# FOTILE

Range Hood
Operation and Installation Manual | AMG9007-i

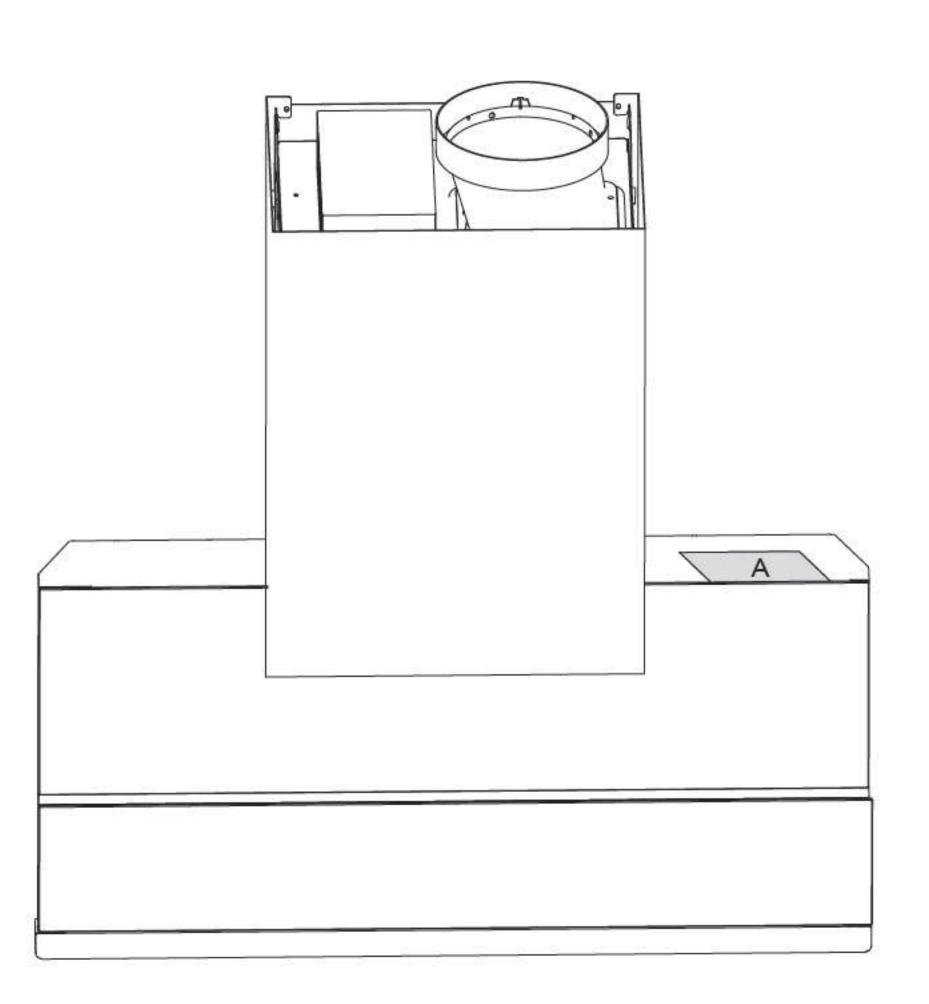
Please read this product manual carefully before installation and use.
Please keep this product manual for future use.

Dear user, thank you for choosing the Fotile product range meticulously manufactured for you by Fotile. Please read through this Operation and Installation Manual before use (hereinafter referred to as the "manual") to help you familiarize yourself with information concerning safety, operation, and maintenance of this range hood, and enable you to enjoy the new joy of cooking.

Please be sure to read this manual carefully before use, and follow the requirements set out in the manual during use. The operation instruction in this manual is very important for the product to be kept in a good working condition. In case of any product failure due to improper use, you will lose the right to free warranty, and any direct or indirect free warranty application will be rejected by our regional authorized service centers. In addition, it is important to both of us that you are suggested to contact Fotile's local authorized service center when in need of maintenance during or after the warranty period.

Our authorized service center will provide you with professional spare parts and technical support of Fotile, so as to give high-quality and fast maintenance support to your product and offer you the most relaxing and attentive service.

If you need service, please provide the product model and serial number on the product nameplate. Refer to diagram A below to locate the nameplate on your product.



#### Contents

| Narnings and Safety Instructions                        | 1  |
|---|----|
| Method of Use   | 4  |
| Main Technical Parameters                               | 4  |
| Operation Instruction                                   | 5  |
| nstructions on integrated control of range hood and hob | 7  |
| Cleaning and Maintenance                                | 8  |
| dentification and Troubleshooting of Common Faults      | 10 |
| nstallation   | 11 |
| Packing List  | 12 |
| Installtion Warnings                                    | 13 |
| Product Dimensions                                      | 14 |
| Installation Recommendations                            | 14 |
| Installation Steps                                      | 17 |
| Commissioning after Installation                        | 20 |
| Explosive View  | 22 |

Product features and parameters are subject to change at any time without notice and may differ slightly from this manual. Visit our official website at www.fotileglobal.com for the latest information.



## Warnings and Safety Instructions

#### Special Instructions:

Please use the product in strict accordance with the regulations of this manual. Our company will assume no responsibility for any loss of property or personal damage caused by improper use of the product.

# **△** Warning:

This appliance is not intended for use by persons (including children) with reduced physical,-sensory or mental capabilities, or lack of experience and konwledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

For safety use, groups with diminishing physical, sensory, or mental capabilities or lacking experience/knowledge (including children under 8 years) should not use this product, unless under the supervision or direction of the people in charge of their safety (for EU market).

Children shall be supervised to ensure that they do not play with the product, and children are not allowed to clean and repair the product without permission.

Note: The accessible part may become very hot during operation.

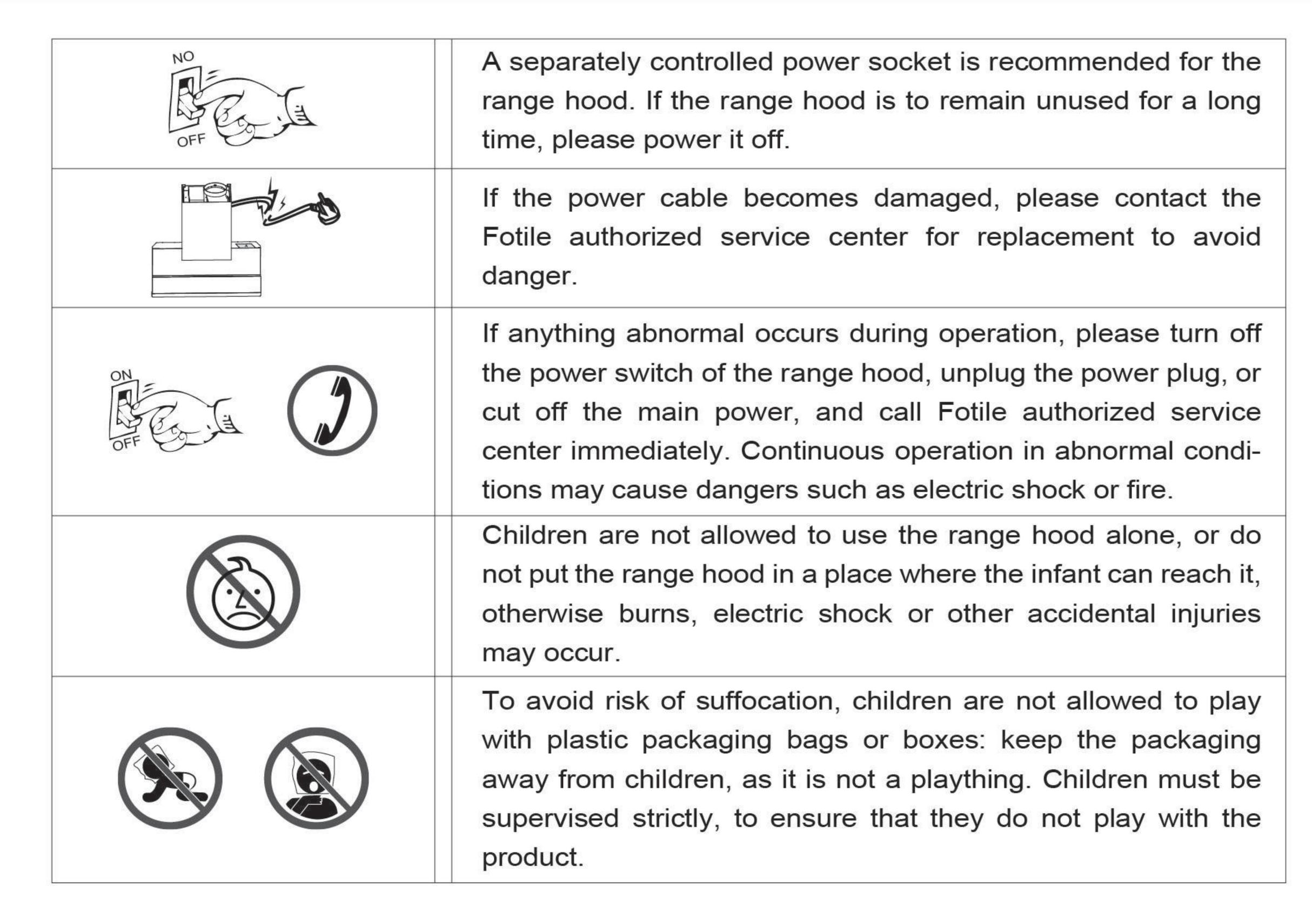


- a. Please dump and clean the accumulated oil regularly. Please wipe the outer surface of the range hood after each use.
- For comfortable use, please clean the outer surface and oil cup of the range hood frequently.
- c. Please clean the range hood as specified in the Instructions to avoid the risk of causing fire.

| ground connection  | The plug must be inserted into a power socket which has been installed appropriately and grounded reliably to ensure safety. The grounding wire shall not be connected to a gas pipe, water pipe, lightning rod, telephone line, etc. Poor grounding may cause electric shock or other accidents.   |
|--|---|
| To the state of th | As this range hood is heavy and has a complex installation procedure, its installation should be performed by installation and maintenance professionals according to the manual. Such dangers as electric shock, detachment or fire may be caused if installation of screws or fixtures is not completed in accordance with this manual. |
|  | Before using this product, please unpack it to check for damage. Do not install and use it in case of any obvious damage, and contact the Fotile authorized service center immediately.   |

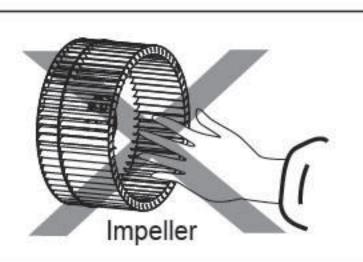
| safety<br>intruction   | Please follow the safety guide of heating equipment manufacturer, and the safety standards issued by fire control and other administrative departments.   |
|--|---|
| >30mm  | The wall on which the range hood is installed should have sufficient support strength. For hollow walls, the thickness of the solid layer of the hollow plate must be greater than 30 mm; for drywalls, the range hood shall be fixed onto the wooden pillar at the back; mounting holes can be drilled directly into concrete walls. The appliance must be firmly installed onto the wall. |
|  | Be careful not to damage power cables or other hidden equip-<br>ment such as gas or water pipes when cutting or drilling walls<br>or ceilings.  |
|  | This product is for daily household use only. Do not use it for commercial purposes or in other special environments (e.g. outdoors); do not use it for discharging hazardous or explosive substances or gases. If this product is used in special circumstances, Fotile will assume no responsibility.   |
|  | When the range hood and gas stove are used at the same time, make sure that the doors and windows are not fully closed to guarantee a good air circulation in the room.   |
| NO OFF CONTRACTOR OFF  | If the cooking pan is on fire, turn off the range hood immediately (continued operation of the range hood will fuel the fire). Please extinguish the fire with effective methods; for example, cover the open flame with a metal lid, close the main gas valve immediately, and keep combustibles away from the flame.  |
|  | Make sure that the exhaust duct of the exhaust type range hood is connected to the outdoors to discharge the exhaust gas, so as to avoid fire hazard and ensure fresh air.  |
| T≤40°C   | The temperature of the operating environment of the range hood shall not exceed 40°C.   |
|  | Please follow the method specified in the manual to clean the range hood to avoid the risk of fire.   |
|  | Please clean the oil cup timely to avoid overflowing when the oil reaches the very scale in the oil cup. Please don't use the waste oil.  |
| NO COFFE CONTRACTOR OFFE CONTR | To avoid electric shock, the range hood must be powered off before being moved for installation, cleaning or repairing. Be sure to wear protective gloves during installation, cleaning or repair to protect hands from being injured by the sharp edges of metal plates in the range hood.   |







|          | There will be a risk of fire if the range hood is not cleaned as specified in this manual.  |
|----------|---|
|          | Do not modify, stretch, knot, or squeeze the power cable or put it under weight, otherwise accidents such as electric shock or fire may occur due to breakage of the power cable.                                   |
|          | Do not modify the internal wiring of the range hood without permission, otherwise human injury may be resulted from possible abnormal operation. Improper repair may lead to electric shock, fire or other dangers. |
| Hot Flue | Do not discharge the exhaust gas of the range hood into the hot flue used to discharge the smoke from burning gas or other fuels. The relevant air emission regulations must be complied with.                      |
|          | Do not use the gas stove without cookware, otherwise the range hood above may get damaged.  |
|          | Do not touch the lamp bulb when it is turned on or has just been turned off, otherwise you may suffer burns.  |



To avoid injury, do not put your hands or other articles into the rotating blades when the range hood is working.





Electrical parts such as motor, switch and connector must not be damped by water. Do not clean the range hood with water. Do not use the range hood after it becomes wet as accidents such as electric leakage and electric shock may occur.



Do not touch the power plug or electrical parts, or operate the power switch with wet hands as electric shock is likely to occur.



- a. Warranty services can only be provided by agencies or personnel authorized by FOTILE. Please do not dismantle or repair this product by yourself. Otherwise, the warranty services will not be guaranteed.
- b. Please keep the actual voltage and frequency consistent with those specified in the Instruction to avoid any potential damage to this product.
- c. When the range hood is used in combination with any non-electrical device, the indoor negative pressure must not exceed 4Pa (4 × 10-5 bar) (for German market).
- d. Tempered glass is used in this product. Due to the tempering principle, there is an extremely small probability that the glass may explode. In case the glass explodes due to reasons other than improper usage, our company will provide this accessory free of charge. As the probability of the tempered glass breakage may significantly increase under the following circumstances, please do not: knock on the glass (particularly four corners of the glass) with a cooker or other hard objects; hit the glass when opening the cupboard door near the range hood; and expose the glass to an environment that is too cold or too hot, or one that drastically alternates between hot and cold.

## **Method of Use**

## Main Technical parameters

#### Electrical parameters

| Model     | Voltage/frequency | Total input power | Motor power | LED lamp power |
|-----------|-------------------|-------------------|-------------|----------------|
| AMG9007-i | 220~240V/50Hz     | 268W              | 258W        | 10W            |



#### **Exhaust Performance parameter**

| Model              | AMG9007-i      | Product size     | 897mm(L)×317mm(W) ×981mm(H) |           |  |
|--------------------|----------------|------------------|-----------------------------|-----------|--|
| Maximum static(Pa) |                | 990              |                             |           |  |
|                    | Shift          | Auto Turbo speed | High speed                  | Low speed |  |
| Ai                 | r volume(m³/h) | 1390 ※           | 900                         | 770       |  |
|                    | Noise(dB(A))   | 55               | 46                          | 42        |  |

Notes: a.1390×: This product is intelligent. When the exhaust resistance of the product is greater than the set resistance, the maximum air volume in automatic cruise pressurized mode can be up to 1390m³/h.

- b. The indicated noise value is sound pressure level, and the sound power level are 54 dB(Low-speed), 58 dB(High-speed), 67dB(Auto Turbo-speed).
- c. Air volume is tested in accordance with IEC 61591-2010 standard, and noise tested in accordance with IEC 60704-3-2006 standard.
- d. Such parameters as air volume and noise may have a deviation of less than 5%.

## Operation instruction

Let's get familiar with the control screen of the range hood

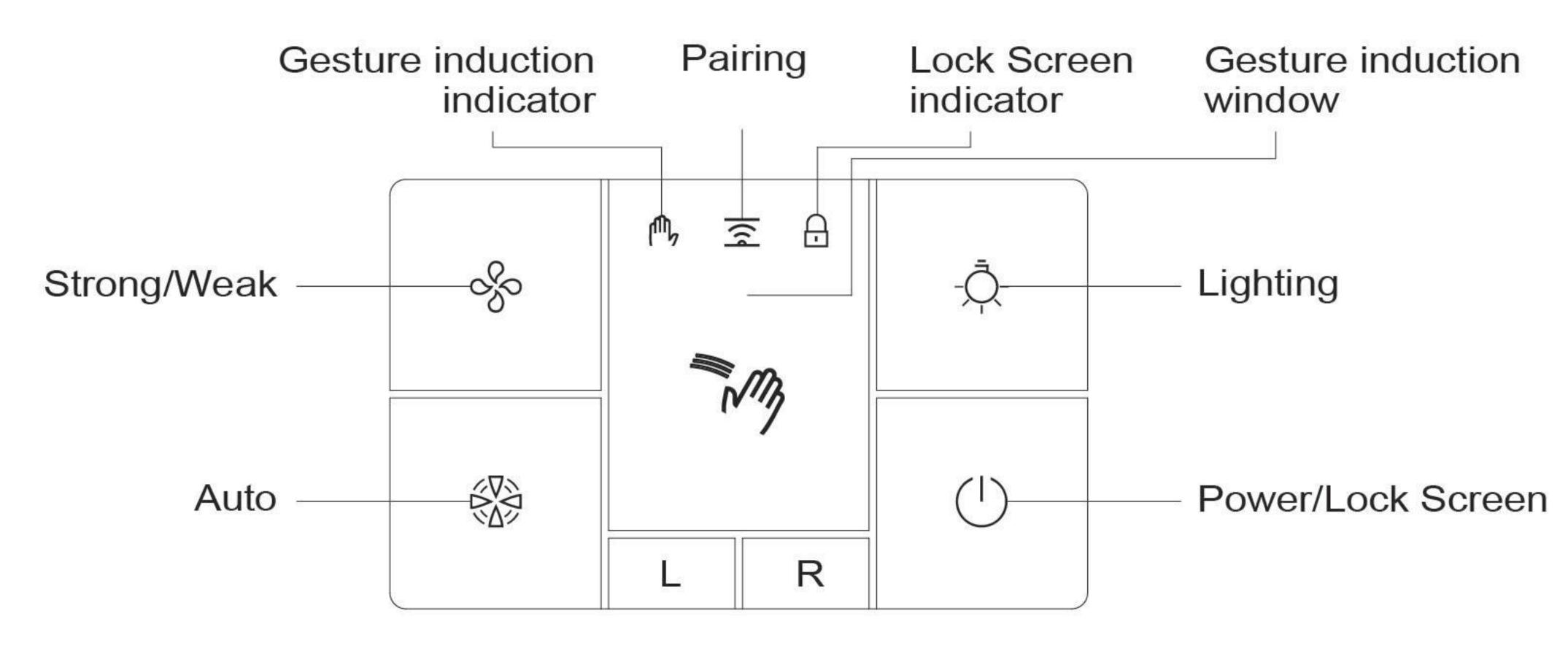


Fig.1 Control Interface of Range Hood

- O Power/Lock Screen button
  - 1. Press the "Power/Lock Screen" button, and it will light up.
  - 2. Press the "Power/Lock Screen" button, and it will flash and start the delay state. The fan and LED lamp will close 2 minutes later.
  - 3. In the delay state, press the "Power/Lock Screen" button again, and the fan and LED lamp will close.
  - 4. In the delay state, press other function buttons, and the delay state will finish. The corresponding functional status will be started.

- 5. If only the LED lamp lights up, press the "Power/Lock Screen" button, it will flash and start the delay state. LED lamp will close 2 minutes later.
- 6. After the user presses the "Power/Lock Screen" button for 3 seconds, the "Lock Screen Indicator" ⊕ will light up, the "Power/Lock Screen" button will flash, the fan will be closed, and the screen will be locked. After the user presses the "Power/Lock Screen" button again for 3 seconds, the screen will be unlocked.

Notes: a. Both the button operation and the gesture induction will not work when the screen is locked.

b. If there is no operation for 2 minutes in the standby state, the range hood will shut down automatically.

## ■ ¬ ¬ Lighting button

Press the "Lighting" button, the "Lighting" button and the "Power/Lock Screen" button ① will light up, and the LED lamp will light up. After the user presses the "Lighting" button again, the LED lamp will close. The user can also press the "Power/Lock Screen" button ① , and the "Power/Lock Screen" button ① will flash and start the delay state. The LED lamp will close 2 minutes later.

Notes: After long-pressing the "Lighting" button, the user will hear a "beep" sound. And then, the user can successively switch the illuminating brightness in 3 gears. The LED lamp can memorize the regulated illuminating brightness and will, in the next operation, maintain the regulated illuminating brightness by default.

#### "Auto" button

Press the "Auto" button, the "Auto" button and the "Power/Lock Screen" button will both light up, and the range hood will operate under the "Auto" mode.

Notes: The range hood can adjust the gears automatically according to the flue resistance, and the "Auto" button brightness will change accordingly. The higher the brightness, the higher the gear.

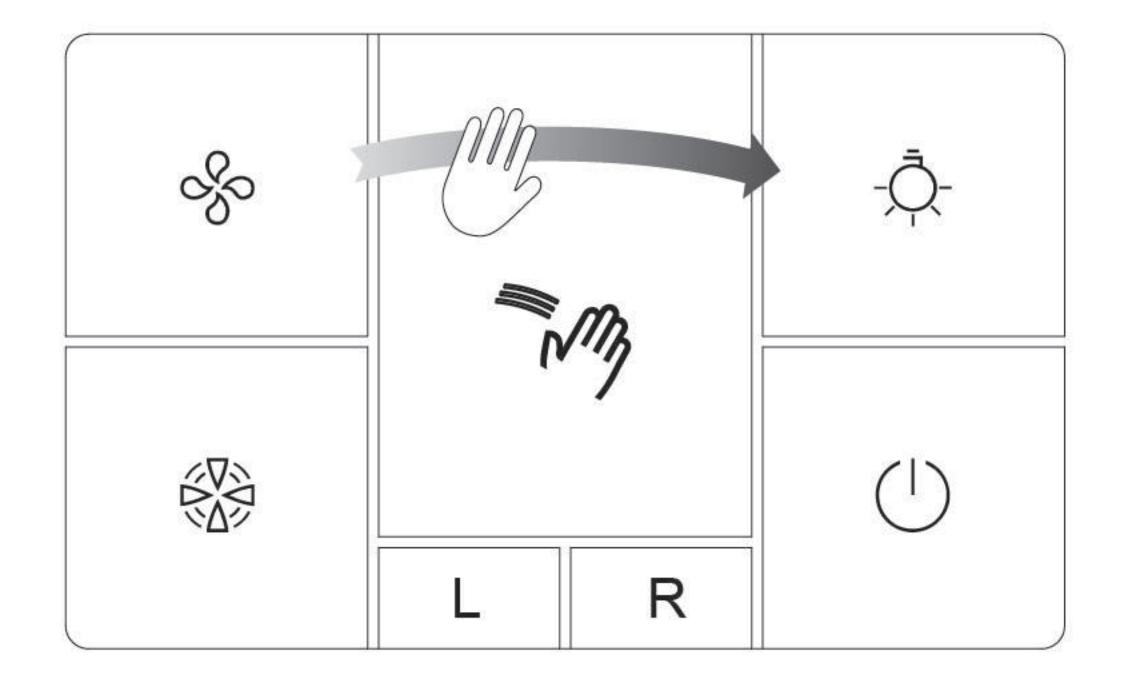
#### "Strong/Weak" button

Press the "Strong/Weak" button, the "Strong/Weak" button and the "Power/Lock Screen" button () will both light up, and the range hood will operate under the "Strong" mode. And then, the user can press it again to switch to the "Weak" mode and the button brightness will reduce. If the user presses it again, the fan will close.

#### Gesture induction

- 1. The user can wave his/her hand quickly through the induction window to start up the "Auto" mode and the LED lamp. When the user waves his/her hand quickly through the induction window again, the fan and the LED lamp will be shut down.
- 2. The function of gesture induction is on by default and the indicator \(\mathbb{\hat}\) is normally on. The user can press both the "Lighting" button \(\frac{\dagger}{\phi}\) and the "Strong/Weak" button \(\frac{\dagger}{\phi}\) for 10 seconds to start/close the gesture induction. The indicator \(\mathbb{\hat}\) will go out as soon as this function is closed.





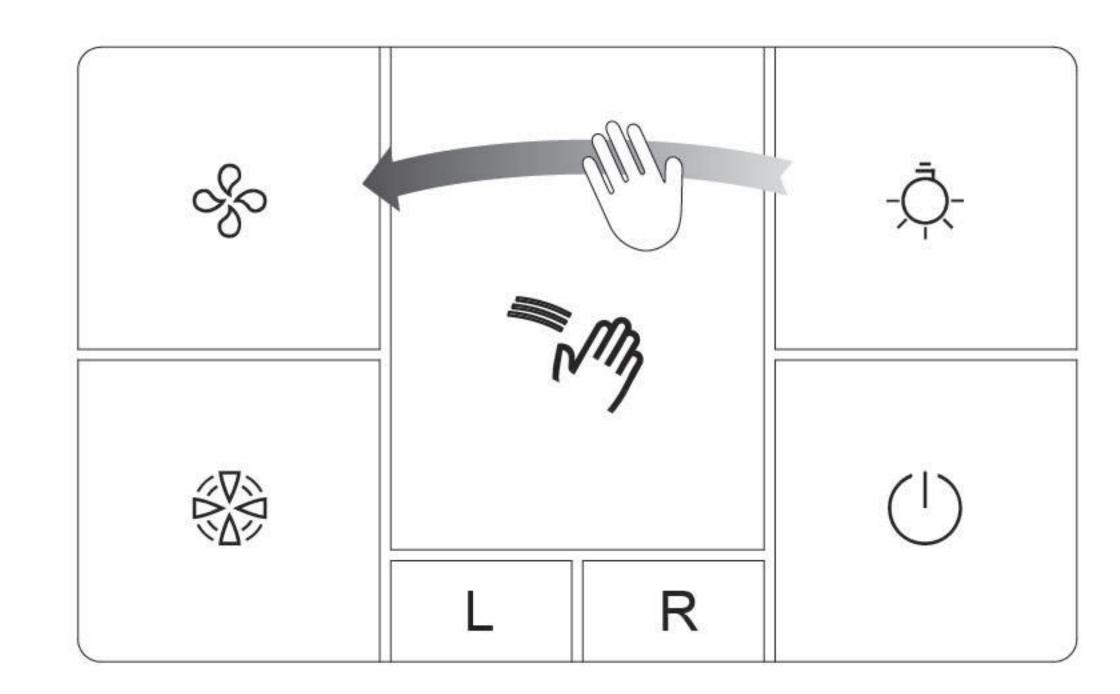


Fig.2 Schematic Diagram of Gesture Induction

- L/R (left strong/right strong)
  - 1. In the initial state, the left and right sides of the range hood have the same suction and the air intake guide plate is fully open.
  - 2. In the fan operating state, when the user presses "L" button (left strong button), the right guide plate will roll over and the left side of the range hood will be under the strong mode. In this process, "L" button will flash at first and become normally open. (Same for the right strong button, i.e. "R").

Note: a. L/R button is invalid when it flashes.

b. Its memory function can maintain its pre-shutdown state in the next operation.

## Instructions on integrated control of range hood and hob



If you have purchased FOTILE Range hood AMG9007-i, and Gas Hob which have ganged function at the same time, you can enjoy their ganged function!

#### Specific operation method is as follows:

- 1. Code-matching connection (code-matching connection between range hood and gas hob is required before their interaction).
- (1) Plug in the power cable connector of the range hood. Install the gas hob battery (power supply). Make sure that both left and right knobs are in the closed state at the same time.
- (2) Press both "Power" button and "Lighting" button for 10 seconds, the indicator will flash. When the hob is ignited, after you hear a beep, the indicators light will be always on at the same time, indicating that the code matching is completed.
- ⚠ Caution: If the electronic control board of your range hood or hob is repaired or replaced, please perform code matching again by repeating the above operation!
- After code matching is successful, the ganged function of the range hood and the gas hob can be realized:
  - When the gas hob is started, the range hood will be automatically turned on and runs in the automatic mode, and the LED lamp will be on at the same time.
  - When the gas hob is turned off, the range hood will automatically shut down 2 minutes later.

- 3. Releasing the ganged function: make sure that the two knobs of the hob are in the 'Off' state, press both 'Power' button and 'Lighting' button at the same time for 10 seconds; after the indicator light flashes, immediately press the power button to turn off the range hood, thus the ganged function is released. After the ganged function is released, press the 'Power' button to turn on the range hook, and the icon indicator will be off.
- ♠ Caution: To ensure the normal operation of the ganged function between the range hook and the hob:
  - (1) After the code matching is completed, the first ignition of the hob shall be carried out after 30 seconds.
  - (2) The interval between hob ignitions must be longer than 30 seconds.
  - (3) Code matching and release of the ganged function must be performed within 1 hour after the range hood is powered on; If code matching and release of the ganged function cannot be triggered, please unplug the range hood, wait 2 minutes and plug it in again, and then proceed as described above.
- 4. After code matching is successful, the left/right strong suction function of the range hood interacts with the status of left and right burners of the hob, that is, when the left burner is turned on, the range hood will automatically trigger the left strong suction function. The same applies to the right side. If both left and right burners are used, the left/right strong suction function of the range hood is disabled, and the baffle plate remains fully open. If you want to separately turn off the ganged function between the left/right strong suction of the range hood and left and right hob burners, after press the 'Power' button, immediately press both left and right strong suction buttons for 10 seconds; when the buzzer beeps, the separate shutdown is completed. Repeat the same operation or cut off the power of the range hood to re-enable the function.

#### Cleaning and Maintenance

## ⚠ Warning:

- There will be a risk of fire if the range hood is not cleaned as specified in this manual.
- To avoid electric shock, ensure the power cable is unplugged before cleaning and maintaining the range hood.
- Make sure that no water gets into the electrical parts such as the motor or control buttons during cleaning.
- Do not put your hand into the fan operating area during operation of the fan.
- Do not use such solvents as gasoline and benzene or such corrosive chemicals as strong alkali and strong acid for cleaning the range hood.

For comfortable use, please clean the surface and oil cup of the range hood frequently. Cleaning the surface and oil cup of the range hood frequently will facilitate its normal use.



#### Cleaning the surface of the range hood

Marning: When cleaning, please do not use such rough items such as cleaning balls, brushes or coarse cloth to protect the surface of machine body from scratches.

- 1. Clean with neutral soap or neutral detergent, and dry the surface of machine body with a soft cloth after cleaning.
- 2. Use neutral detergent to clean any stubborn dirt on the surface of range hood. Drop detergent onto the dirty area and leave it for a while, wipe off the dirt with a soft cloth, remove the detergent with a slightly damp towel, and then wipe the surface of the range.
- 3. Do not allow stains to remain on the surface of the range hood for too long.
- 4. If the stainless steel surface is accidentally stained with saline solution, disinfectant, bleaching powder or other detergents (most of the solvents contain harmful chemical components), immediately wipe it with wet cloth and then wipe it dry with a dry cloth.

## Cleaning the oil cup

Hold both ends of the oil cup with both hands; keep the oil cup level; move it out slowly toward the front direction of the range hood; and take down the oil cup and then drain off the accumulated oil.

★ It is recommended to wipe the outer surface of the range hood after each use.

#### Cleaning the panel/air intake: (can be operated by the user)

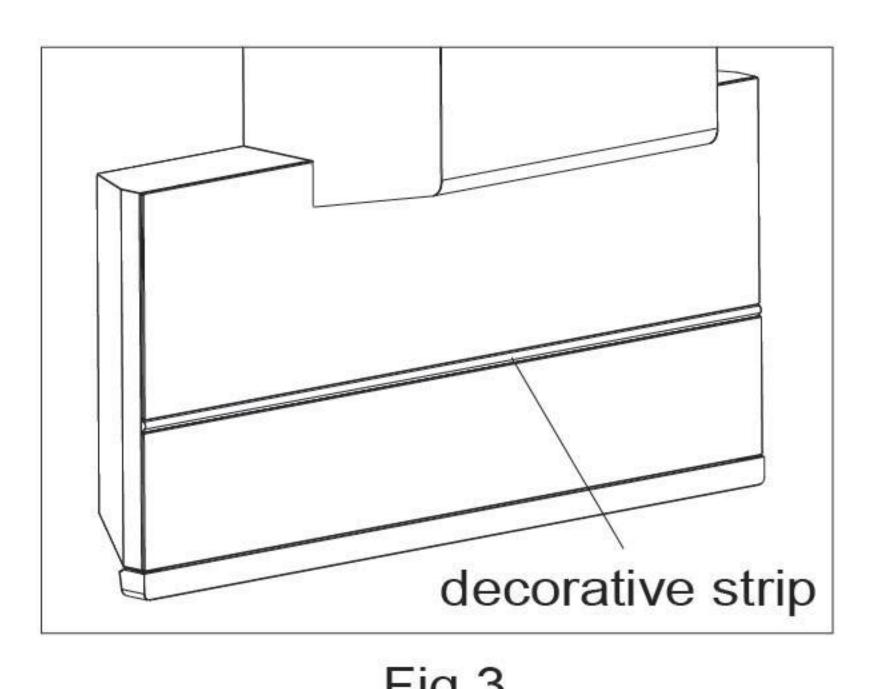
- 1. Please lock the screen before cleaning the panel:
  Press the "Power/Lock Screen" button () for 3 seconds to lock the screen; press the "Power/Lock Screen" button () for another 3 seconds to unlock the screen.
- 2. Please close the fan before cleaning the air intake:

  Press the "Auto" button . When the smoke baffle plate is fully opened, press "Auto"

  again to close the fan; keep the smoke baffle plate open; and then, press the "Power/Lock Screen" button . for 3 seconds to lock the screen before cleaning the air intake.

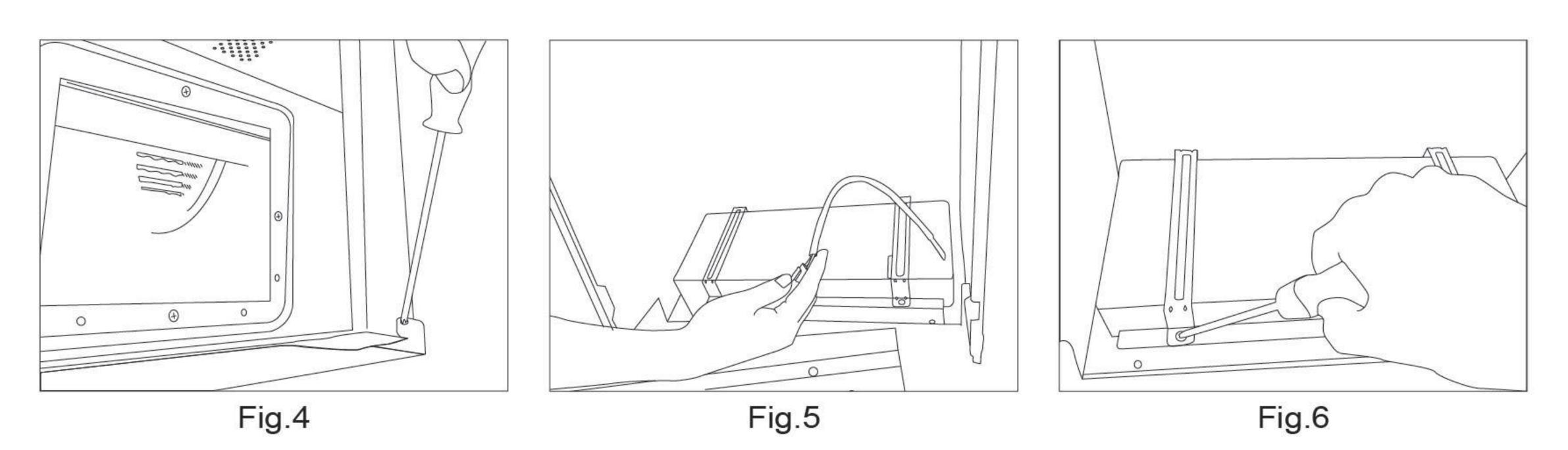
## Wiping the decorative strip

To avoid surface corrosion, please do not wipe the decorative strip with any strong-acid or strong-base cleaning agent. It is recommended to scrub it with neutral soap or neutral detergent.



### Replace LED lamp

- 1. Take the decorative cover down from the cover hook(Fig.4) and slowly place it on the fan frame.
- 2. Loosen two fastening screws of the fan cover with a cross screwdriver; hold the left and right ends of the fan cover with both hands and move it upward; detach the fan cover from suspender buckles on both sides of the fan frame; and disconnect connectors inside the fan cover (e.g. LED lamp connector) to remove (Fig.5)the fan cover and the decorative cover.
- 3. Loosen both screws of the depression bar with a cross screwdriver to remove the LED lamp and then replace it accordingly(Fig.6).
- Marning: the LED lamp can only be replaced by professional after-sales service personnel.



## Identification and Troubleshooting of Common Faults

If you find anything unusual during use, please stop using it, unplug the power plug and check the contents:

| Fault Symptoms                                     | Possible Reason  | Repair Method   |  |
|--|------------------|---|--|
| After the switch is turned on, both the range hood | Not powered on   | Check whether the power plug is properly plugged in                 |  |
| and the LED lamp fail to work                      | Not powered on   | Check whether the socket has power                                  |  |
| Motor rotates but the LED lamp is not on           | LED lamp damaged | The after-sales service personnel shall replace the LED lamp        |  |
| Noise of mechanical vibration                      | Loose screws     | Check whether the screws on the surface of the range hood are tight |  |



| Fault Symptoms | Possible Reason  | Repair Method  |
|----------------|--|--|
| Poor suction   | Installation distance between the range hood and the stove surface is too large                        | Lower the installation height of the range hood (this operation must be carried out by a maintenance professional) |
|                | There is too much ventila-<br>tion and convection in the<br>doors and windows around<br>the range hood | Reduce ventilation or close some doors or windows  |
|                | The check valve is stuck (not fully opened)  | Clean or replace the outlet housing  |
| Too much noise | Sinking deformation of the exhaust duct surface  | Re-install the exhaust duct  |

## Disclaimer

- 1. Replace the LED lamp and contact Fotile authorized service center.
- 2. If the range hood still does not function normally after the above troubleshooting, please contact the Fotile authorized service center center.
- 3. The following information shall be provided during the warranty period.:
  - a) Date of purchase
  - b) Product model
  - c) Serial number (please see P2 for specific location)
  - d) Relevant vouchers for purchase
- 4. Personnel from non-Fotile authorized service center are not allowed to repair the range hood to avoid serious consequences. Otherwise, the product will not enjoy warranty service.
- 5. Free warranty will not be provided in the following circumstances:
- a. Damage resulting from improper handling, installation, use, maintenance and safekeeping conducted by the customer.
- Failure and damage caused by using the product beyond the normal operating conditions (damage caused in the case that the voltage is higher than 264V or lower than 206V)
- c. The product installed, dismantled or repaired by customer or any party other than Fotile's authorized service staff or agency.
- d. Discrepancy between the information on the purchase voucher and the warranty card and the product.
- e. Product damage caused by a force majeure event (such as natural disaster and war, etc.)
- f. Failure or damage caused due to the user's failure to comply with the Operation Instructions.

#### Installation

## Packing List

|  | Fan assembly  | 1 |                | Chamber assembly   | 1 |
|--|---|---|----------------|--|---|
|  | Oil cup   | 1 | Michigan Hoods | Product instruction<br>manual                              | 1 |
|  | Exhaust duct  | 1 |                | Outlet housing   | 1 |
|  | Foil tape   | 1 |                | Upper gasket   | 1 |
| 600° - 10 | Hook  | 1 |                | Decorative cover<br>hook                                   | 1 |
| FCTIALS  TOTALS  TOTAL | Warranty card   | 1 |                | Expansion pipeφ<br>10×60                                   | 6 |
|  | Cross recessed pan<br>head thread forming<br>screw M4×18  | 8 |                | Cross recessed truss<br>head tapping screw<br>ST3.9×9.5    | 4 |
|  | Cross recessed pan<br>head tapping screw<br>ST2.9×19      | 4 |                | Cross recessed countersunk head wood screw ST4.5×60        | 6 |
|  | Cross recessed truss<br>head thread forming<br>screw M4×8 | 8 |                | Cross recessed countersunk head thread forming screw M4×10 | 4 |
|  | Cross recessed pan<br>head thread forming<br>screw M4×8   | 2 |                |  |   |



#### Installation Warnings

#### Precautions before Installation:

★Special Note: In order to ensure the safe and correct use of this product, the installation and maintenance must be carried out by the service professionals authorized by Fotile. If the product does not function normally due to the installation or repair by customer or any party other than Fotile's authorized service staff, even during the warranty period, it is not within the scope of free warranty.

Please read all the instructions carefully prior to installation. Pay special attention to the following matters:

- 1. If you are decorating your kitchen, please do not leave the range hood exposed: the surface of the range hood will be corroded and lose luster due to building materials, dust, paint, coatings and the gases they volatilize. It is suggested to install the range hood after the kitchen is decorated.
- 2. As this range hood is heavy and has a complex installation procedure, it must be installed according to the instructions in the manual by installation and maintenance professionals authorized by Fotile.
- 3. When cleaning items around the range hood (such as suspended ceiling and cupboard) that may touch the range hood, please wear protective gloves and take other protective measures to prevent injuries or scratches.
- 4. Please be careful not to damage wires and other hidden equipment when drilling holes in the wall. The power supply cannot be switched on during installation, and the power should be turned off in the main power box.
- 5. A dedicated power socket which is reliably grounded must be used for the range hood. Electric shock, plug and socket heating and fire may easily occur when the power cable is connected in the middle, or if extension lines or multiport wiring devices are used. Please ensure that the operation is carried out by a professional electrician and in strict accordance with the power regulations of all applicable countries and regions: before wiring, please turn off the power supply and take reasonable measures to prevent the power supply from being automatically connected.
- 6. If the gas stove needs to be moved before installing the range hood, please close the main gas valve first.
- 7. The wall on which the range hood is installed should be sufficiently strong.
- 8. In order to ensure safety and smooth installation, during the installation of the expansion tube, there must be tight coordination between the expansion tube and the hole in the wall. It is strictly prohibited to drill too much, so as to prevent the expansion tube from getting loose and accidentally falling.
- 9. To avoid fire hazards and keep the air fresh, the exhaust duct of the exhaust type range hood must be connected to the outdoor to discharge the exhaust gas.
- 10. Please do not discharge the exhaust gas into the wall, loft or garage.
- 11. It is not permitted for the exhaust gas discharged from the range hood to be discharged into the hot flue for burning gas or other fuel.
- 12. Try to ensure the fuselage remains horizontal during installation.
- 13. Confirm there are no abnormalities found in the trial operation upon installation. Please read the manual carefully and keep it for future reference.

#### Wall mounting:

The wall onto which the range hood is to be installed should be solid. For the hollow wall, the solid layer of the polypropylene hollow sheet should have a thickness of more than 30mm. For the concrete wall, mounting holes can be directly punched. The complete range hood must be firmly mounted on the wall.

#### **Product Dimensions**

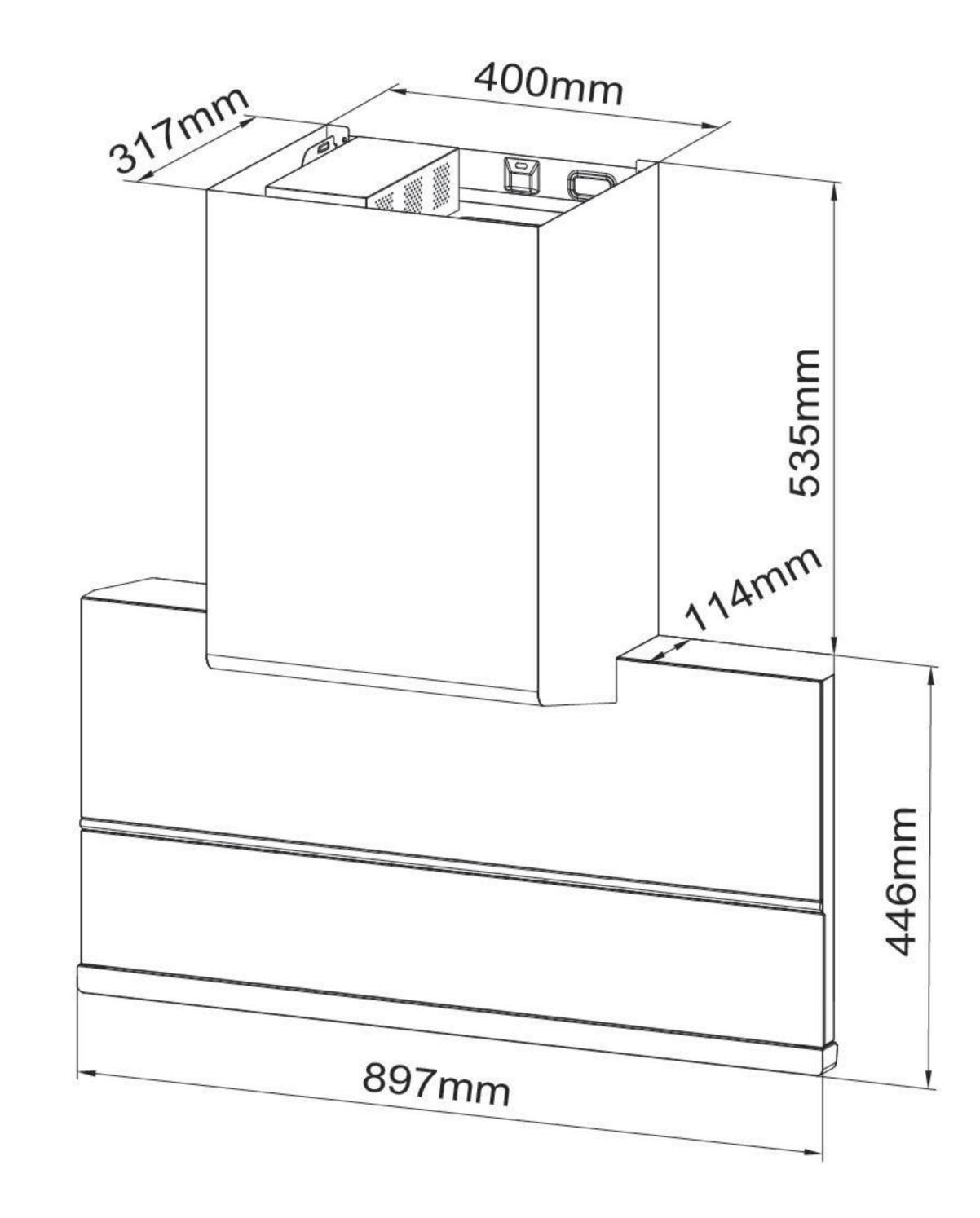


Fig.7 Product Basic Conditions

#### Installation Recommendations

#### Installation position

- The range hood can only be installed in domestic kitchens, please do not use it in other situations.
- The range hood must be installed above the cooking range and kept level.
- The temperature of the surrounding environment of the range hood cannot exceed 40°C.
- The installation wall shall be noncombustible, and it is strictly forbidden to install on such flammable walls as those made of wooden wall.

Range hood and cabinet installation diagram (unit:mm)

Hole size of ceiling or cabinet

# Φ180 518.5 897

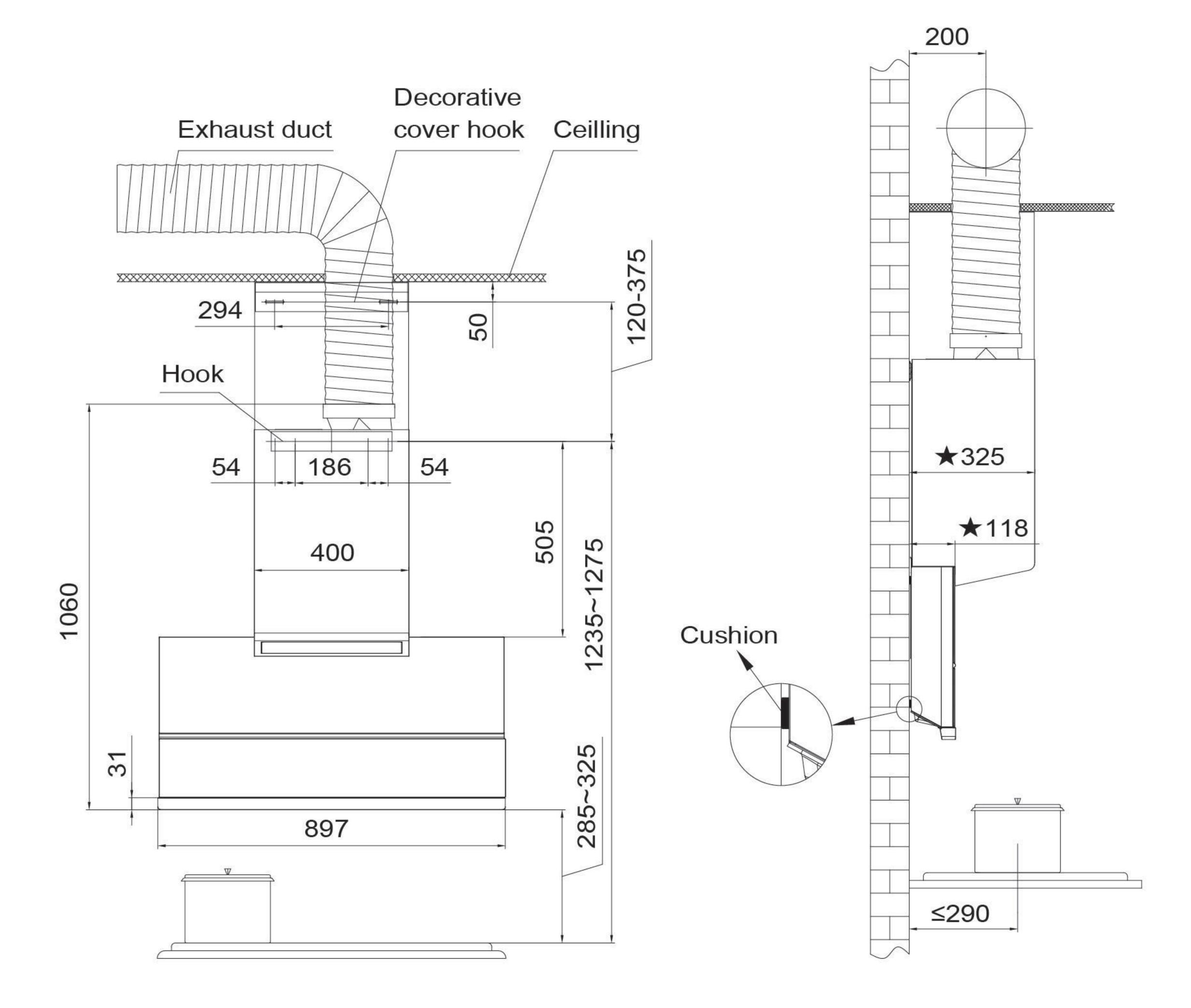


Fig.8 Installation Diagram

(\*\pmiindicating the distance to the wall)



- 1. The space reserved between the cupboard and the range hood on both sides shall be greater than or equal to 5.
- 2. The 400 in the figure is the dimension of the fan cover. If it is needed to install the cupboards on both sides of it, the spacing between fan cover and the cupboards shall be greater than 420 to facilitate installation/dismantling.
- 3. The 120-375 in the figure refers to the dimension adjusting range during the decorative cover installation.
- 4. To ensure the suction performance, the hob punching positions and sizes shall be determined appropriately. The distance from the center of the hob burner to the wall shall be less than or equal to 290 (optimal distance).
- 5. This installation height in the figure is only applicable to the electric cooker. The installation height of the range hood is the recommended value. The diagram of the collocation between the cupboard and the range hood is for reference only. If the range hood is installed above a gas range, the minimum distance between the supporting surface of the cooking appliance on the range and the lowest part of the range hood should be at least 600mm. The installation height of the range hood is the recommended value, and the cupboard and the range hood shown in the figure is for reference only. When the installation height of this product (i.e. the distance between the supporting surface of the cooking appliance on the range and the lowest part of the range hood) is lower than 600mm, all parts below 600mm are non-flammable parts of the range hood or parts working under safe and ultra-low voltage, and the deformation of these parts will not affect the protection against the touch of live parts. (If relevant laws in the region stipulate the installation height of range hood, it is recommended to abide by relevant laws, but the oil smoke suction effect of the product may be affected to some extent.)

#### Precautions before Installation

- Warning: In order not to cause damage to the range hood, please make sure that no sundries enter the exhaust outlet.
- 1. To estimate the position of the exhaust duct from the range hood to the outside, refer to the installation diagram.
- 2. A straight short exhaust duct will make the smoke exhaust of the range hood more effective.
- 3. Try to avoid using an exhaust duct that is too long and has many bends, which will affect the smoke exhaust effect of the range hood.
- 4. The connection between the exhaust duct and the wall hole shall be tightly sealed with pipe adhesive tape. The exhaust duct must also be firmly connected to the exhaust hood
- 5. If the hole in the wall hole is too small, the smoke exhaust effect shall be affected. To ensure safety, it is recommended the hole is expanded to the original size of the exhaust duct.



#### Tool preparation

The following tools are required for installation of this range hood

- (1) Electric impact drill (with drill φ 10)
- (2) Phillips screwdriver

(3) Wire pliers

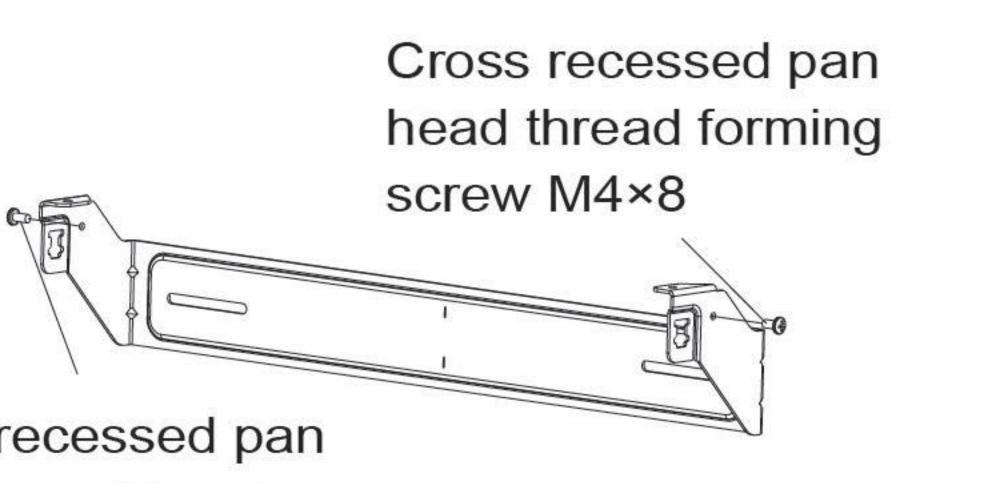
(4) Tape measure

(5) Spirit level

(6) Glass cement gun

## Installation Steps

- 1. The impact drill shall be equipped with φ10mm impact drill bits for standby.
- 2. Determine the impact drill positions on a solid wall as per Fig. 8; drill holes accordingly; install the expansion tubes firmly. Fix 2 M4×8 pan head tapping screws on both sides of the decorative cover hook (2mm reserved between the screw head and the decorative cover hook, as shown in Fig. 9); fix the hook and the decorative cover hook on the wall with 6 ST4.5×60 wood screws; and take note that the front end of the decorative cover hook can be fixed to the ceiling with 2 ST3.9x9.5 tapping screws (as shown in Fig. 10 and Fig.11).



Cross recessed pan head thread forming screw M4×8

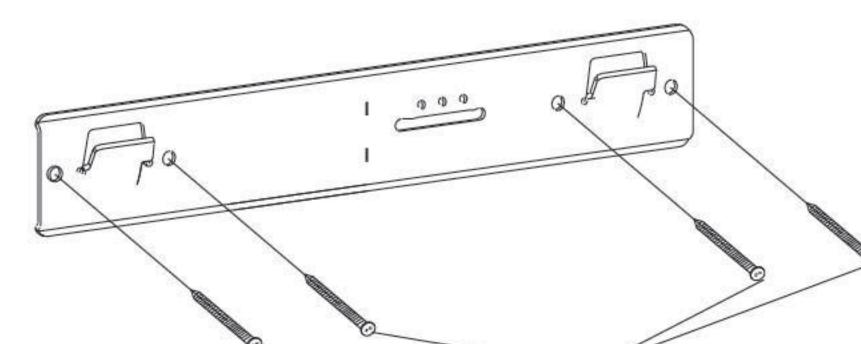
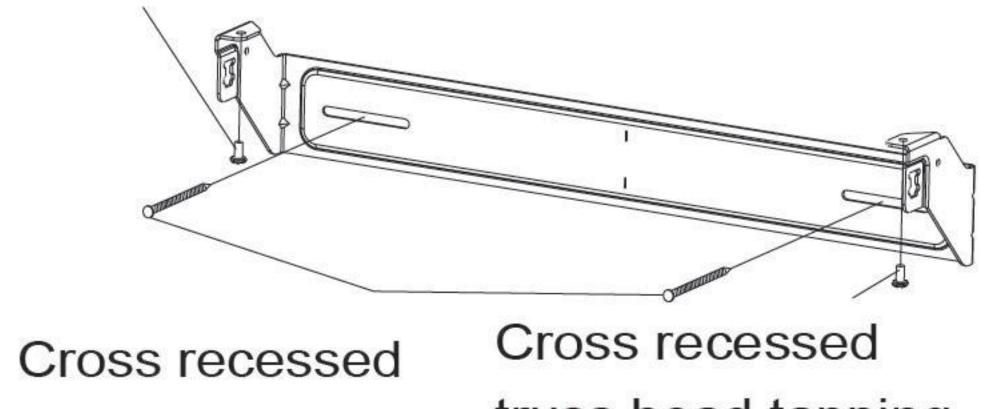


Fig.10

Cross recessed countersunk head wood screw ST4.5×60

Fig.9

Cross recessed truss head tapping screw ST3.9×9.5



countersunk head wood screw ST4.5×60

truss head tapping screw ST3.9×9.5

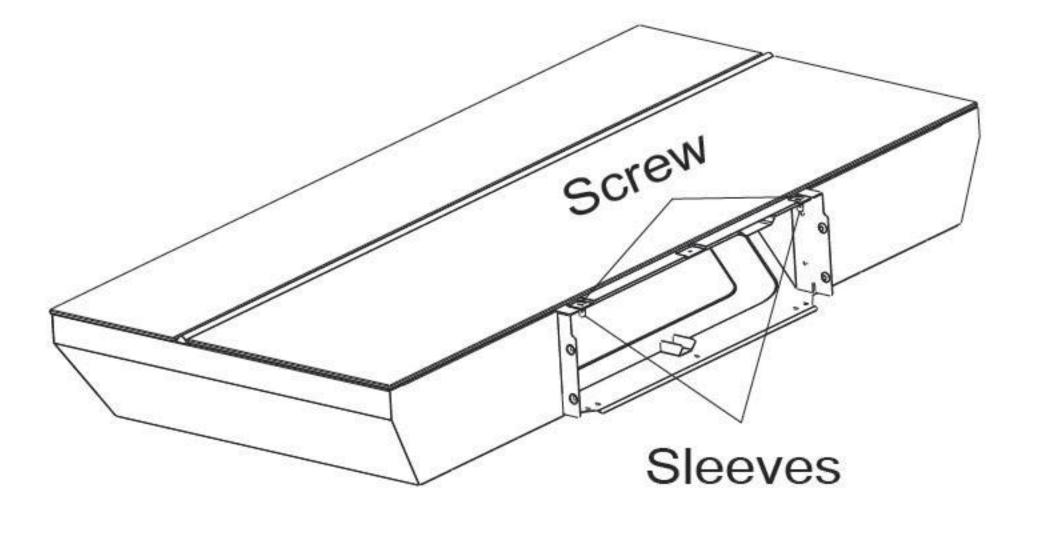
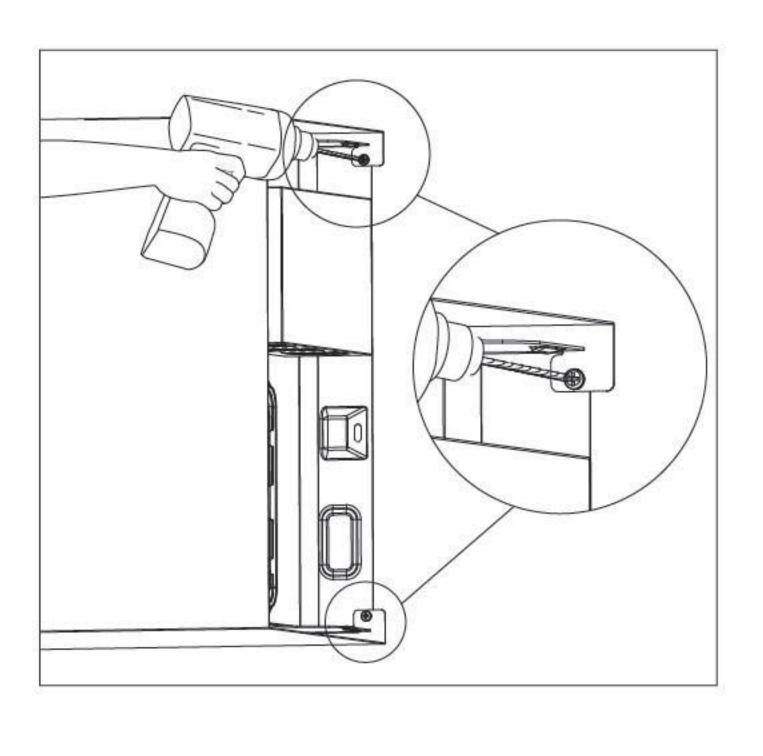


Fig.12

- 3. Place the chamber of the range hood horizontally; remove 2 top screws and sleeves under these screws (as shown in Fig. 12); remove the connector lug of the connection wire stuck inside the chamber and place it on the outside of the chamber assembly.
- 4. Take out the fan assembly; remove two fastening screws on the fan cover (on both ends of the top of the fan frame) with a cross screwdriver; and take out the fan cover and the decorative cover (as shown in Fig. 13).
- 5. Place the fan system of the range hood inside the chamber assembly along the fan frame support, until reaching the bottom of the fan frame support (as shown in Fig. 14).



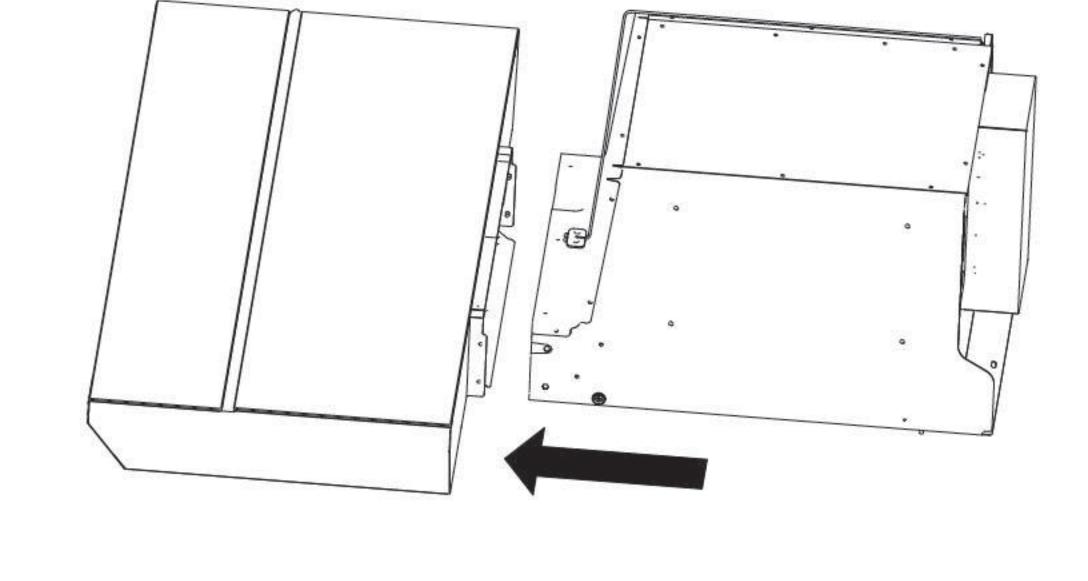
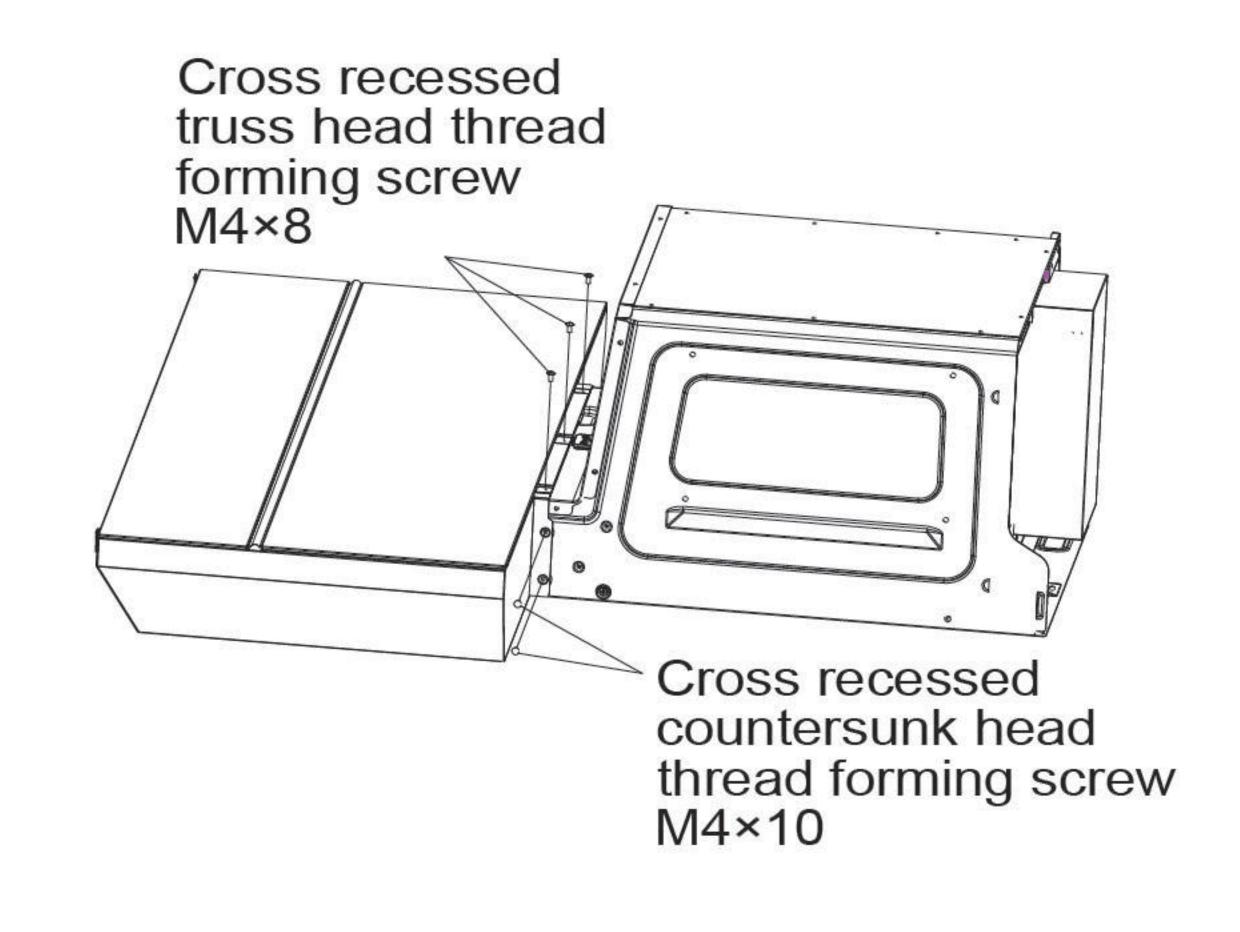


Fig.13

Fig.14

6. Connect the fan frame with the left and right sides of the chamber with 4 M4×10 countersunk head tapping screws; connect the fan frame with the front side of the chamber with 3 M4×8 truss head screws (as shown in Fig. 15); place the range hood vertically and connect the fan frame with the rear side of the chamber with 3 M4×8 truss head screws, and finish the assembling of the main body (as shown in Fig. 16).



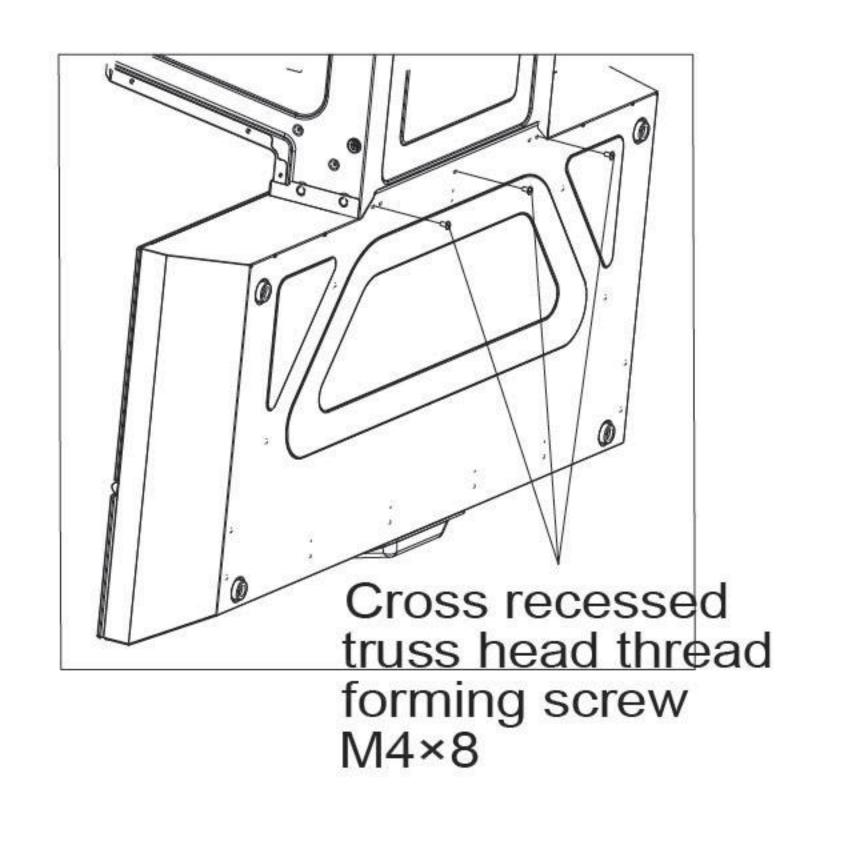
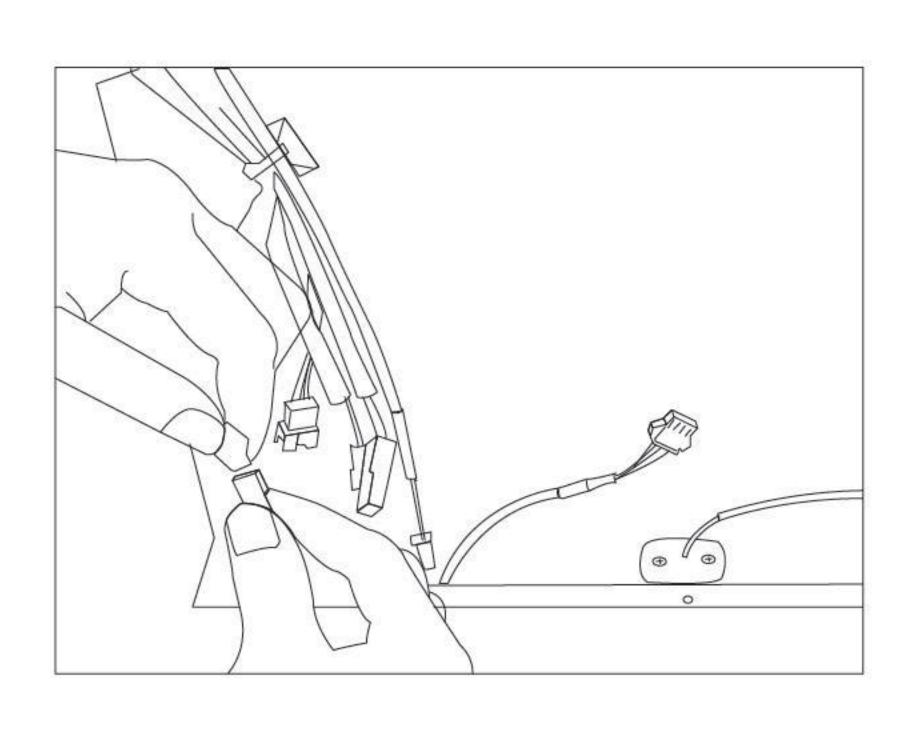


Fig.15



- 7.Connect the switch and push rod connectors (Only connect the white connector, the red connector is temporarily disconnected) (as shown in Fig. 17).
- 8.Fix the outlet housing and the sealing rings to the air outlet of the main body with 8 M4×18 screws(as shown in Fig. 18).



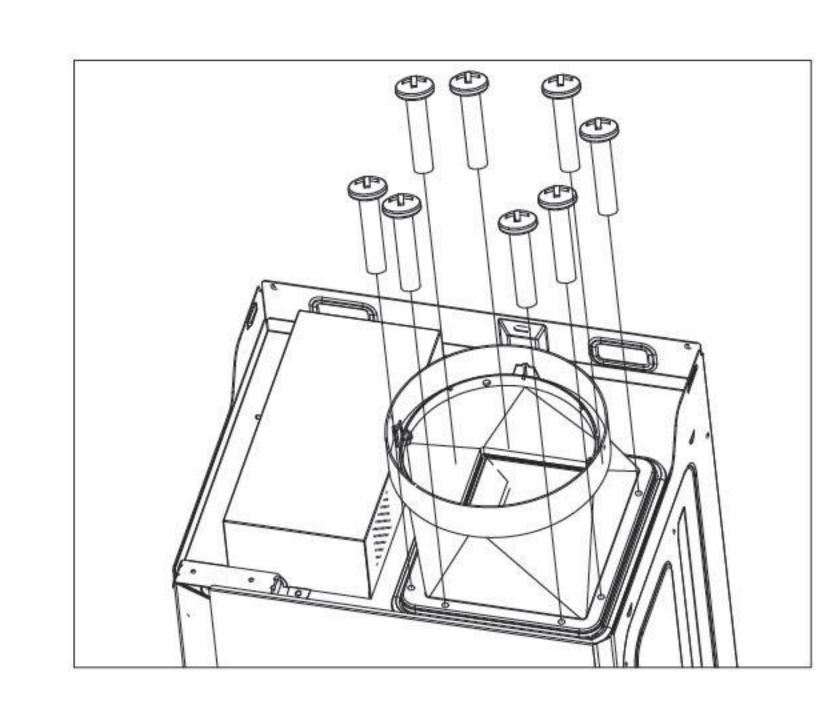
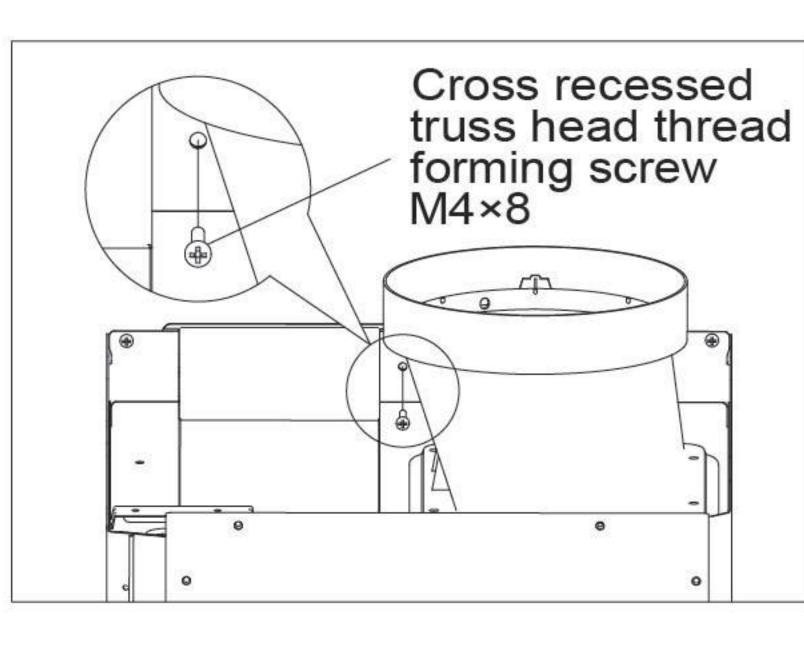


Fig.17

Fig.18

- 9. Install the exhaust duct as shown in Fig. 8; check and ensure that the duct wall is not bulged or shriveled and that the bend is flexible; tightly seal off the junction between the exhaust duct and the wall to avoid reverse smoke; and check and ensure that the check valve blades can rise and fall without obstruction.
- 10. Firmly hang the main body and keep it free from any skewing in the front view; ensure that the body is attached to the wall in the side view, with a very small clearance between the body and the wall.
- 11. Connect and fix the fan frame to the hook with M4×8 tapping screws (as shown in Fig. 19).



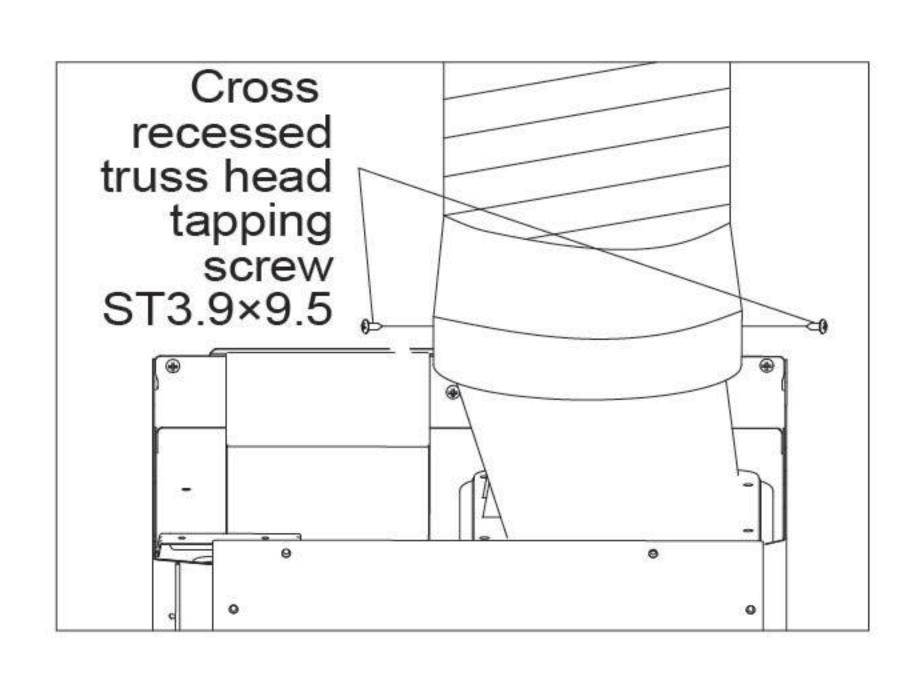
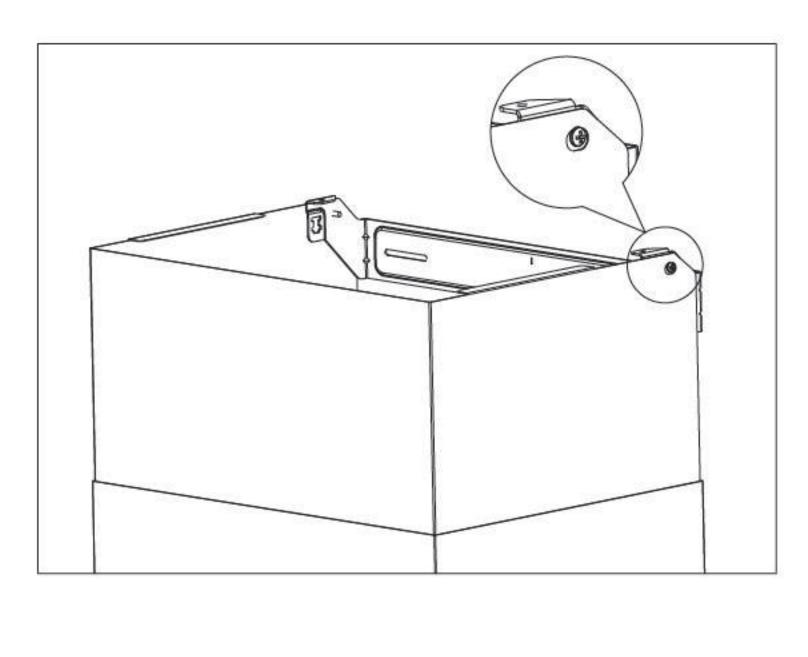


Fig.19

Fig.20

- 12. Fix the exhaust duct on the outlet housing with 2 ST3.9x9.5 tapping screws and then wrap it with foil tapes(as shown in Fig. 20).
- 13. Insert the power plug of the main body into the power socket; press the "Auto" button \$\oinsigma\$; when the smoke baffle plate is fully opened, press "Auto" button \$\oinsigma\$ again; close the fan and keep the smoke baffle plate open; and take out the limit foam of the guide plate, press the Power button to switch off, and pull up the power plug of the main body.
- 14. Connect the small motor connectors (Red connector).
- 15. Insert the power plug of the main body into the power socket again.

- 16. Installation of fan cover and decorative cover:
  - 1) Place the decorative cover into the fan cover.
  - 2) Take up the fan cover and decorative cover simultaneously; place them in front of the chamber; connect the LED lamp connectors.
  - 3) Take up the fan cover and decorative cover vertically; make the rear side of the fan cover 10mm ~ 15mm higher than the chamber shoulder; push the fan cover and decorative cover in parallel to the wall; and insert the fan cover into two suspender buckles on the side of fan frame.
  - 4) Fix the fan cover with the fan frame with 2 M4×6 screws (as shown in Fig. 13).; Take up the decorative cover and place it on the decorative cover hook; fasten the silver M4×8 tapping screws on both sides of the decorative cover hook (as shown in Fig. 21).
- 17. Install the oil cup(as shown in Fig. 22).



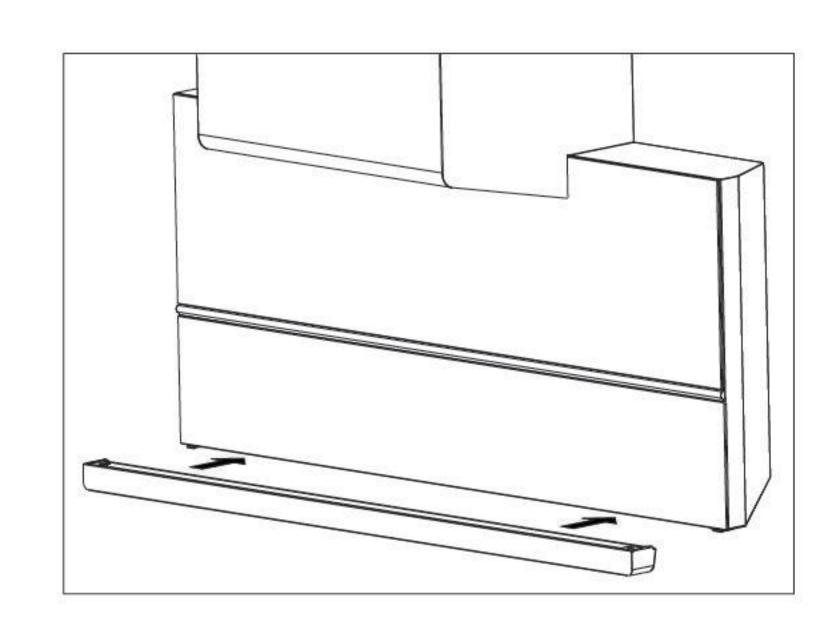


Fig.21

Fig.22

Caution: a. Keep the range hood level during installation.

b. Select the drill bit according to the conditions of the drilling position.

#### Commissioning after Installation

- l. Slightly press the "Lighting" button -Ō-.
- 2. Slightly press the "Strong/Weak" button % or "Auto" button % to check whether the motor rotates normally. In case of any of the following conditions, shut it down and power off immediately, and check whether the abnormality is caused by improper installation (if it is determined that the range hood malfunctions, please call Fotile authorized service center).
- (1) The main body vibrates severely.
- (2) The expansion tube becomes loose.
- (3) The impeller does not rotate.
- (4) There is an obvious friction sound when the impeller rotates.
- (5) The motor produces an abnormal sound.



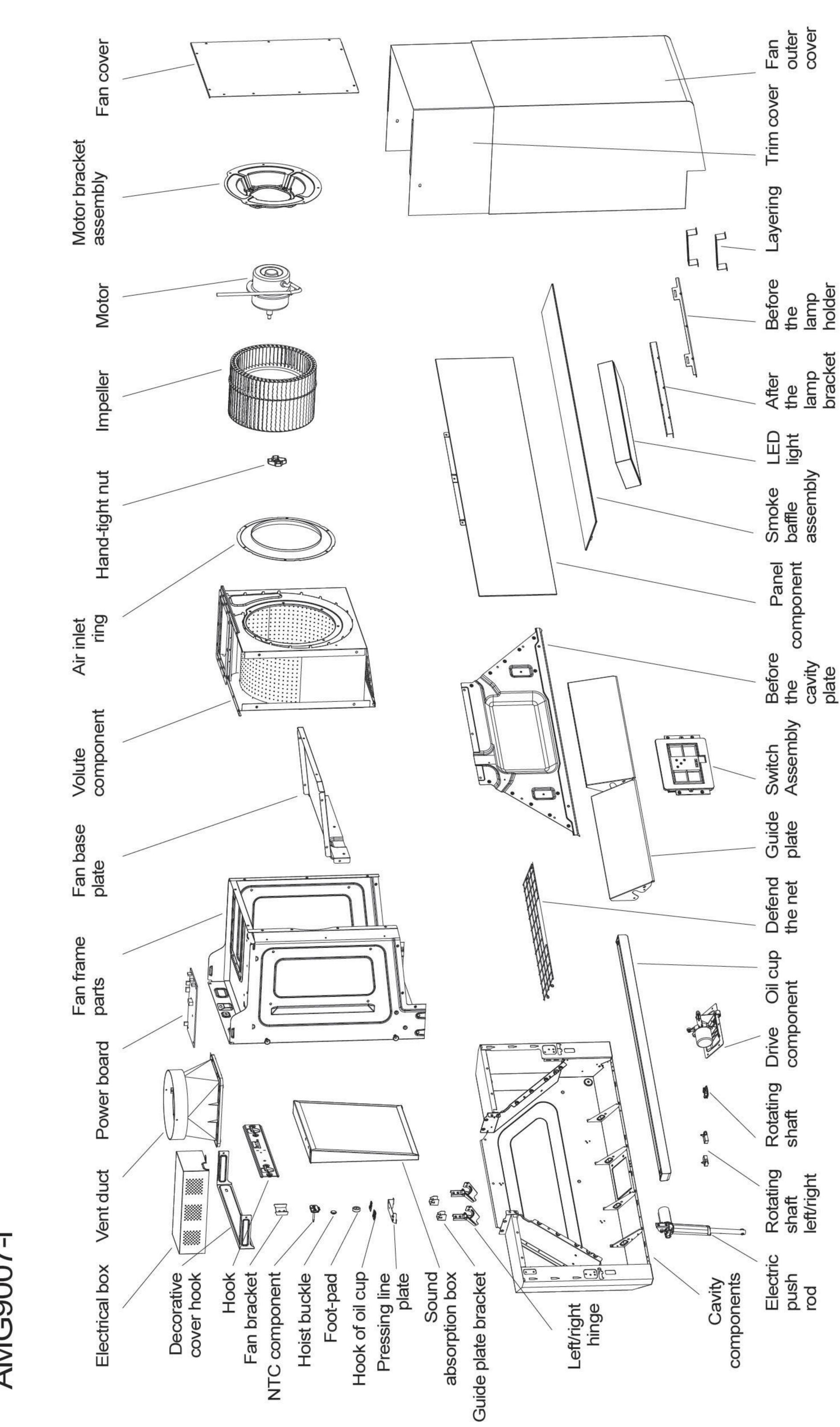
- Slightly press Power/Lock Screen button (1) to stop the fan and close the smoke baffle.
  - (1) If the power supply cord is damaged, it must be replaced by professionals from the manufacturer or its repair department or similar department to avoid any hazard.
  - (2) The room must be well ventilated when the range hood is used in combination with the gas stove or other fuel stoves.

## Correct Disposal of this product



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

## **Explosive View**



AMG9007