

ROBAM

Operation Manual



CXW-200-A808

CXW-200-A816

Range Hood

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Dear Users:

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

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.

Children and disability are not allowed to use range hood independently in order to avoid accident.

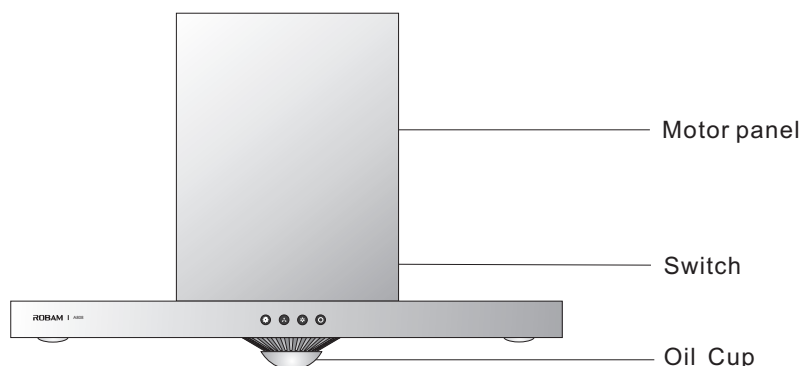
Product Overview

Technical Data

| | | | |
|-------------------------------------|------------------------------|------------------------------|--------------------------|
| Model | CXW-200-A808 CXW-200-A816 | Noise | ≤58.5dB |
| Power Supply | a.c 220-240V 50Hz | Main Rated Input Power | 204W |
| Total Pressure Efficiency | ≥22% | Rated Main Motor Input Power | 200W |
| Nominal Wind Pressure | ≥220Pa | Lighting Power | ≤2W×2 |
| Air Flow Rate | 17m ³ /min | Size (L×W×H) | 895×480×528(mm) |
| Max Static Pressure | ≥310Pa | Net Weight | A808:18.5kg A816:22kg |
| Normal odor reduction factor | ≥96% | Oil separation | ≥92% |
| Instantaneous odor reduction degree | ≥73% | | |

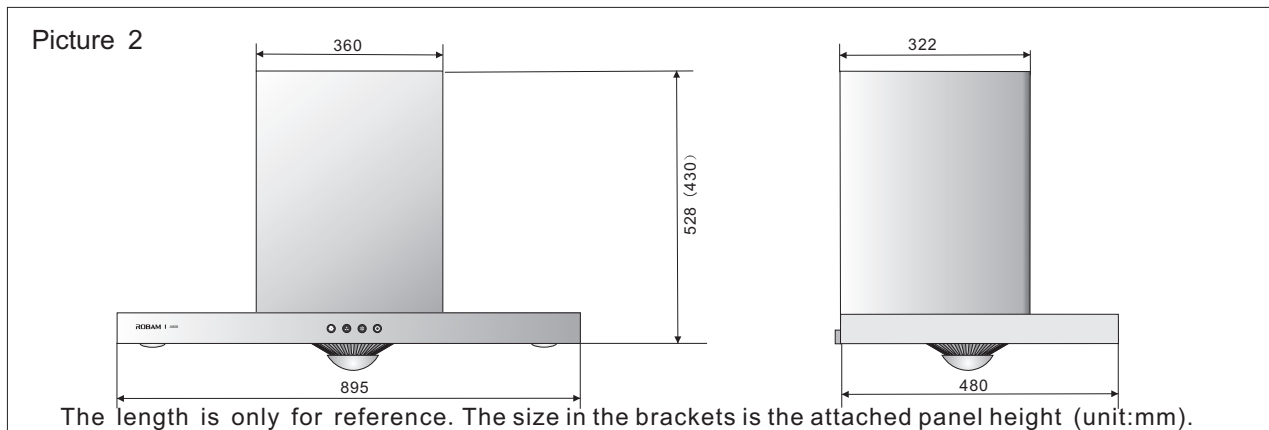
Marks: The tolerance of air flow rate or air pressure between testing value and actual value should be within 10%.

Picture 1



Improper operation may cause hazardous effect.

Size & Dimension



Installation

Warning

1. The range hood is prohibited from exhausting fume into hot flue , which is used for exhausting gas fuel or other fuel fume.
2. In installing metal expansion tube,ensure perfect match of tube diameter with hole diameter to prevent accidental falling off from loosened expansion tube due to excessive hole expansion.
3. Use range hood in case of gas or other fuel combustion and ensure good ventilation in the room.
4. Flue opening smaller than that of the air duct or excessively long air duct will affect the fume removal.

Preparation

● Ambient environment

Range hood shall be installed away from positions with too many windows or doors, which will lead to strong air convection and thus reduce the effect of fume removal.

▲ **Note:** This product must be used in the daily life. Don't use it under special situation (for example: outside), Meanwhile , don't use this product to exhaust dangerous explosive material or gas . This product must be placed under safe circumstance before installation. (dry, good ventilation, non-corrosive and innocuous , etc)

● Tools

Installing range hood requires the following tools: 1. impact electric drill (with drill bit) ; 2. Wrench ; 3. Screwdriver; 4. Ruler

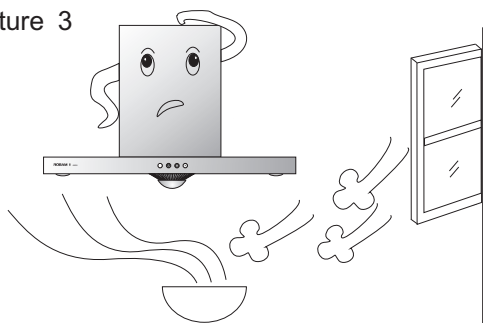
● Packing List

| Packing List | No. | Item Name | Quantity | No. | Item Name | Quantity |
|--------------|-----|----------------------------|----------|------|------------------------|----------|
| | 1 | Range Hood | 1 unit | 9 | ST 4x18 tapping screw | 10pcs |
| | 2 | Φ 175 aluminum foil's duct | 1 set | 10 | ST 3x10tapping screw | 4pcs |
| | 3 | Φ 175 air duct's interface | | 11 | ST 4x60wooden screw | 4pcs |
| | 4 | Fixed bar of air duct | | 12 | Stop block for brachet | 1piece |
| | 5 | Adhesive tape | | 13 | M6metal expansion tube | 1piece |
| | 6 | Plastic expansion tube | | 4pcs | 14 | Mounting |
| | 7 | Operation Manual | 1 unit | 15 | Oil cup | 1piece |
| | 8 | Check valve | 1 unit | | | |

Note: if the check valve interface please in the box ,pleas install the air duct e according to figure 11-2 (have the check valve interface, without ST3 x 10 of the screw), if there is nocheck valve interface, please according to the diagram 11-1 way for installation.

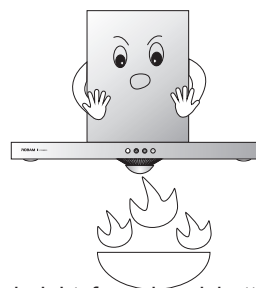
Installation Precautions

Picture 3



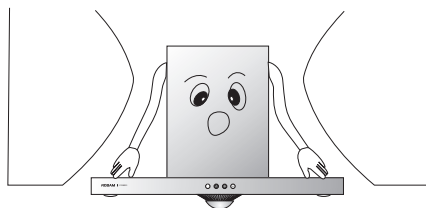
- Don't install the range hood too high and keep it free from external airflow to prevent reduced the effect of fume removal.

Picture 4



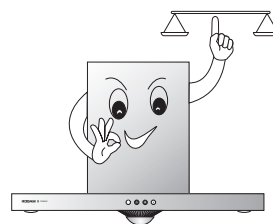
- Warning: The height from hood bottom to the cooktop should be not less than 650mm. (see installation in details). Don't allow to contact fire with range hood directly. Forbid gas stove from getting fire to prevent damage of range hood or happening of accident.

Picture 5



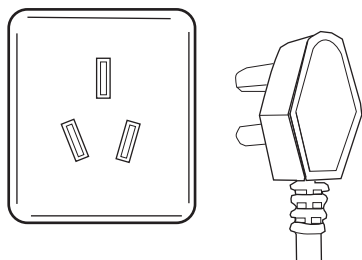
- Please reserve sufficient space when making cabinet in order to maintain and repair hood.

Picture 6



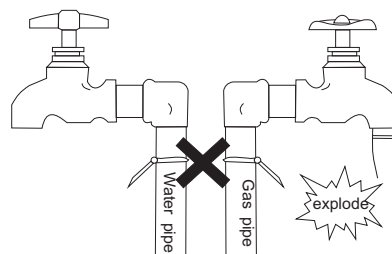
- Keep hood horizontal when installing.

Picture 7



- Use fittable plug and earthed. (The picture for reference only, please subject to actual plug)

Picture 8



- Water pipe improperly earthed.
- It's dangerous of fire and explosion to earth gas pipe.

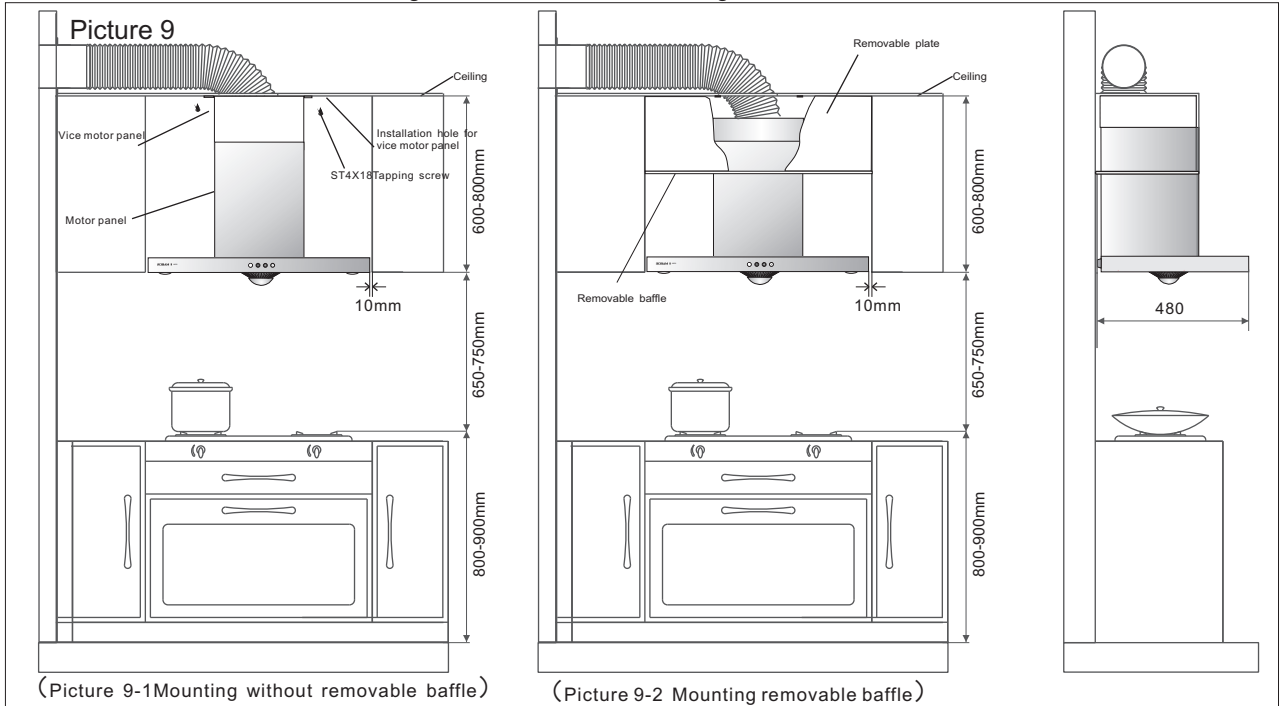
Please pay much attention to following:

- If your kitchen is under installation, please don't divulge range hood outside, because the smell from building material, dust, painting, coating material may cause rust. We suggest users to install range hood after decoration.
- Don't allow to install range hood on the wall which is easy to fire, for instance, wooden wall. Please install range hood on the wall where has enough space and strength for noncombustible material.
- Range hood and electricity must be installed by specific operation. Don't allow to install, disassembly and maintenance range hood by non-professionable person.
- Please ware glove when moving, installing, cleaning or repairing range hood.
- Please be care of electricity inside of wall when operator digging holes on the wall. It may causes fire.

Installation

1.Location: Reference dimension for mounting of removable baffle is 430 (mm), but subject to adjustment according to actual situations. The installation hole (picture 10-1) shall be centered vertically with the hood body and kept horizontally. Ceiling installation hole size as picture 10-2 shown.

▲ Operator shall install range hood upright the gas hob with recommended lowest height between hood bottom and cooktop is 650mm. (if maximum installation distance is specified in the instruction of installation, this shall be taken into consideration; The installation height can be reduced according to actual situations when there is electric hob).



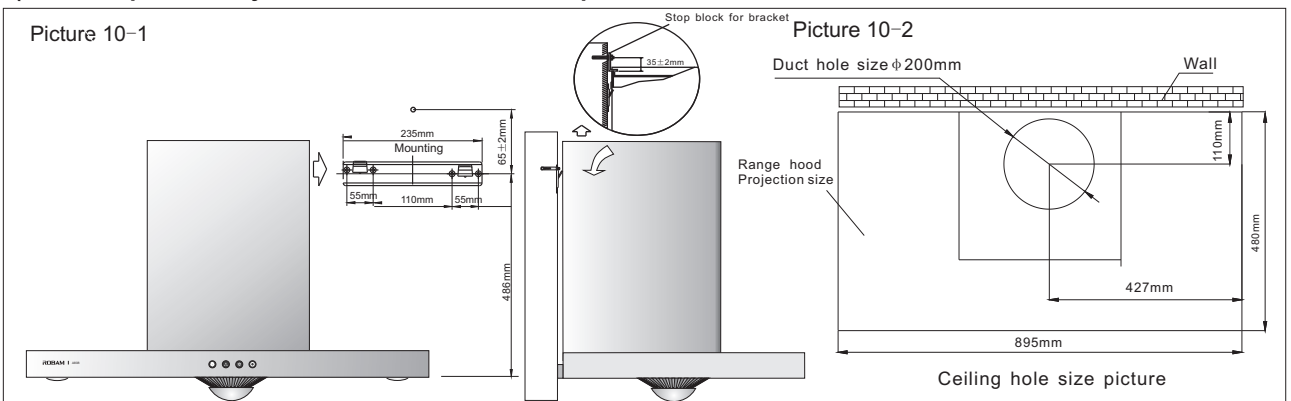
2.Installing hanging plate: drill four 60-70mm-deep holes by $\Phi 8$ mm drill bit at positions corresponding to the hanging plate dimension. Force the expansion tube into the holes and fasten firmly the hanging plate by the supplied four 4x60 wooden screws. Drill a 50-55mm-deep $\Phi 10$ mm hole at position 65mm high from the four holes and force the M6 metal expansion tube into the hole. (picture 10-1)

3.Adjusting the vice motor panel: hold the holder of the vice motor panel, and pulling it into the proper height, then pulling the vice motor panel with two hands by both side of the panels. Pull it upward to adequate height and tear off its protective film.

4. Installing hood body: As shown in Picture 11-1, 11-2 align the hanging holes at back of the hood body to the hooks on the hanging plate and slide the body in by pressing and shake by hands the body to see if it is firmly hang (shown as 10-1). When the body is ready in place, install safety stop block and gasket on the M6 metal expansion tube and fasten firmly the nuts to prevent the hood body from running out of the hooks under external force.

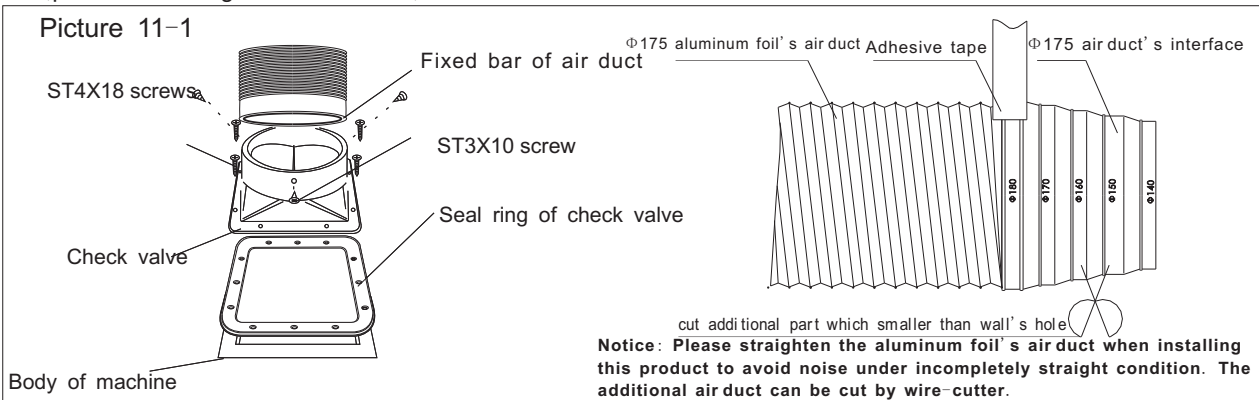
5.Adjusting and installing vice motor panel: as shown in Picture 9-1, about 3 centimeter gaps is left between the vice motor panel and the ceiling, push the vice motor panel against the ceiling till it contacts, then fasten the vice motor panel on the ceiling by ST 4x18 screws.

(Don't require to adjust and install vice motor panel in Picture 9-2)



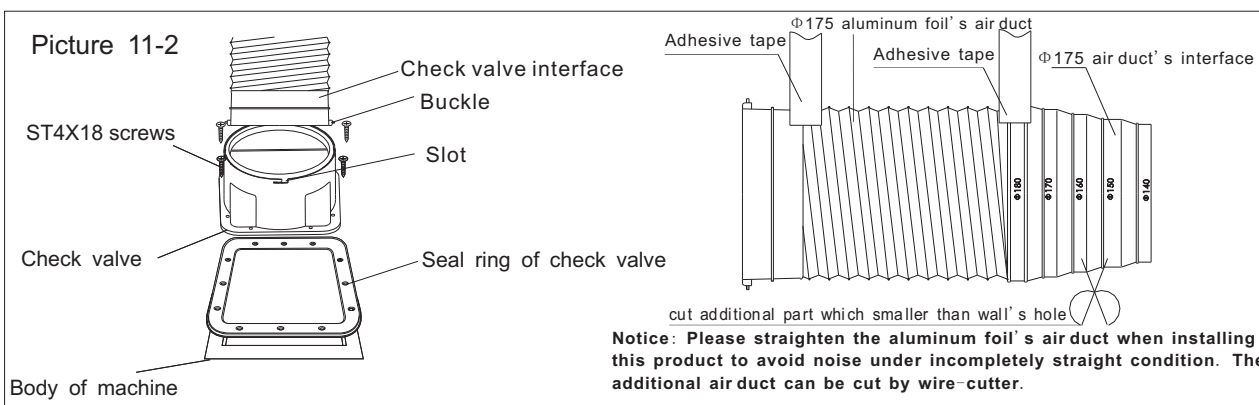
6. Installation of aluminum foil's air duct:

● **Installation of without check valve:** Firstly, insert the aluminum foil's air duct with fixed bar between the inner and external rings of check valve vent, fasten it by ST3x10 tapping screw. Then fasten another side of aluminum foil's air duct with adhesive tap outside of room. When the wall's hole is bigger than air duct, the air duct can be pulled out of room directly; when the wall's pipe is smaller than air duct, there are four specifications for the interface of air duct, such as 140mm, 150mm, 160mm and 170mm. The operator can select reasonable specification according to wall's hole. The additional part can be cut with forxex. (The detail as following picture), if the duct should connect with public smoke flue, please first straighten out the duct, then connect with flue.



● **Installation of with check valve:** Firstly, insert the aluminum foil's air duct into the external rings of check valve vent, fasten it seal tape. Then put 4 buckles in the check valve into the slots, turn with clockwise and fix the duct with the check valve vent.

Then fasten another side of aluminum foil's air duct with adhesive tap outside of room. When the wall's hole is bigger than air duct, the air duct can be pulled out of room directly; when the wall's pipe is smaller than air duct, there are four specifications for the interface of air duct, such as 140mm, 150mm, 160mm and 170mm. The operator can select reasonable specification according to wall's hole. The additional part can be cut with forxex. (The detail as following picture), if the duct should connect with public smoke flue, please first straighten out the duct, then connect with flue.



7. Installing other end of exhaust duct (for reference)

Installing with exhaust tube and range hood against the window:

replace a piece of window glass with plywood with ventilation holes or drill holes directly on the glass.

● In case range hood kept away from the window:

Choose the window nearest to the hood and with outdoor access for installing the exhaust tube; or drill holes on the wall nearest to the hood and with outdoor access to install the exhaust tube through the wall.

● Drilling holes through wall:





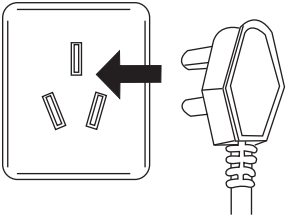

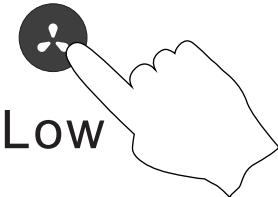

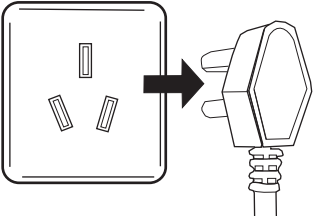
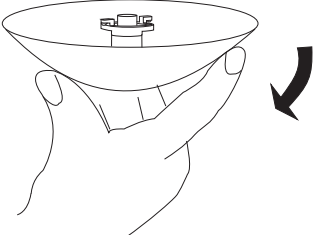
Align properly the positions of exhaust tube against the wall and scribe the holes on the wall (circles slightly larger than the exhaust tube diameter), then drill the wall by long drill bit. Please take care of the wall structure and materials to prevent damage of wall other than the wall holes.

The hole diameter on the wall shall be near to that of the exhaust tube and shall not be too small.


Otherwise, it will lead to obstructed exhaust, higher noise and lower air flow rate, noisy. The connection part from the duct and the flue should be well sealed, make sure the duct, check valve vent and the flue well fixed, and check the valve from the check valve or flue switched smoothly;

Use Instruction

Control Panel

| | |
|--|---|
| <p>Picture 12</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Light</p> </div> <div style="text-align: center;">  <p>Low</p> </div> <div style="text-align: center;">  <p>High</p> </div> <div style="text-align: center;">  <p>Power</p> </div> </div> | |
| <p>Picture 13</p>  <ul style="list-style-type: none"> ● Insert power plug, and power of range hood is connected. | <p>Picture 14</p>  <ul style="list-style-type: none"> ● After the power connected, press "High" button, the motor works with high speed. If press the "Low" or "Power" button, it will work in the low speed state or turn off the high state. |
| <p>Picture 15</p>  <ul style="list-style-type: none"> ● After the power connected, press "Low" button, the motor works with low speed. If press the "High" or "Power" button, it will work in the high speed state or turn off the low state. | <p>Picture 16</p>  <ul style="list-style-type: none"> ● After the power connected, press "Light" button, its lamp turn on; press this button again, its lamp goes out. |
| <p>Picture 17</p>  <ul style="list-style-type: none"> ● Pull out power plug in case not being used for a long time. | <p>Picture 18</p>  <ul style="list-style-type: none"> ● If the oil over than 2/3 of the oil collector, turn right and pull off the collector, and drop the waste oil. |

Maintenance and Services

 If not wash in the way specified methods in the instruction, range hood may be liable of fire.

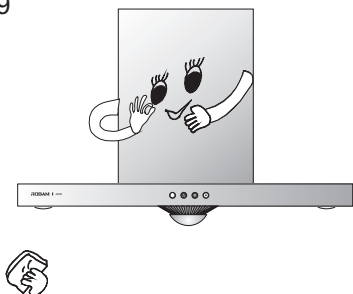
Range hood shall be cleaned at regular intervals depending on the environmental conditions to keep clean and good effect, it's helpful to extend service life.

Our suggestion:

- To ensure smooth fume removal, oil guide mesh should be cleaned every month.
- Impeller should be cleaned once every year by professionals.

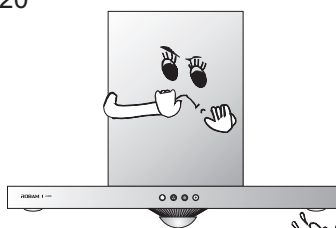
Note: Please clean hood when power off. don't make electric parts. For example, motor, switch, connector wet.

Picture 19



Wipe with wet cloth soaked in neutral detergent.

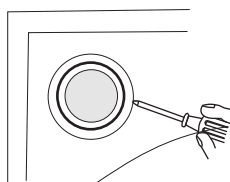
Picture 20



For safety concern, do not wash the range hood by water spray.

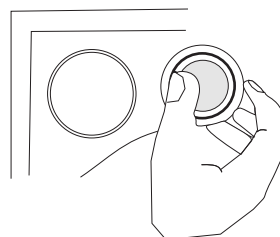
Dismounting of lamp

Picture 21



Remove fastening screws of lamp shade plate by screwdriver

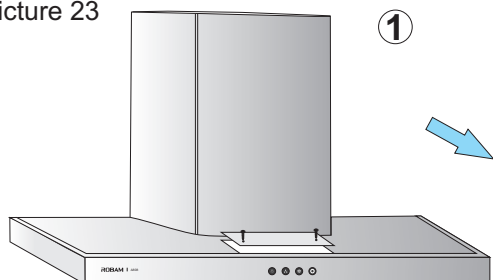
Picture 22



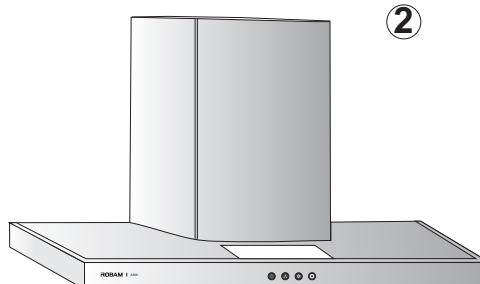
Pull out of lamp from cover and take out of connector, then replace lamp.

Dismounting of switch

Picture 23



Take out of two screws on switch panel and dismounting switch panel.



Take out of two pieces of screws from switch and pull out of switch accessory, then repair or replace it.

Dismounting of switch

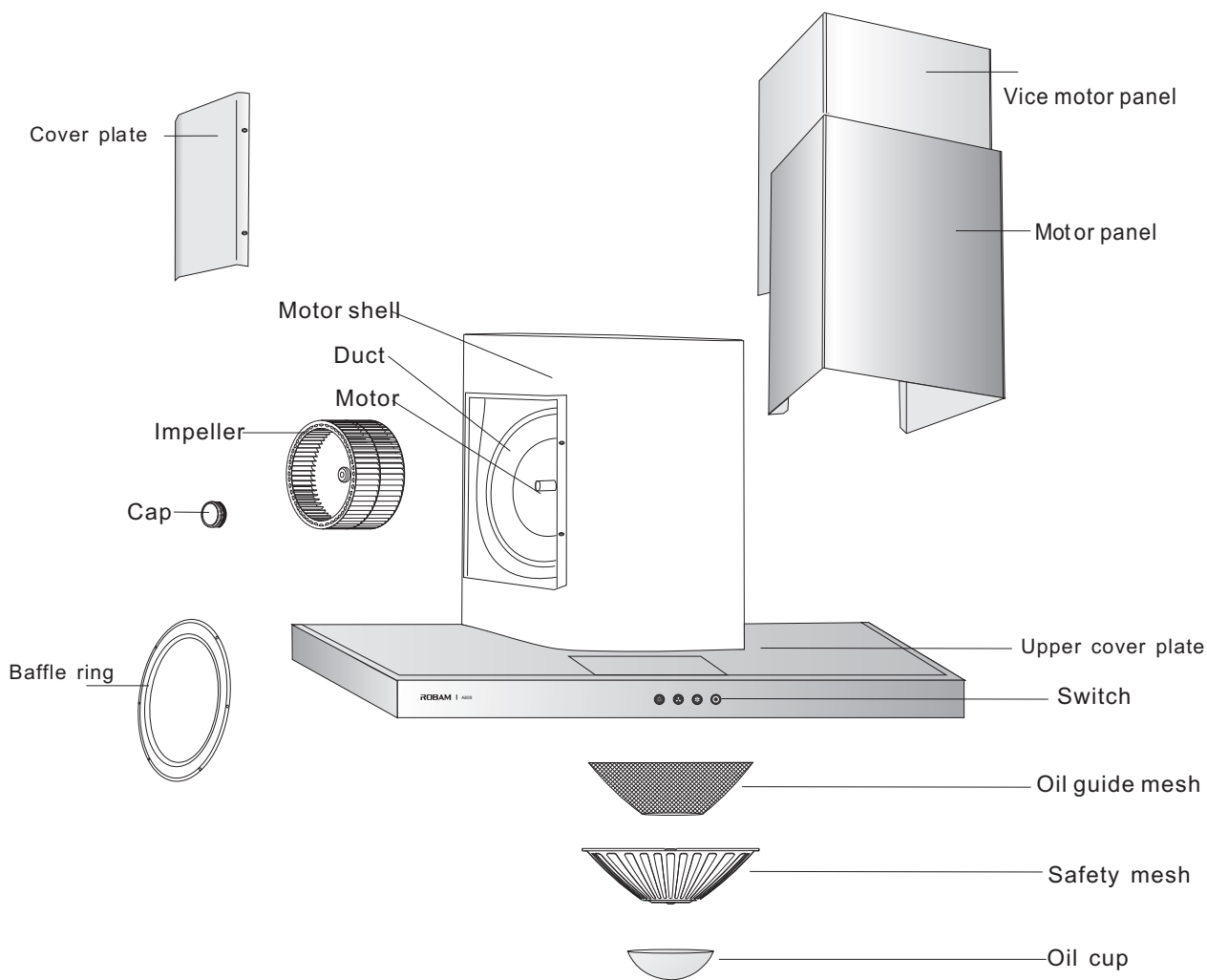
Picture 24

Dismounting Steps:

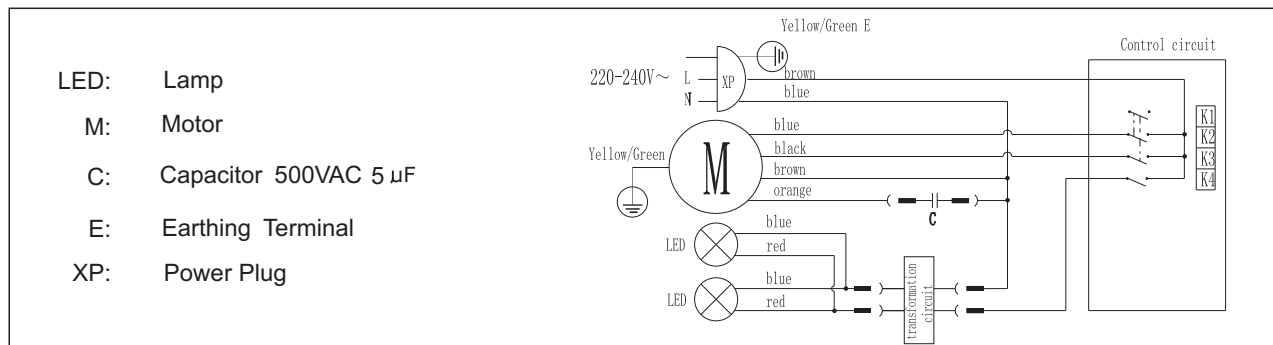
1. Pull out power plugs;
2. Screw off 4 screws behind the motor panel and incline the motor panel forward to certain angle and pull it out by force with hands;
3. Take out vice motor panel from the motor panel;
4. Remove the cover plate after screwing off the fastening screws by Philips screwdriver;
5. Remove the baffle ring after screwing off its fastening screws;
6. Screw off cap cover clockwise and vertically take out impeller;
7. Remove fastening screws on the safety net by Philips screwdriver and take out oil cup and oil guide mesh.

The assembly steps are just opposite to the nondisassembly. (In assembling impeller, apply lubricant to the axle hole of the impeller.)

Notice: Don't follow with step 3 without vice motor panel.



Circuit Diagram



Warning

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 .

- Do not flambé under the range hood.
- Regulations concerning the discharge of air have to be fulfilled.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capacities, 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.
- 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.
- Accessible parts may become hot when used with cooking appliances
- 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 65 cm. If the instructions for installation for the gas hob specify a greater distance, this has to be taken into account.

General Troubleshooting

| No. | Phenomenon | Reason | |
|-----|--|---|---|
| 1 | No reaction in pressing any switch (such as impeller does not run and lamp does not light) | Plugs improperly plugged or power off | <div style="text-align: center;"> Warning</div> <p>1. When connecting accessory or replacing bulb, please pull out power plug;</p> <p>2. If power wires of range hood damaged, replace them by professionals;</p> <p>3. Don't allow to exhaust flame through range hood.</p> |
| 2 | Lamp fails in pressing lighting switch | Lamp damaged or improperly contacted | |
| 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/3

ROBAM