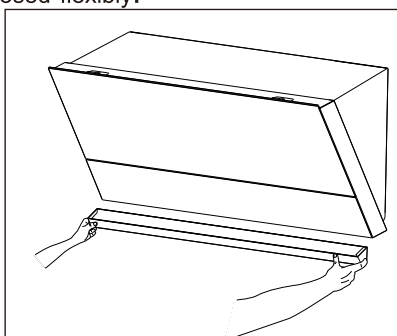


10. Put the sealing gasket at the air outlet of the range hood, and fix the check valve with eight #8×7-1/16"(ST4.2×18mm) screws. Attach the duct to the check valve and seal with aluminum tape, make sure that the duct connection is sealed, and then plug it in.



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 range hood must be kept horizontal. In the end, insert the oil cup and power it for test run.

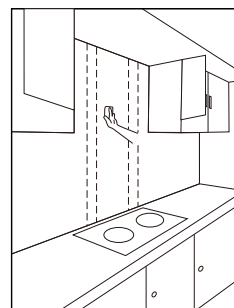
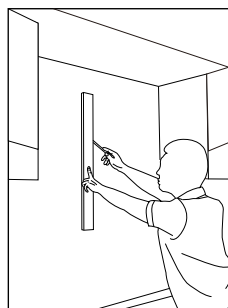
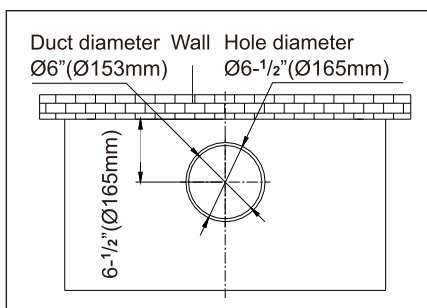
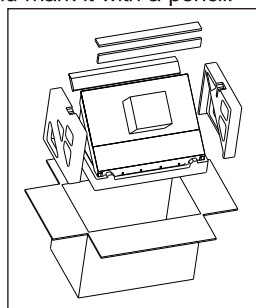


● Installation with upper cabinet and decoration panel

Note:

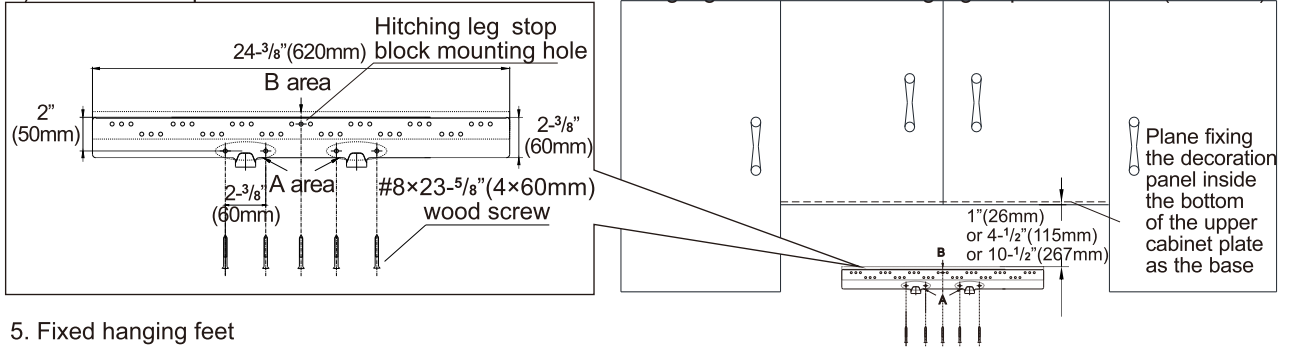
1) When the gap between the range hood and the upper cabinet is large, 2.5"(63.5mm) decorative board should be installed;
2) 6"(152.4mm) or 12"(304.8mm) decorative plate fittings shall be selected when the height from the upper cabinet to the supporting surface of the pot exceeds 32-1/2"(825mm).

1. Open the container and take out the machine, and check the items inside against the packing list.
2. Open the duct hole at the top of the upper cabinet according to the opening position and size as shown in the picture below;
3. 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.



4. Determine the installation position of the hitching leg and the hitching leg fixed block: confirm the hitching leg position with the inside of the upper cabinet plate bottom as the base and mark the drill holes. The relevant size is given as below:

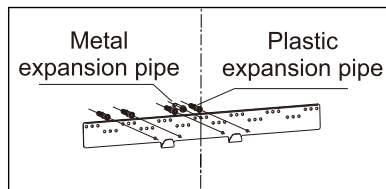
- 1) When using 2.5" decorative board, the distance from the bottom plate of the upper cabinet board to the top of the hanging foot is 1" (26 mm);
- 2) When using the 6" decoration panel, the distance from the inside of the upper cabinet panel bottom to the top of the hanging leg is 4-1/2" (115mm) ;
- 3) When using the 12" decoration panel, the distance from the inside of the upper cabinet panel bottom to the top of the hanging leg is 10-1/2" (267mm) ;
- 4) The installment pitch of holes between the center of the hitching leg hole and the hitching leg stop block is 2-3/8" (60±2mm).



5. Fixed hanging feet

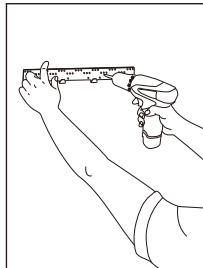
- 1) When the wall of the hanging machine is tile, use a drill bit of 5/16" (8mm) in diameter to drill a hole of 2-3/8" (60mm)-2-3/4" (70mm) in depth at the mark (not too big), press bulged tube (tile) into the hole.
- 2) When the hanging wall is gypsum board, use a screwdriver to screw the bulged tube (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 3/8" (10mm) (not too large) and a depth of 2" (50mm) - 2-3/16" (55mm), The M6 metal bulged tube is inserted into the hole.



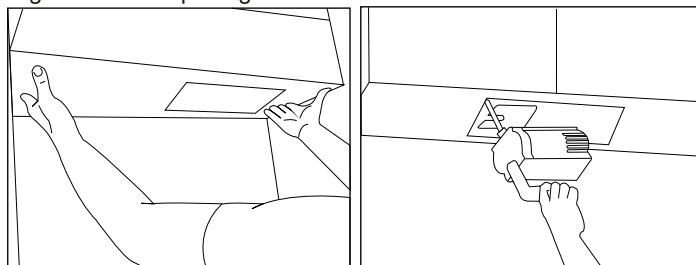
6. Remove M6 metal expansion pipe, nut and washer, and reliably fix the hitching leg with #8x23-5/8" (4x60mm) wood screws supplied with the machine. Use a level ruler to make sure the hitching leg is in a horizontal position.

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



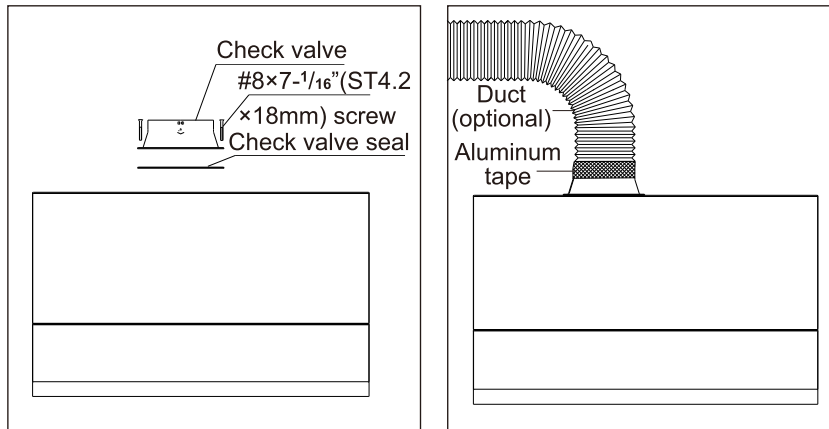
7. Paste the opening sample plate with the text surface downwards on the bottom plate of the upper cabinet, and use the electric saw to open holes according to the requirements on the opening sample plate.

Note: wear the goggles and gloves when opening the holes.

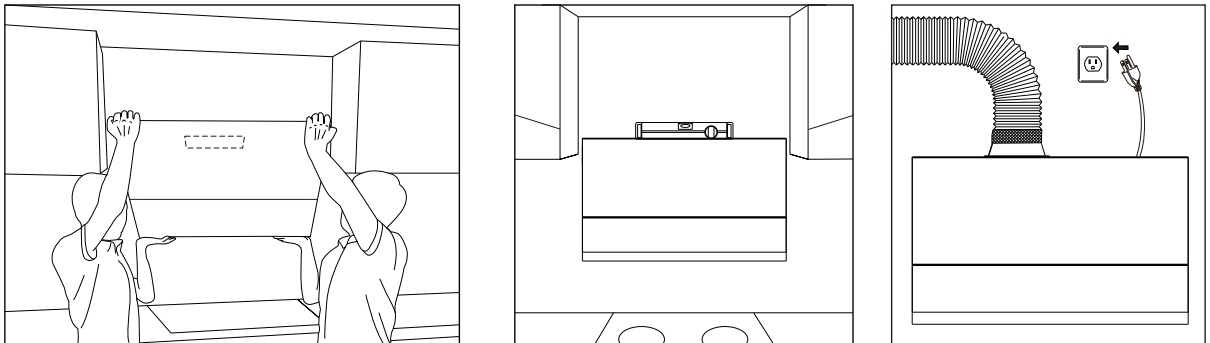


8. Put the sealing gasket at the air outlet of the range hood, and fix the check valve with eight #8×7-1/16" (ST4.2×18mm) screws. Attach the duct to the check valve and seal with aluminum tape, make sure that the duct connection is sealed.

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.

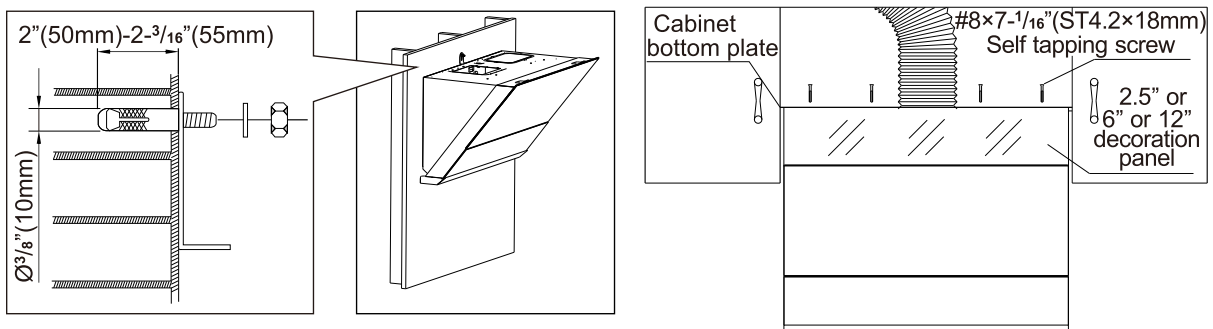


9. Lift the range hood, hang the back hook at the hitching leg and use a level ruler to ensure that the machine is horizontal. Then plug in the power.

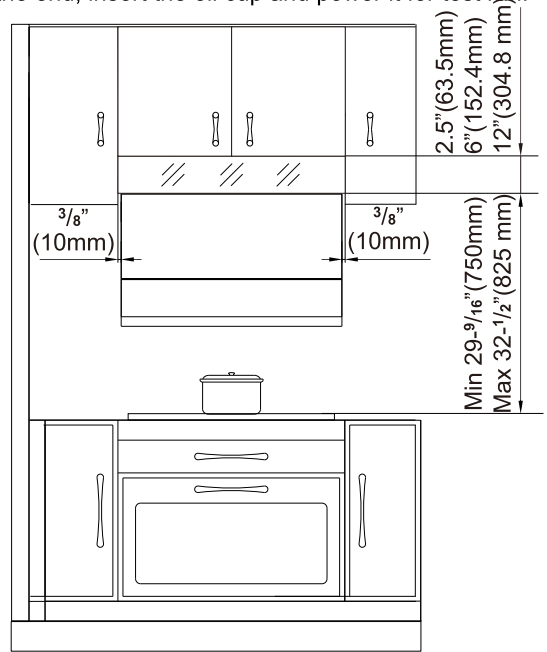
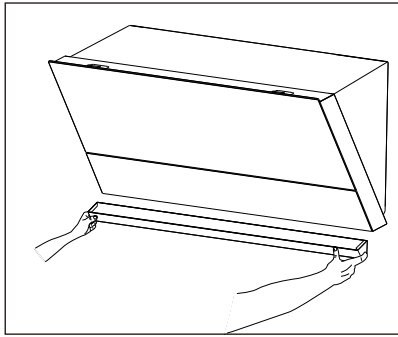


10. After the machine is installed in place, install the hitching leg stop block and the gasket on the M6 metal expansion pipe, and tighten the nut with a wrench (to prevent the machine from decoupling accidentally under external force).

11. Fix the decoration panel at the bottom of the upper cabinet plate with four #8×7-1/16" (ST4.2×18mm) self tapping screws and make sure that the decoration panel is flat.



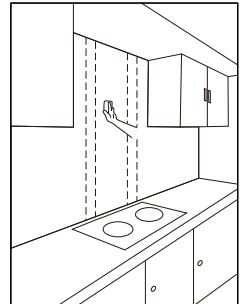
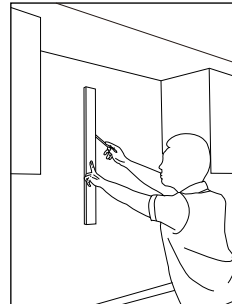
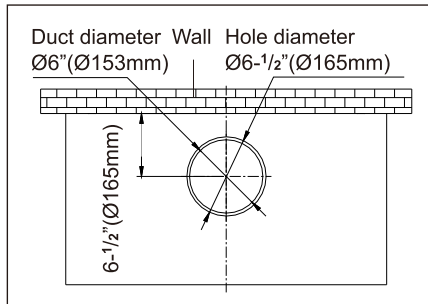
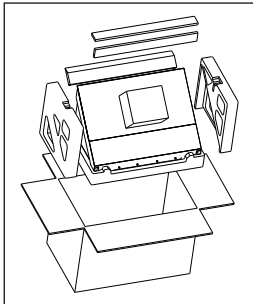
12. After installation, the range hood must be kept horizontal. In the end, insert the oil cup and power it for test run.



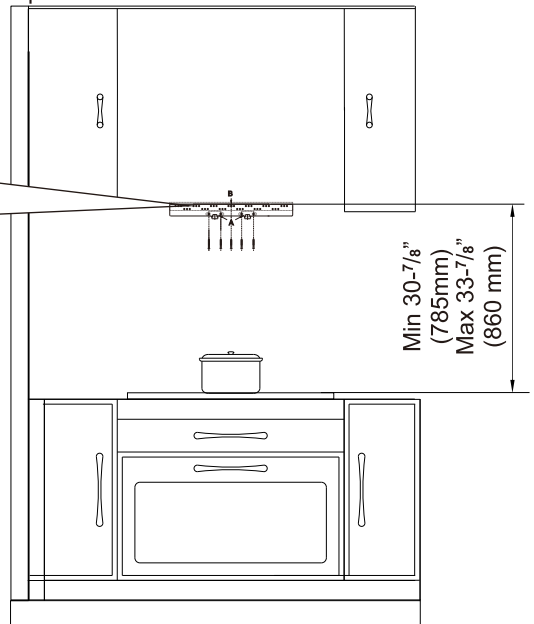
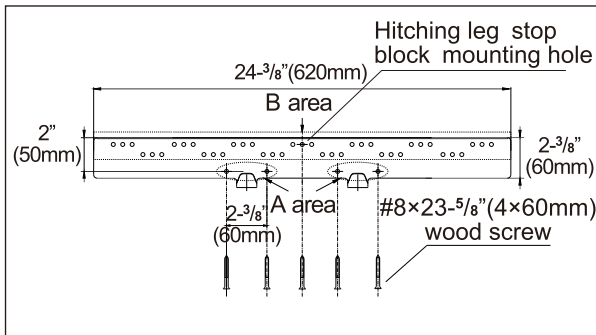
● Installation without upper cabinet

Note: select the mainframe panel accessories if there is no cabinet above the stove.

1. Open the container and take out the machine, and check the items inside against the packing list.
2. Open the duct hole at the top of the upper cabinet according to the opening position and size as shown in the picture below.
3. 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.



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



Confirm the hitching leg position with the cooker supporting surface as the base and mark the drill holes. The relevant size is given as below:

- 1) The minimum distance between the cooker supporting surface and the top of the hitching leg is $30\frac{7}{8}$ " (785mm)
- 2) The maximum distance between the cooker supporting surface and the top of the hitching leg is $33\frac{7}{8}$ " (860mm);

5. Fixed hanging feet

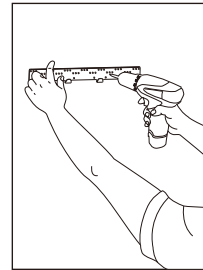
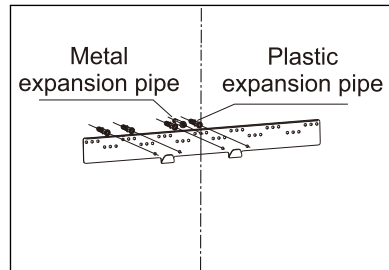
1) When the wall of the hanging machine is tile, use a drill bit of $\frac{5}{16}$ " (8mm) in diameter to drill a hole of $2\frac{3}{8}$ " (60mm)- $2\frac{3}{4}$ " (70mm) in depth at the mark (not too big), press bulged tube(tile) into the hole.

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.

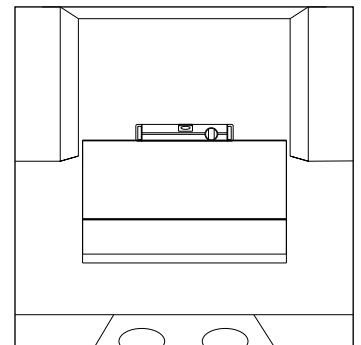
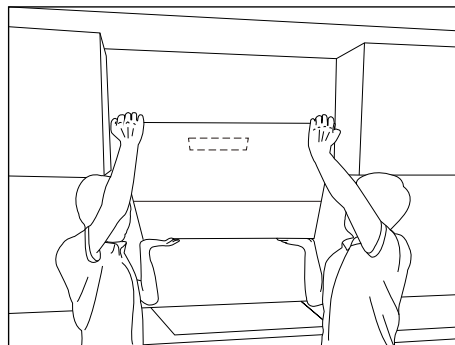
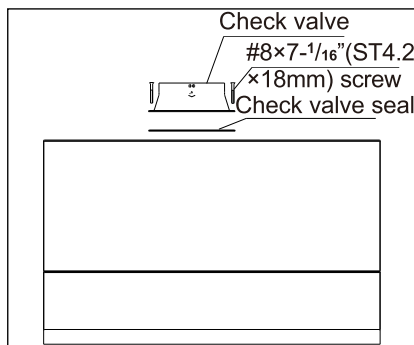
6. Remove M6 metal expansion pipe, nut and washer, and reliably fix the hitching leg with $\#8 \times 23\frac{5}{8}$ " (4×60mm) wood screws supplied with the machine. Use a level ruler to make sure the hitching leg is in a horizontal position.

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



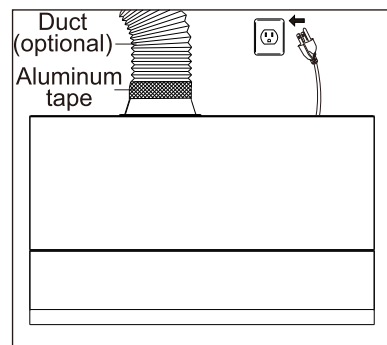
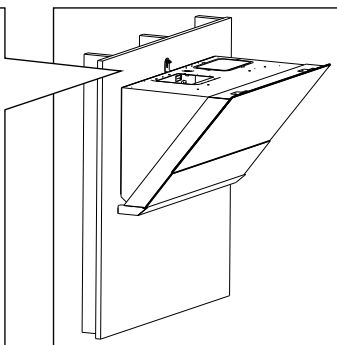
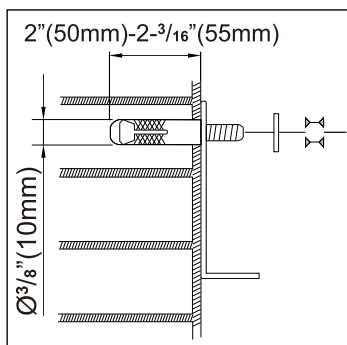
7. Put the sealing gasket at the air outlet of the range hood, and fix the check valve with eight $\#8 \times 7\frac{1}{16}$ " (ST4.2×18mm) screws.

8. Lift the range hood, hang the back hook at the hitching leg and use a level ruler to ensure that the machine is horizontal.

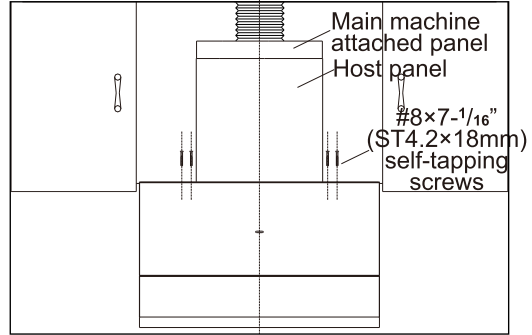
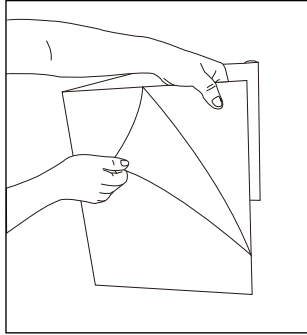


9. After the machine is installed in place, install the hitching leg stop block and the gasket on the M6 metal expansion pipe, and tighten the nut (to prevent the machine from decoupling accidentally under external force). Attach the duct to the check valve and seal with aluminum tape, make sure that the duct connection is sealed, 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.



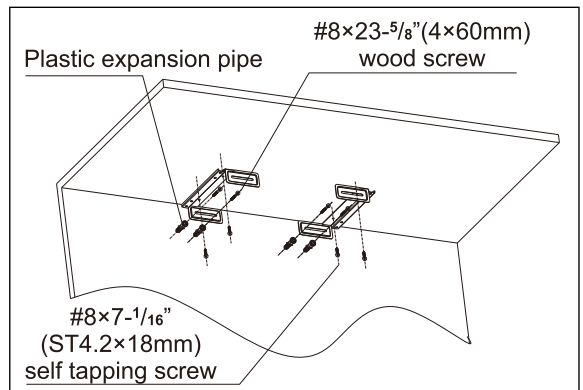
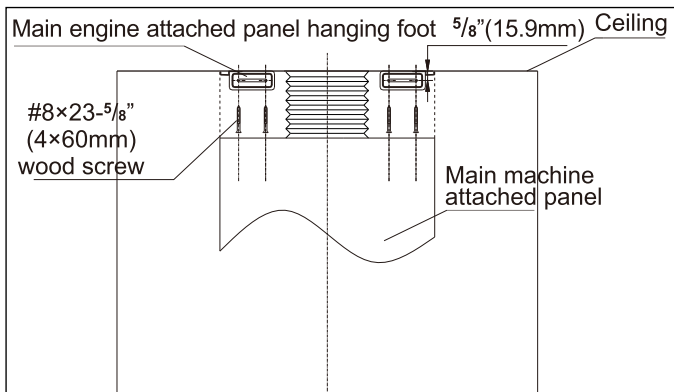
10. Tear off the protective film of the host panel and the host attached panel, insert the host attached panel into the host panel, and then fix the host panel on the top of the range hood with 4 #8×7-1/16" (ST4.2×18mm) self-tapping screws.



11. Taking the ceiling as a benchmark, mark the holes for the hanging legs of the main panel, so that the distance between the edges of the two hanging legs is slightly smaller than the width of the main panel.

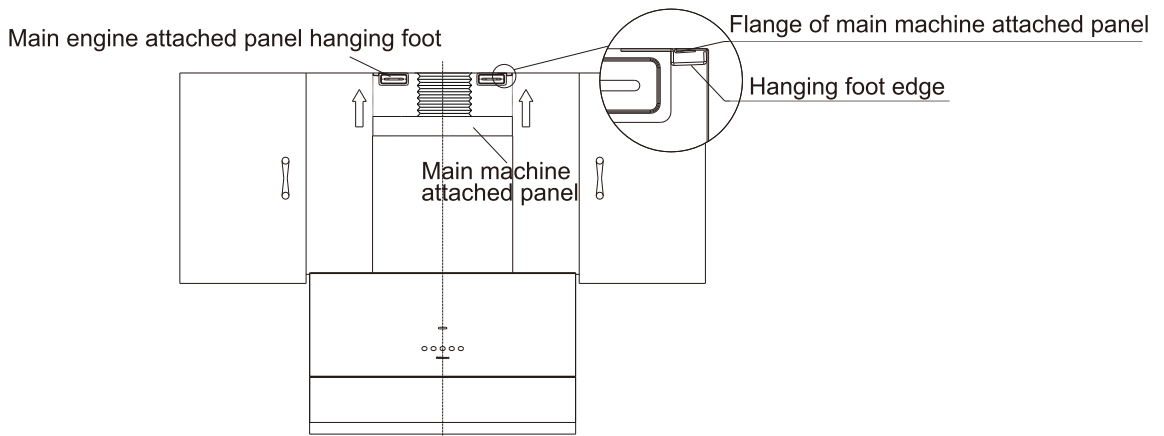
12. drill a hole with a depth of 2-3/4" (70mm) at the marked place with a drill bit with a diameter of 5/16" (8mm), press the expansion pipe into the hole, fix the two hanging feet of the main machine attached panel reliably with #8×23-5/8" (4×60mm) wood screws, and then fix the top of the hanging feet of the main machine attached panel and the ceiling reliably with 4 #8×7-1/16" (ST4.2×18mm) screws

Note: the hanging foot of the attached panel of the main engine must be fixed on the wooden column with a screw;
The edge distance between the hanging legs of the two main machine attached panels is slightly smaller than the width of the main machine attached panels.

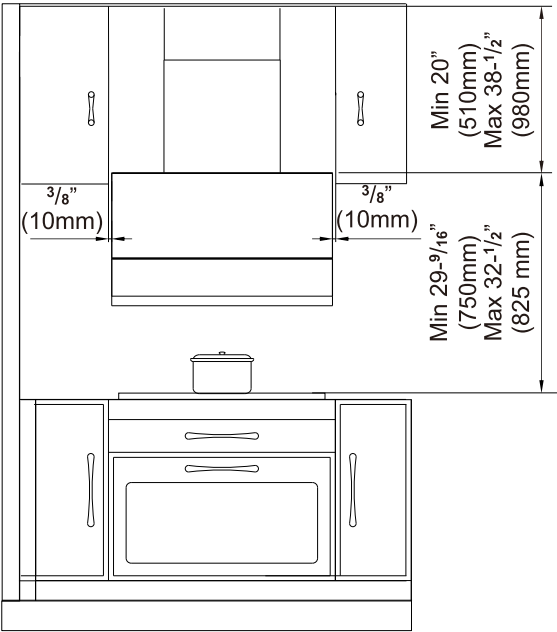
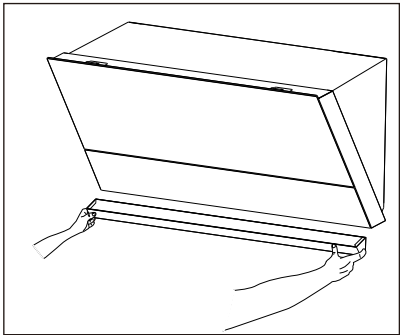


13. After fixing the hanging feet of the host attached panel, pull out the host attached panel by hand, so that the top hem of the host attached panel is hung on the edge of the hanging feet, which makes the host attached panel firmly installed.

Note: When installing the main machine attached panel, it should be slightly broken outward, so that the top hem of the main machine attached panel can be hung on the edge of the hanging foot smoothly.



14. After installation, the range hood must be kept horizontal. In the end, insert the oil cup and power it for test run.



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