

FOTILE

RANGE HOOD

User Manual | EMG9030

Please read carefully about the user manual before using the product.
And keep it well after reading, for future reference.

NINGBO FOTILE KITCHEN WARE CO., LTD.

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1101000917760

Honorable guest, thank you for your choice of FOTILE products. Please read through the manual to be familiar with the correct operation norms and enjoy the cooking.

FOTILE promise is making our home better. It is our duty to let you satisfy with FOTILE products. Please read the user manual carefully before using it, and operate it complying with the manual requests. The manual description is important to keep the product a good working condition. And you will lose the free warranty right if the product is failed to use due to your improper use, thus any direct or indirect free warranty certificate will be rejected by FOTILE authorized service center. Meanwhile, we suggest you contact FOTILE service center when the product need to be repaired no matter within or exceed the warranty period. FOTILE star-level service goal is to make customers fully satisfied by our tireless efforts.

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Warning and Safety Instructions

Special version:

Please properly use the appliance, strictly complying with the user manual. FOTILE company will not bear responsibility for property loss and personal injury due to improper use

Warning:

It may cause people danger, serious injury or fire, if you ignore the following contents and improperly operate.

The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction. Children being supervised not to play with the appliance. (If you live in Europe, this appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.) 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.

There is a fire risk if cleaning is not carried out in accordance with the instructions.





Do not flame under the range hood.

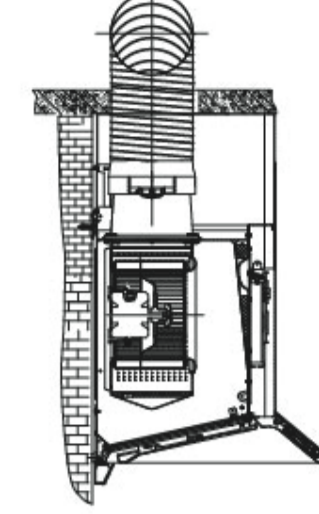




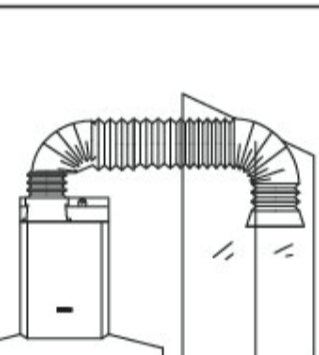
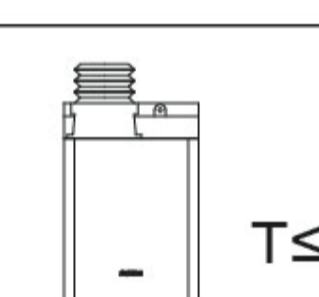

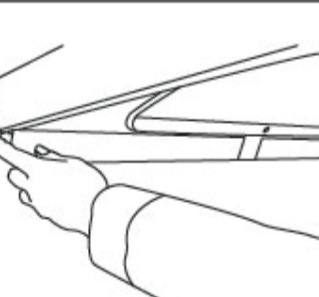
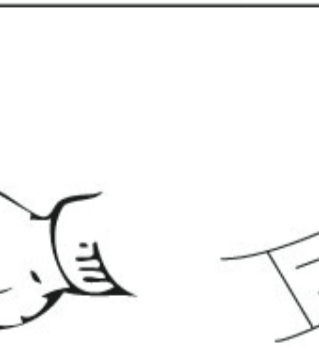

CAUTION: Accessible parts may become hot when used with cooking appliances.

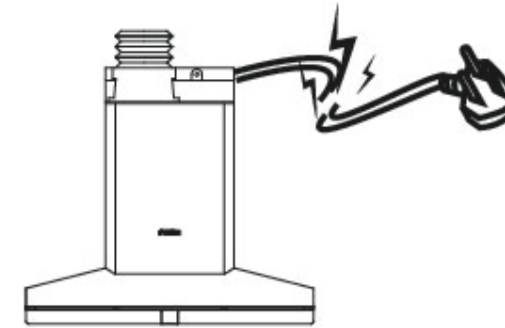
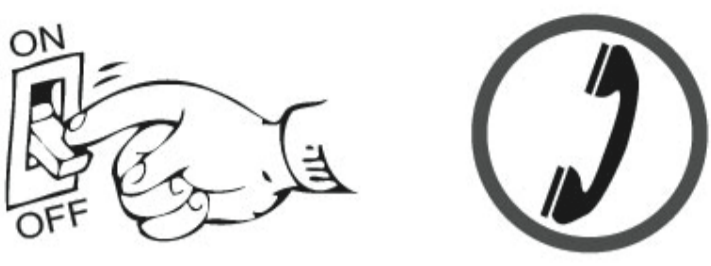


The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels.


If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person s in order to avoid a hazard.

Strictly execute

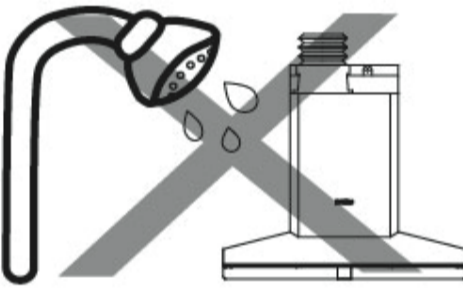
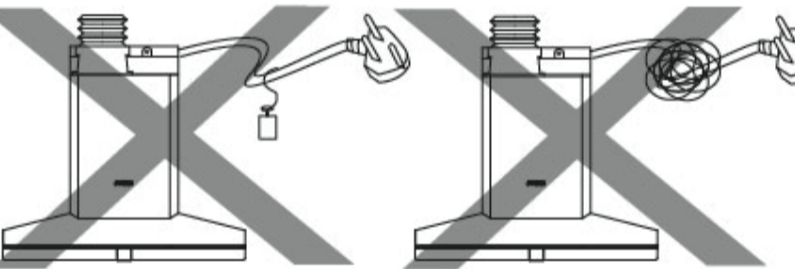

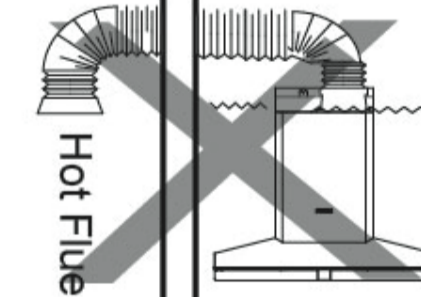

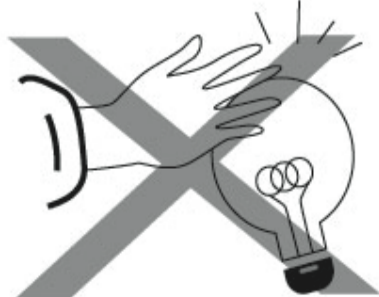
 <p>Ground Connection</p>	<p>The plug should be connected with reliable ground wire to ensure safety. The ground wire should not be connected with gas pipe, tap water pipe, lightning rod and telephone line. Bad ground connection may cause electric shock or other accidents.</p>
	<p>Ensure the safe and well installation. It should be operated by professional people, otherwise, it may cause electric shock, eclclasis, fire and other dangerous.</p>
	<p>If the new range hood is damaged obviously before using, please don't install and contact FOTILE service center soon.</p>
	<p>Please comply with the safety guideline provided by the heating equipment manufacturer priorly and safety regulations published by the fire authority simultaneously.</p>

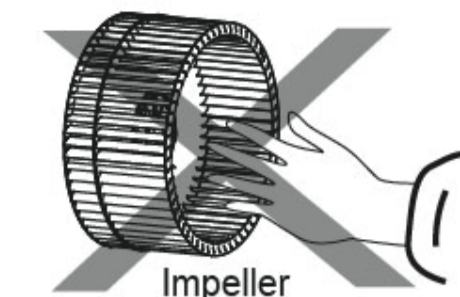


	<p>The wall should be strong enough to support the range hood. As for hollow wall or hollow plate, the thickness of its solid part should be no less than 30mm. As for concrete wall, the installation can be directly operated. The range hood should be firmly fixed on the wall.</p>
	<p>When drilling on the roof or ceiling, please make sure not damage the electric wires and any other hidden devices.</p>
	<p>The range hood is for family use only, and don't use it in special environment (e.g. outdoor), and it also can't be used to exhaust dangerous or explosive substance or gas.</p>
	<p>The room should be well ventilated when the range hood and gas stove are used at the same time.</p>
	<p>When the cooking pots catch fire, turn off the range hood immediately (It will stimulate the fire if the range hood is working). Effective fire extinguishing measures must be taken at once, such as covering the open flame with metal cover, turning off the general gas valve and keeping flammable substance away from the open flame, etc.</p>
	<p>Make sure the exhausting pipe can reach outdoors to avoid the fire and keep the fresh air in the room. Please don't make the waste gas stay indoor, loft, garage, etc. (This is only for ducted range hood)</p>
 <p>T≤40°C</p>	<p>The working temperature should not be more than 40°C .</p>
	<p>Please clean the range hood according to the user manual, otherwise, it may catch fire or cause other dangers.</p>
	<p>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.</p>
	<p>Before installation, if you want to clean or repair the range hood, please make sure the power has been cut off to avoid the electric shock. And wear protective gloves to avoid your hands being hurt by range hood metal panel.</p>
	<p>Cut off the power if you are not going to use range hood for a long time.</p>

	When the power cord is damaged, please contact FOTILE service center to replace it.
	If there is abnormality, please turn off the range hood and cut off the main power supply, contact FOTILE service center to repair it. It will easily cause dangers like electric shock, fire, if the range hood still working under abnormal conditions.
	Please don't let children use range hood by themselves and don't place it where infants can touch, otherwise, it will cause burning injury, electric shock or other accidents.
	Please keep the product plastic package away from the infants, to avoid suffocation, etc.

 The glass used in FOTILE products is tempered glass, and the tempering mechanism of glass decides that there is extremely small probability for tempered glass self explosion. Once it happens self explosion not due to improper use, we promise to replace the tempered glass free.

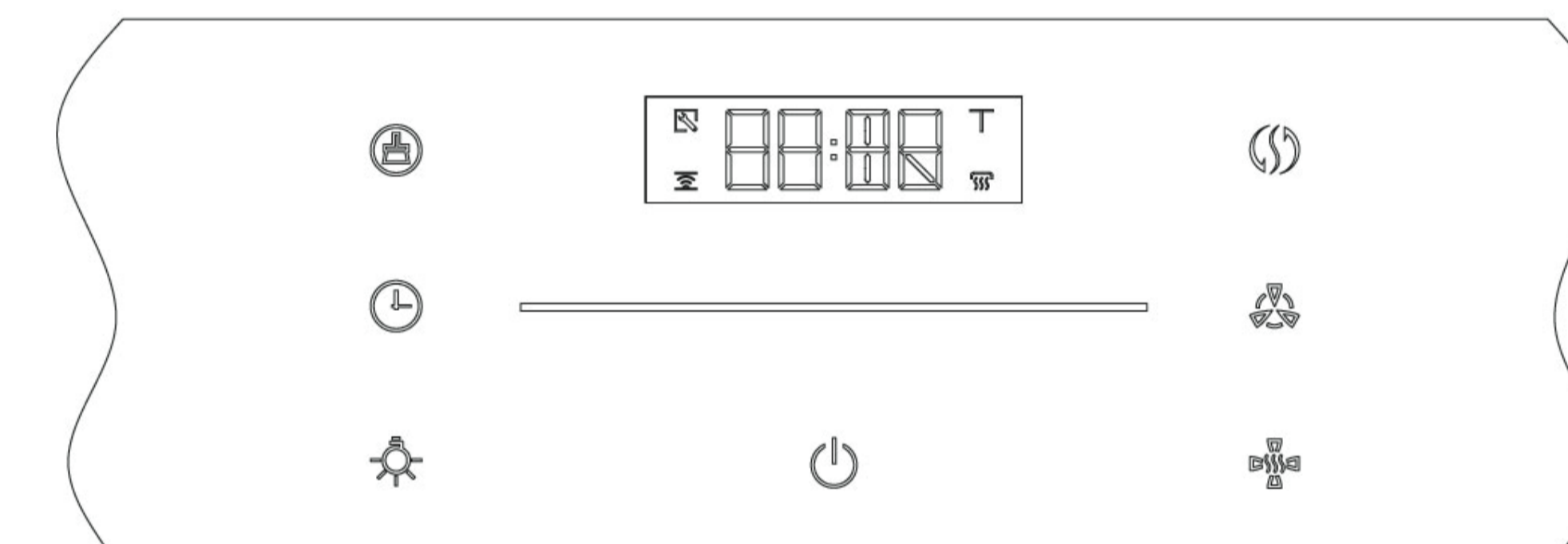
⚠ Forbidden

	Please clean the range hood according to the user manual, otherwise, it may catch fire or cause other dangers.
	Don't transform, stretch, tie, ballast or extrude the power cord, or it may cause electric shock or fire.
	Don't change the internal wiring by yourself, otherwise, it will cause possible abnormality and personal injury; and the improper repair leads to electric shock, fire or other dangers.
	The waste air from the range hood couldn't share the same flue with other inflammable gas.
	Don't let the stove work without pot otherwise it will damage the above range hood.
	Don't touch the bulb which is still working or finish working for a short while, to avoid scalding.


	Don't put your hands or other things into impeller when it is working to avoid hurting.
	All electrical parts including motor, switch and connections, etc. should be away from water. Don't rinse range hood directly with water. Don't use the range hood when it is wet to prevent electric shock.
	Never touch the power plug, power switch or other electric parts with wet hand, otherwise, it may cause electric shock.



Usage


■ Operation interface description
EMG9030













■ Commissioning and function description





1.  Power key

It will enter standby state by pressing  under shutdown state. It will shut down automatically in 2 min without further operation. All functions will be stopped by pressing  under the working/standby state.



The following functions are active when power key is on.
2.  Washing mode key

 - 2.1 The surround suction plate will be opened to the lowest position by pressing  and enter the state of cleaning and maintenance. The plate will be taken back to the highest position by pressing  again.
 - 2.2 The unpacking and washing mode key is mutually exclusive with  and  . When either one of the above three functions is started, click the washing key to quit corresponding function mode; under the state of cleaning and maintenance,  and  are invalid.
3.  Delayed off function



 - 3.1 Clock setting: Under the standby state, long press  to enter the time setting state; the figure at the clock bit begins to flicker; continue to click  to increase the figure; the clock figure will stop flicking in 3s without further operation; the clock setting is completed. At this time, the minute figure begins to flicker. Continue to click  to increase the figure; the minute figure will stop flicking in 3s without further operation; the minute setting is completed. The time setting mode is over.

- 3.2 The set time will be retained, and you may quit the time setting mode by pressing any other keys in the process of time setting.
- 3.3 Delayed off function total have three modes to choose. The corresponding countdown is 2min, 5min and 10min respectively. The display screen will shown out 02:00 by pressing  one time under the working state, press again , 05:00 shown out, press again , 10:00 and begin to count down after keeping 2s. After completion of delay, close all functions to enter the shutdown mode.
- 3.4 Delayed off function can be cancelled by pressing any keys in the process of delayed shutdown count down.
- 3.5 Under the shutdown state, long press  to forcedly close/open the clock display of the shutdown state.

4.  Lighting key

The floodlight will be opened by pressing , and closed by pressing  again.

5.  Intelligent Air Management key


The light band will display orange respiration flicking by pressing . Indicator Light  is orange. The range hood will enter the state of intelligent air quality testing.


5.1 The light band will be green, and the motor will not be operated in the case of good air quality.


5.2 The light band will be light red, the wing suction plate will be descended to the middle position, and the motor will be operated in low gear in the case of ordinary air quality.


5.3 The light band will be red, the wing suction plate will be descended to the middle position, and the motor will be operated in medium gear in the case of poor air quality.

6.  High, medium and low gear key

“P2” will be displayed in the window, the motor will be operated at medium gear, and the surround suction plate will be descended to the middle position by pressing .


“P3” will be displayed in the window, the motor will be operated at high gear, and the surround suction plate will be descended to the lowest position by pressing  again.

“P0” will be displayed in the window, the clock will be displayed in 3s, both the motor and the surround suction plate will be closed by pressing .


“P1” will be displayed in the window, the motor will be operated at low gear, and the surround suction plate will be descended to the middle position by pressing .

Note: The sequence of power-on motor defaults to P2-P3-P0-P1 by sequence-based switching every time. Subsequently, it will start from the previously shutdown gear.

7.  AUTO function

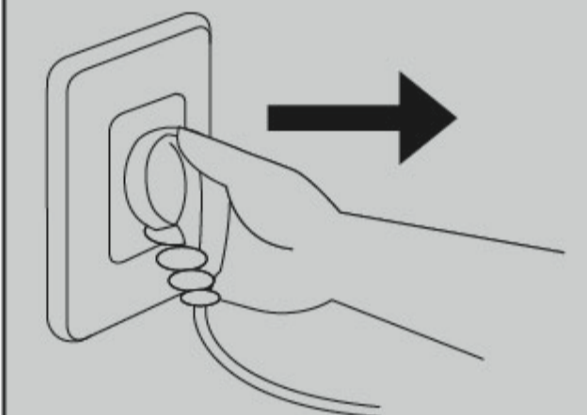
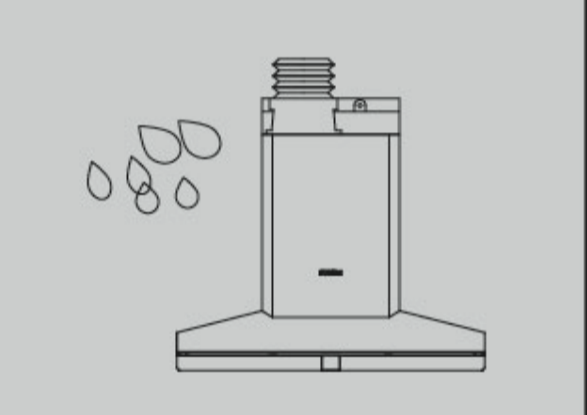
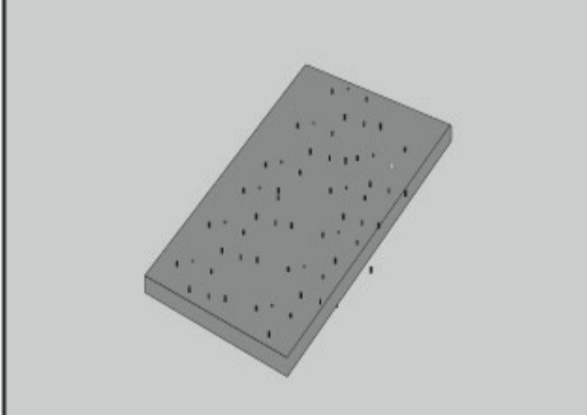



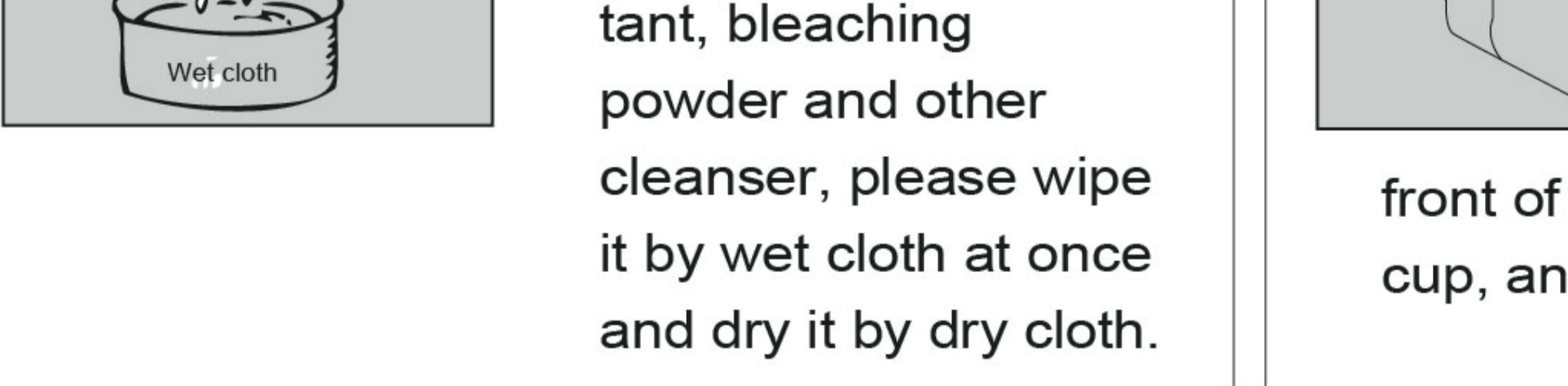
“AUTO” will be displayed in the window, and the range hood will enter the Auto Turbo System by pressing . The range hood will adjust the needed airflow, wind pressure and the position of surround suction plate automatically according to the current smoke quantity and the present resistance of rear-end air exhaust pipe network, so as to achieve the optimal smoke evacuation effect.

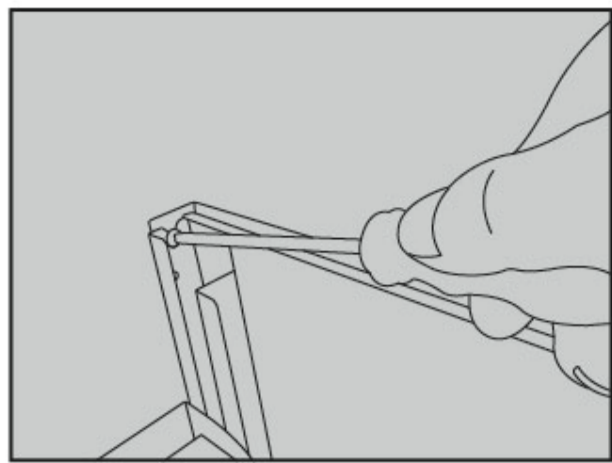
Note:

- 1. When the icon of “T” is on in the window, it indicates that large resistance of the rear-end air exhaust pipe network is detected by the range hood.
- 2. When the icon of  is on in the window, it indicates that heavy smoke is detected by the range hood.
- 3. Do not allow oil stains to stay on the surface of the range hood for a long time.
- 4. If salt-containing solution, sanitizer, bleaching powder and other detergents splash on the stainless steel panel (a majority of these solvents contain harmful chemical components), scrub with a piece of wet cloth immediately, and then scrub with a piece of dry cloth.

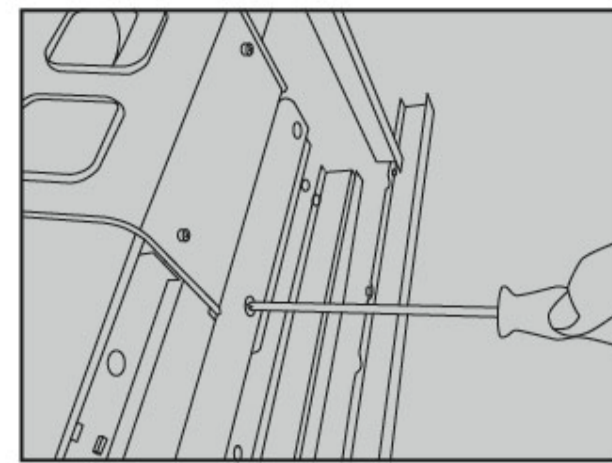
The instantaneous smell reduction shall comply with the standard limit requirements of IEC(61591).

Cleaning and Maintenance

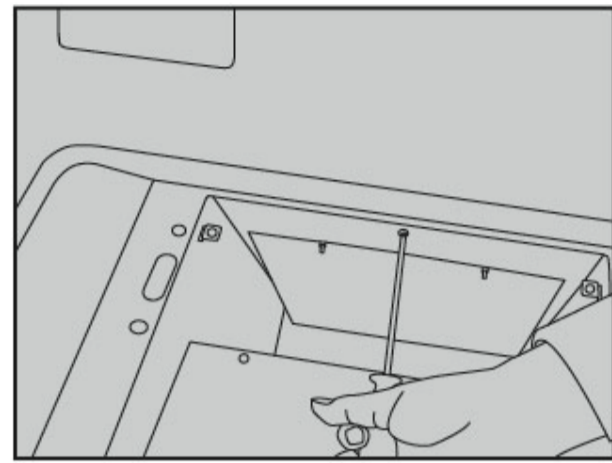
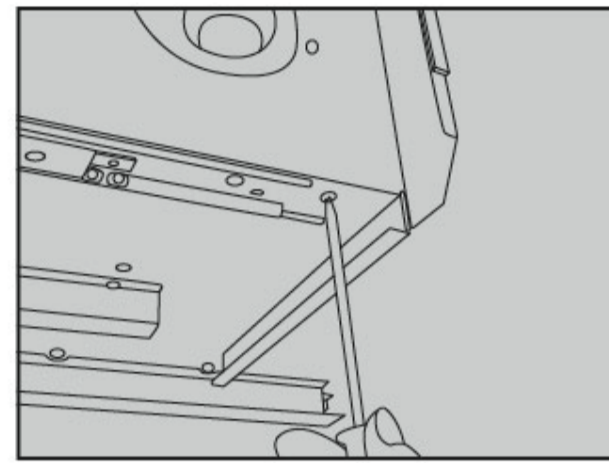
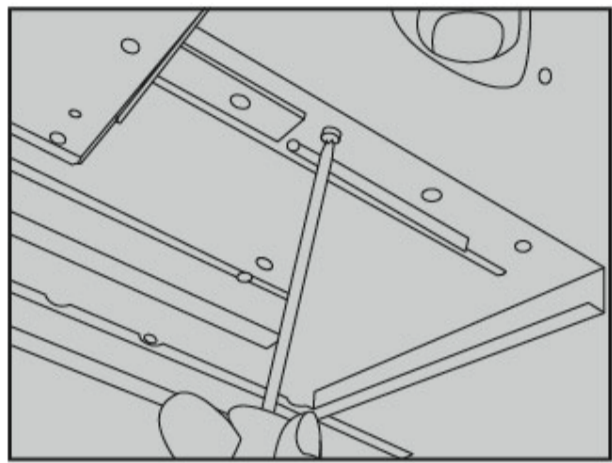
 <p>1. Cut off the power before cleaning.</p>	 <p>2. All electric parts, include motor, switch, etc. should be away from water.</p>
 <p>3. Please don't clean the surface with rough material like steel wire ball, brush or coarse cloth, etc. It will greatly scratch the surface.</p>	 <p>4. Please don't clean with gasoline, acidic substance, benzene, solvent and other chemical agents. If you need to clean, please use neutral cleanser, and wipe dry the appliance surface by soft cloth after cleaning.</p>
 <p>5. If the stainless steel panel is stained with salty liquor, disinfectant, bleaching powder and other cleanser, please wipe it by wet cloth at once and dry it by dry cloth.</p>	 <p>6. Hold up both ends of the oil cup with both hands, maintain it horizontal, slowly shift out from the front of the extractor hood, take down the cup, and pour accumulated oil.</p>
 <p>7. Firstly, press down the unpacking and washing key to descend the butterfly wing plate to the lowest position, grasp the front edge of the plate with both hands, turn over downward, make the plate buckle to divorce, turn over a certain angle downward and take down the butterfly wing plate. Secondly, move the buckle of the outside screen and take down the outside screen. Thirdly, hold up the inside screen with the left hand, use the cross screwdriver to open with the right hand the two screws used to fix the inside screen, and take down the inside screen.</p>	



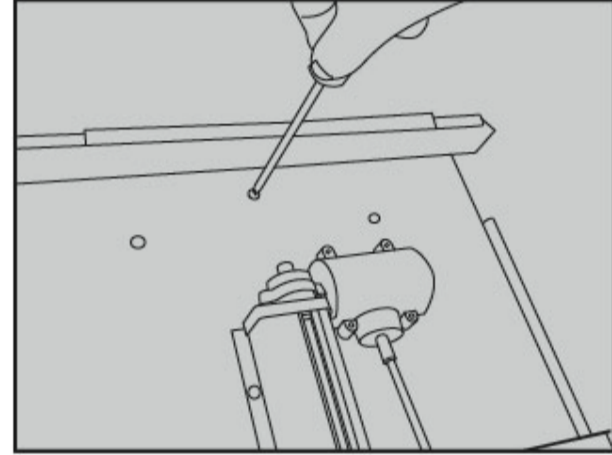
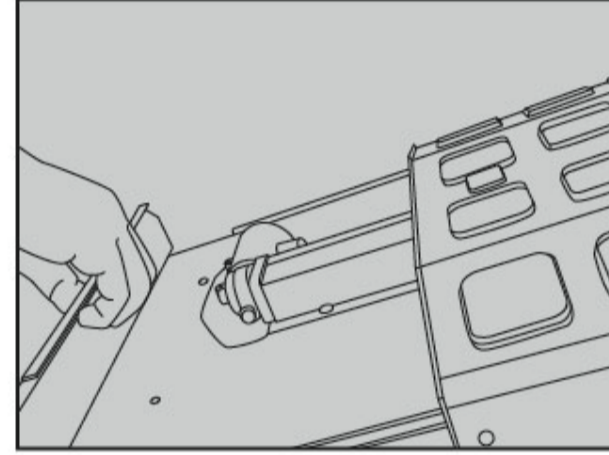
8. Use the cross screwdriver to open the two screws used to fix the fan outer cover, and take down the fan outer cover and the trim cover.



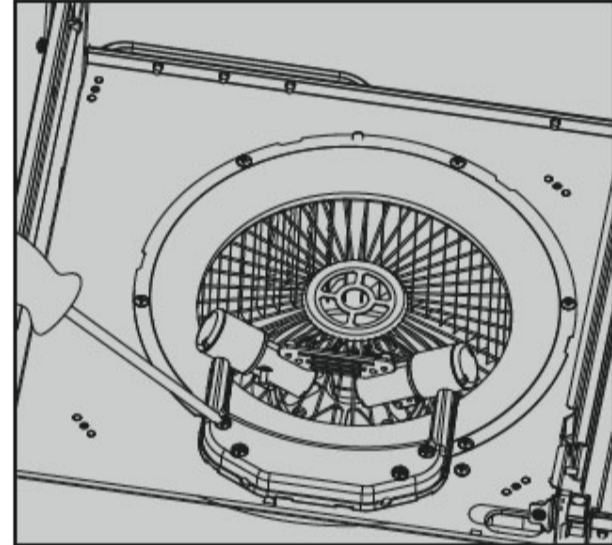
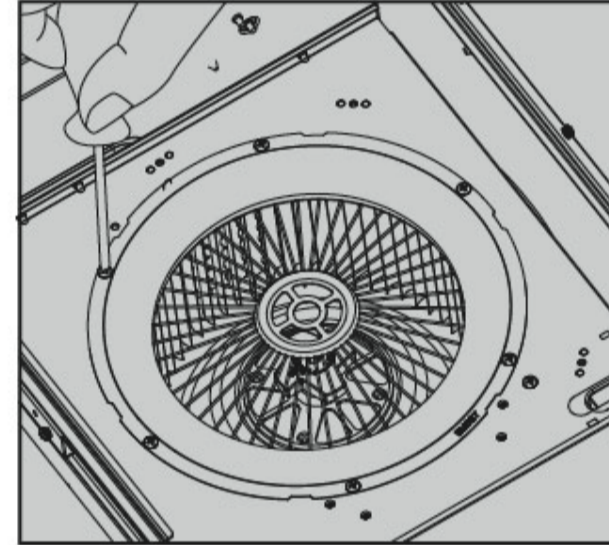
9. Use the cross screwdriver to open the screws of the connecting rod (two on both sides respectively, and disassemble the lifting poker);

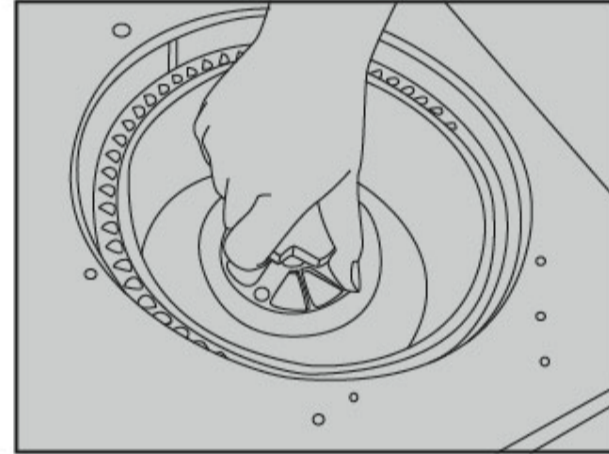
10. Use the cross screwdriver to open the five screws in the fan frame (one on both sides respectively, Figure 16;

three on the top, open the four screws on both sides, open the screw on the fan cover, and disassemble the fan cover plate.

11. Use the cross screwdriver to open the screws on the air inlet ring; disassemble the sensor first.



12. Screw down the locknuts clockwise, and take down the impeller.



- a. Pour out the gathering oil periodically according to the oil cup indication; please wipe the range hood surface once after every using the range hood; clean the air inlet outer cover and inner cover every three days; clean the impeller once every year (clean by professional people).
- b. Please frequently clean the range hood surface, rectification plate and oil cup.

Replacement of LED light

1. Hold up the LED light with the left hand, insert a small straight screwdriver into the margin of the LED light with the right hand (Figure 1), slightly prize downward to take down the LED light, and open the wire socket (Figure 2);
 2. Replace the entire LED light;
 3. Buckle the LED light into the light hole with both hands.
- ⚠ Warning:** The LED light must be replaced by professional after-sales service personnel. Please unplug the power plug before replacement.

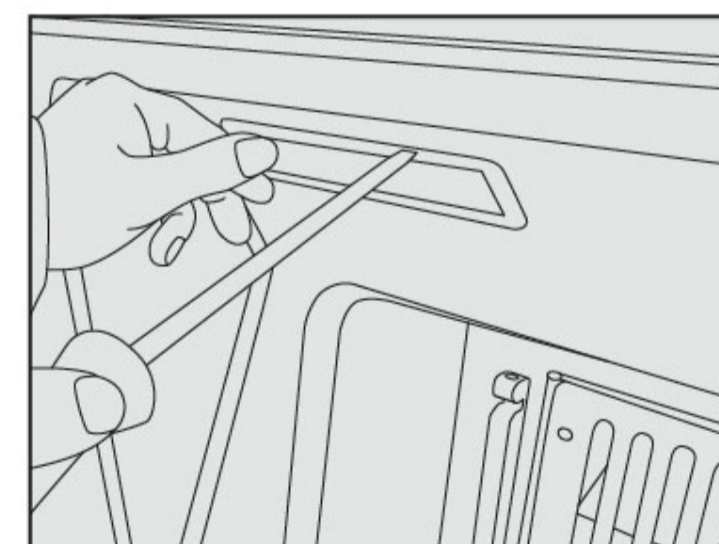


Figure 1

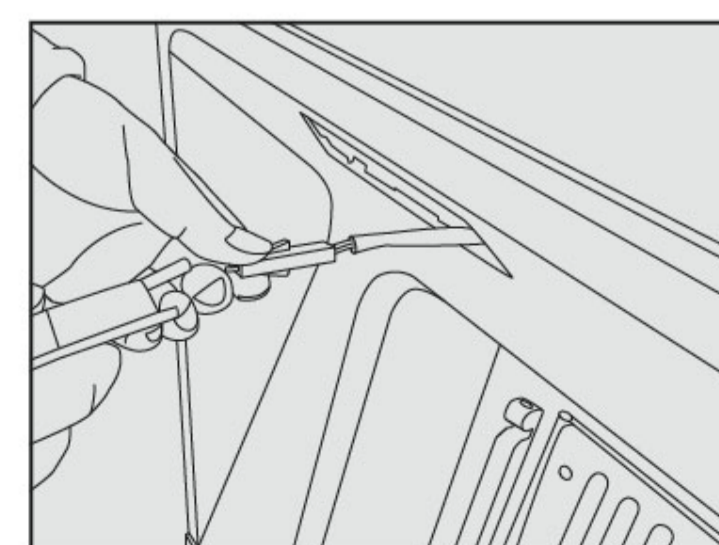


Figure 2

Normal Malfunction and Trouble Shooting

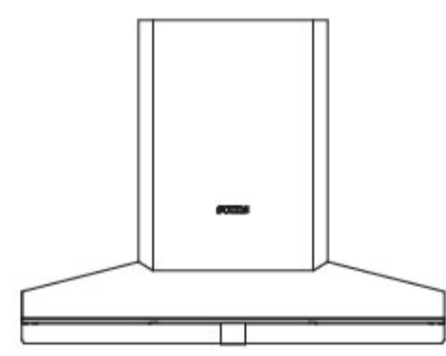

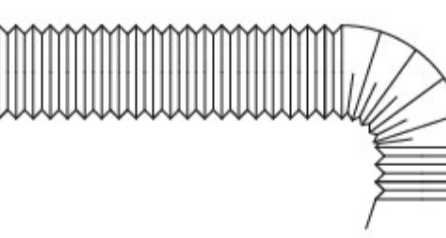

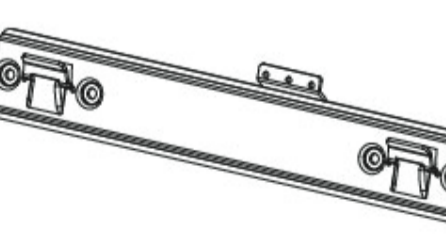

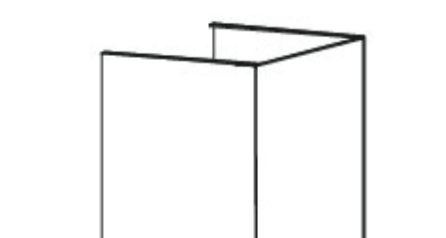

Malfunctions	Possible reasons	How to check
Range hood can't work, light can't light	Haven't connected with power supply	Check whether the plug is well inserted or not
		Check whether there is electricity or not in the plug
Motor can work, but light can't light	LED light is damaged	Replace LED light (done by professional people)
There is machinery shaking noise	Screw is loosed	check whether the surface screws are tightened or not
Suction power is weak	Too long distance between range hood and stove	Lower the range hood installation height (done by professional people)
	Too much ventilation near the range hood leads to strong convection	Close some doors and windows
Noisy	Exhaust pipe surface is distorted	Reinstall exhaust pipe (done by professional people)

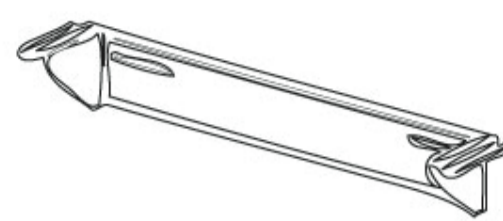

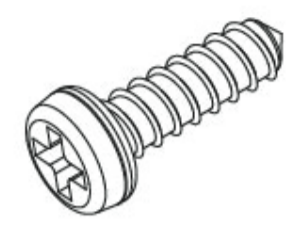


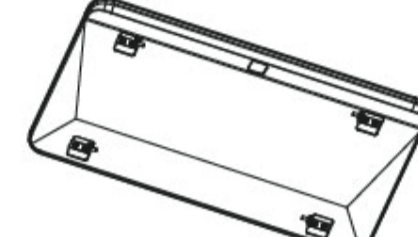

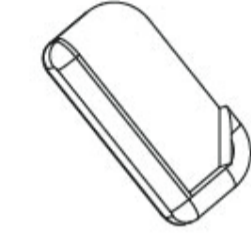
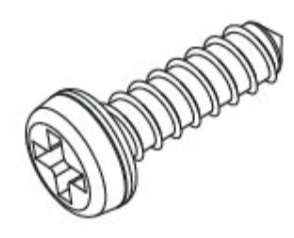
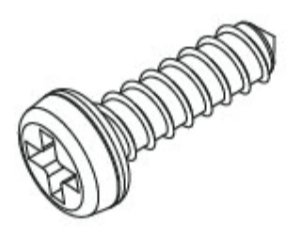


1. Change the LED light: please contact FOTILE after-sale service center.
2. If the range hood still can't work after getting rid of the above malfunctions, please contact FOTILE service center .










Installation








Packing List

	Complete Appliance	1		Aluminum Foil Tape	1
	Exhaust Pipe	1		Wooden Screw 4.5x60	6
	Pothook	1		Oil Cup	1
	Decorative Cover	1		Exhaust Cover	1

	Decorative Cover Pothead	1		Upper Seal Mat	1
	Cross Recess Head Self-tapping Screw ST 3.9x9.5	4		User Manual	1
	Expansion Pipe φ10X60	6		Ring suction plate assembly	1
	Cross recess pan head self-tapping locking screws M4 X 18	8		Collision Avoidance Elements	2
	Cross recessed pan head self-tapping screw ST2.9x19 galvanized	4		Cross recessed pan large flat head self-tapping lock screw M4X8 galvanized	2

Installation Methods

 Attentions	
 Suggest install the range hood after finishing the kitchen decoration.	 Make sure to keep the appliance horizontal.
 After finishing installation, make sure the range hood can normally work, please read carefully and keep well the user manual.	 Please abandon and recycle the old range hood which can't work any more, to protect the environment.
 If it is necessary to move the gas stove before installing the range hood, please close general gas valve before moving the gas stove.	 The range hood is heavy and the installation is complex, so the installation should be done by professional people according to the user manual.
 Please wear protective gloves to avoid your hands being hurt by rang hood sharp edge.	 Please use specialized power socket and it should be connected with reliable ground wire to ensure safety.

 Attentions	
 Please do not damage the electric wire and other hidden equipment when drilling on wall. Power off the range hood when installing.	 The wall should be strong enough to support the range hood, otherwise the range hood may drop down and result in damage.
 Accessible parts may become hot when used with cooking appliances. The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels. Failure to install the screws or fixing device in accordance with these instructions may result in electrical hazards. This appliance is not intended for using by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.	
 Please use accessories provided by FOTILE company to ensure safe and well installation. Make sure the tightness between expansion pipe and wall hole, and please don't drill the hole too big, to avoid drop due to expansion pipe loosening.	
 Make sure the exhausting pipe can reach outdoors to avoid the fire and keep the fresh air in the room. Please don't make the waste gas stay indoor, loft, garage, etc. (This is only for ducted range hood)The waste air from the range hood couldn't share the same flue with other inflammable gas.	
 Package of new range hood: To keep a well environment, please deal with the plastic package by environmental way. Packing material is not toy, so please keep the plastic bags and box away from the infant to prevent such dangers as suffocation, etc.	

Installation Suggestions

Installation Position

The range hood is only for family use only; Please do not use the range hood under other conditions.

The range hood should be installed above the stove. Keep parallel between the blower outer cover bottom end and cabinet bottom end.

The temperature of the range hood should not be more than 40°C.

The wall should be none-flammable. Never install the range hood on the flammable wooden wall.

■ Range Hood and Wall Cupboard Standard Combination Size Installation Diagram

(Unit: mm)

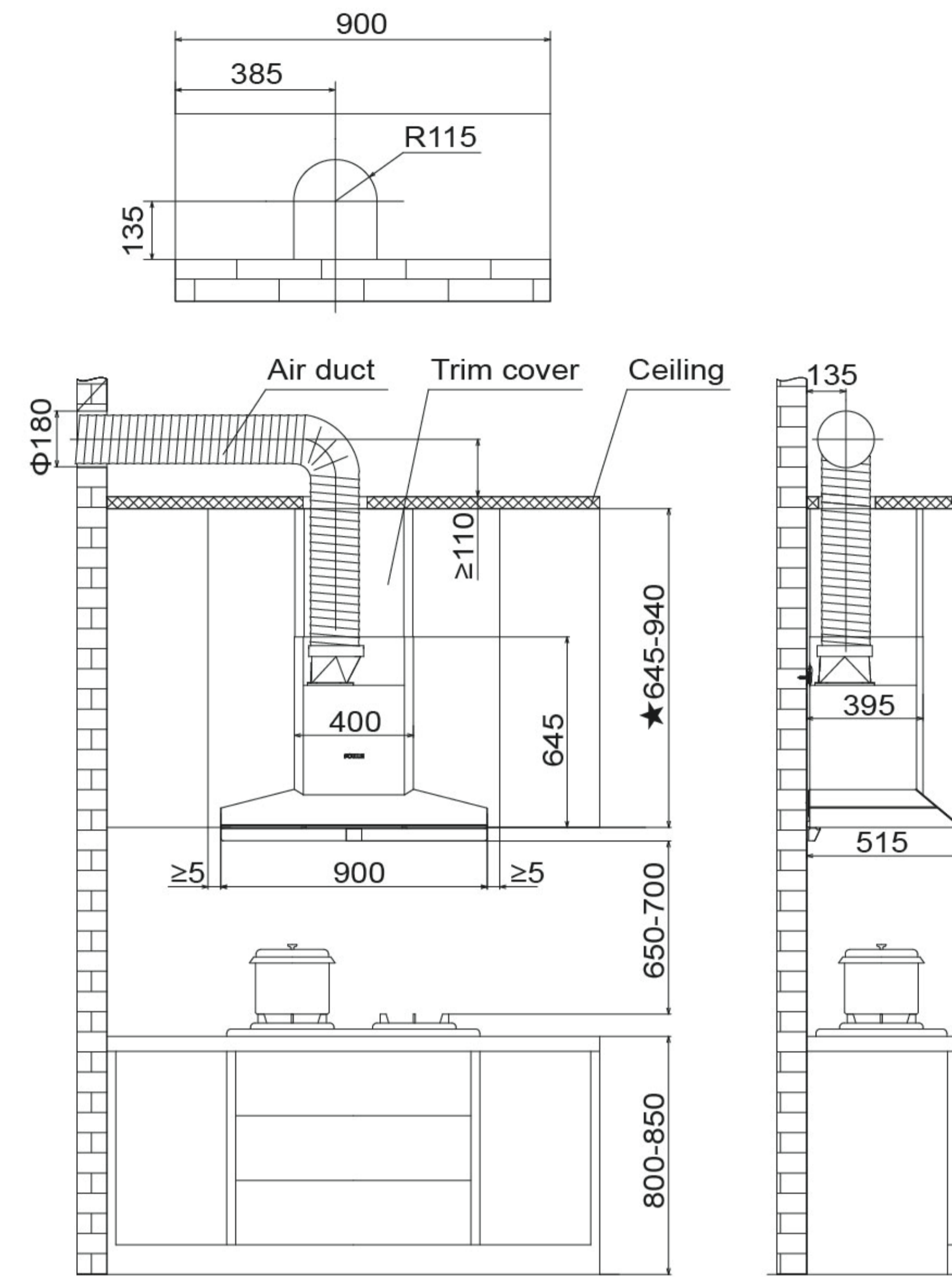


Figure1 Cupboard Matching

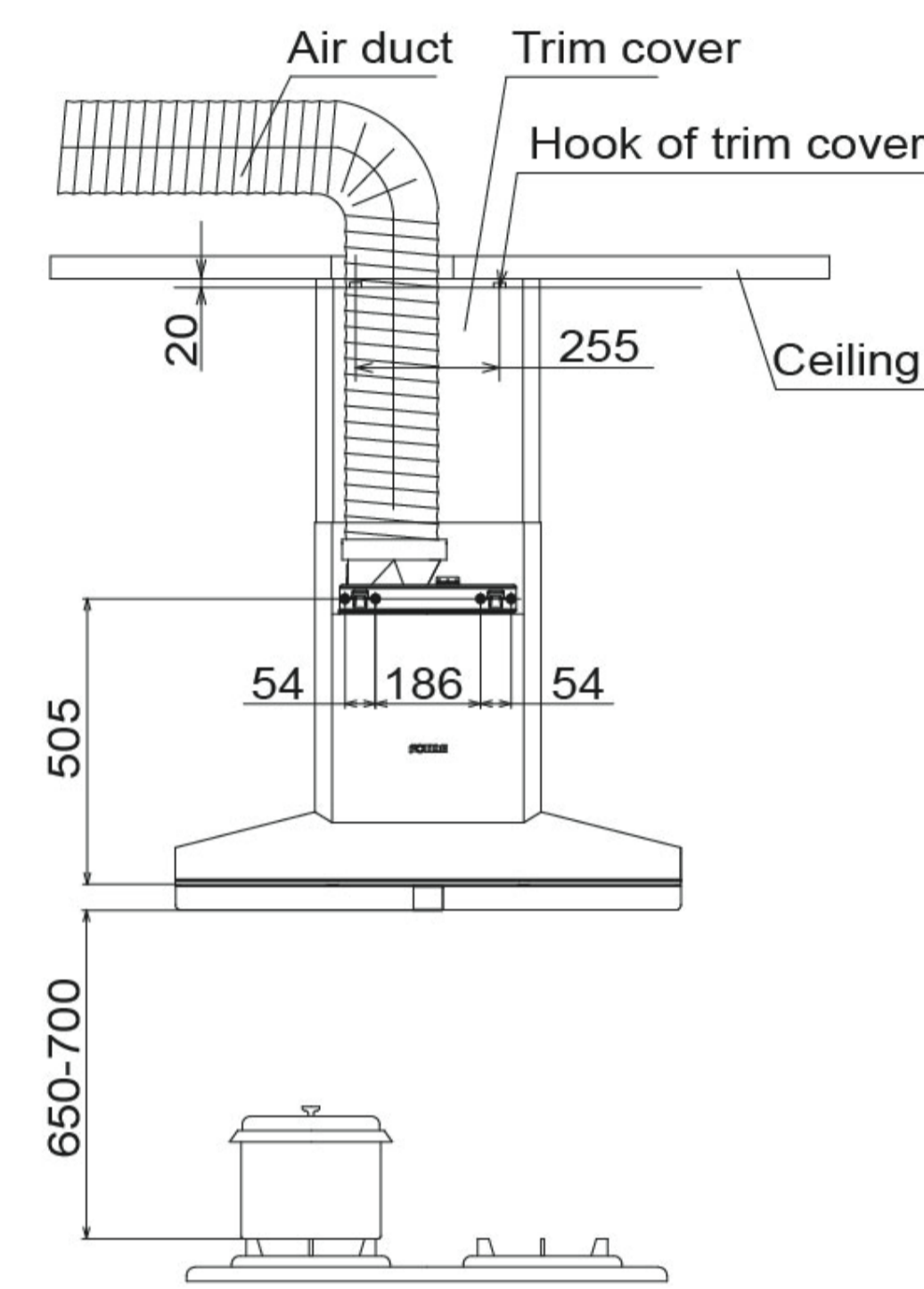


Figure2 Installation Schematic



Blower outer cover bottom and cabinet bottom should be even.

■ Preparation before installation

1. Warning, Please don't make sundries into exhaust pipe to avoid damaging the range hood. Estimate the exhaust pipe position. A straight and short exhaust pipe makes smoke extraction more smooth, please refer to installation diagram. The joint between exhaust pipe and wall hole should be sealed with tape, and ensure firm connection between exhaust pipe and exhaust cover. Too small wall hole will affect smoke extraction, therefore, please broaden the wall hole to fit exhaust pipe size under safety condition.
2. Tool preparation
Please prepare the following tools before range hood installation.

(1) Impact electric drill (with drillbit of $\Phi 10\text{mm}$)	(2) Cross screwdriver
(3) Internal hexagonal wrench (M6)	(4) Measuring taper
(5) Hammer	

Installation Steps

1. The electric impact drill shall be equipped with a $\Phi 10\text{mm}$ percussion bit for standby.
2. Accurately determine the drilling position of the percussion bit on the solid wall (as shown in Figure 2), drill a hole, firmly embed the expansion tube, fix the hook and the hook of trim cover, and screw in the wood screws; the hook of trim cover can be fixed on the ceiling with ST2.9x19 self-tapping screw.
3. Before installation, screw off the four screws behind the host, then take down the fan outer cover and trim cover.
4. The outlet housing and the sealing ring shall be fixed on the host top with eight M4X18 screws.
5. The air duct shall be fixed on the outlet housing with ST3.9x9.5 self-tapping screw. Besides, it shall also be wrapped and sealed with aluminum tape.
6. The host shall be firmly hung. Front view – no inclination; side view – the body is close to the wall with a slight gap.
7. Install the air duct according to Figure 2, and inspect the tube wall (no swelling and sinking with smooth bend); the gap between the air duct and the wall shall be tight to prevent back smoke. The check valve blade shall be free from jam during lifting and falling (it is unnecessary to install the check valve plate when the extractor hood is matching with Fotile fireproof check valve).
8. The fan frame shall be connected and fixed with the hook with M4x8 self-tapping lock screw, as shown in Figure 3.
9. The power plug of range hood shall be plugged in the power socket.
10. Installation of fan outer cover and trim cover:
 - (1) Put the trim cover into the fan outer cover;
 - (2) Pick up the fan outer cover and the trim cover at the same time, clip the trim cover into the hook of trim cover, and then simultaneously push the trim cover and the fan outer cover to the bottom along the hook parts of trim cover;
 - (3) After pushing the trim cover and the fan outer cover to the bottom, slowly slide down the fan outer cover, clip the buckle of fan outer cover into the fan frame, and then insert the fan outer cover into the gap between the roof and the fan frame
11. Press the key of “unpacking and washing mode” under the standby mode, and install the external oil net and the butterfly wing plate after the lifting poker stops; the lifting poker will be taken back by pressing the shutdown key. At last install the oil cup

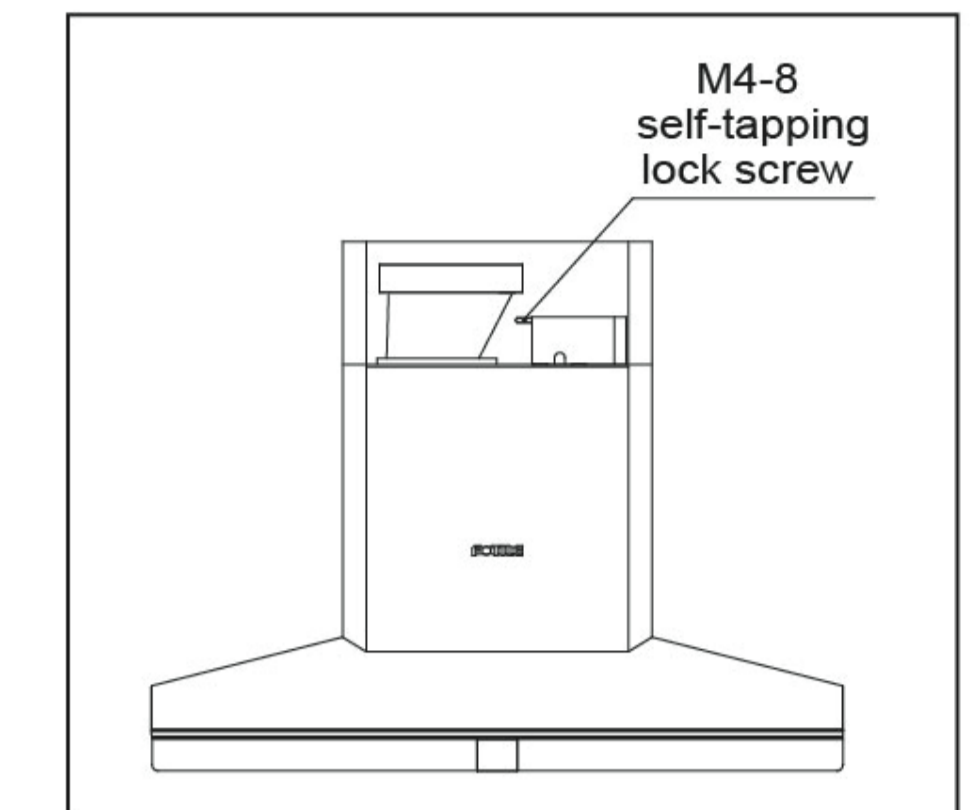


Figure 3

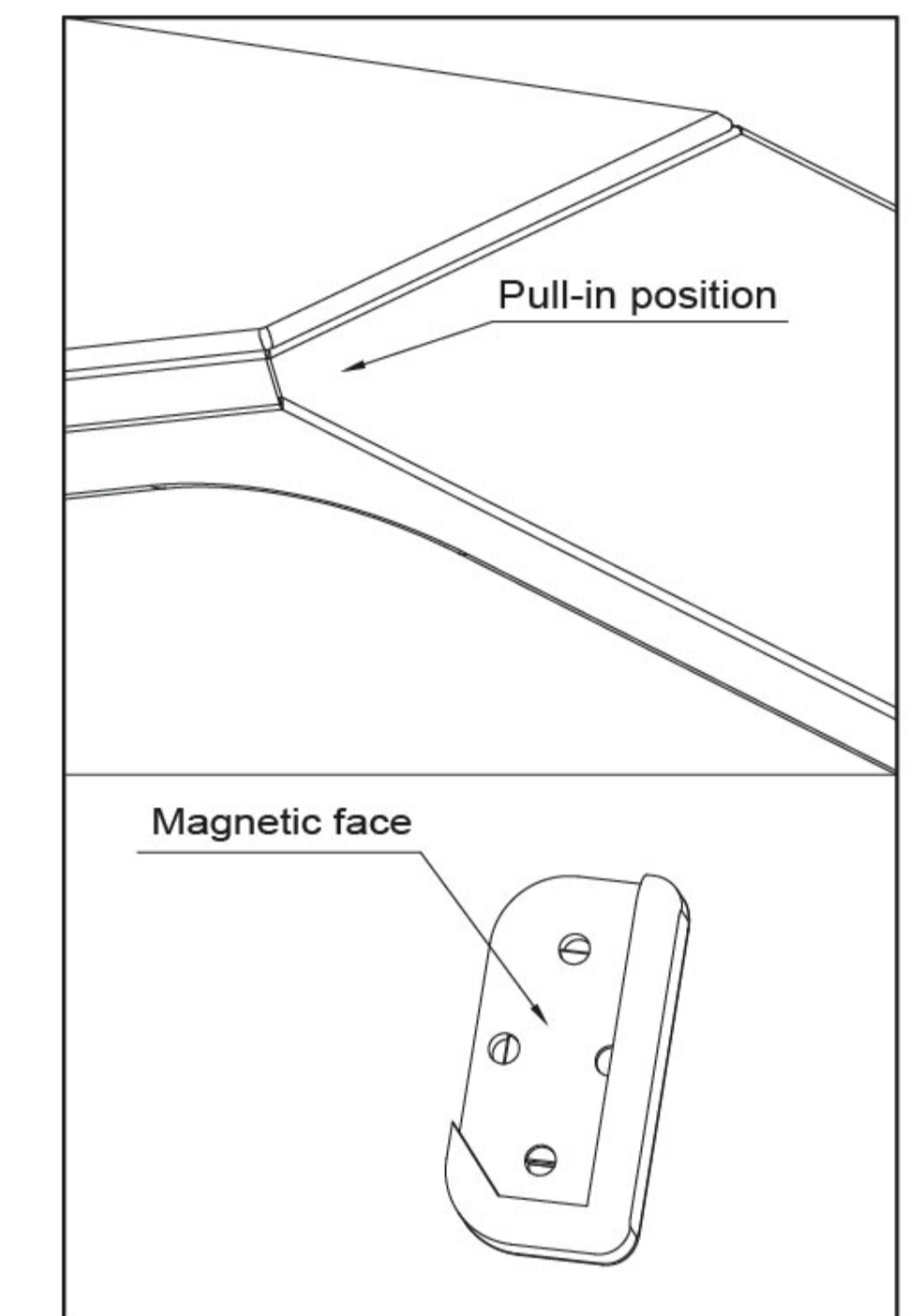


Figure 4

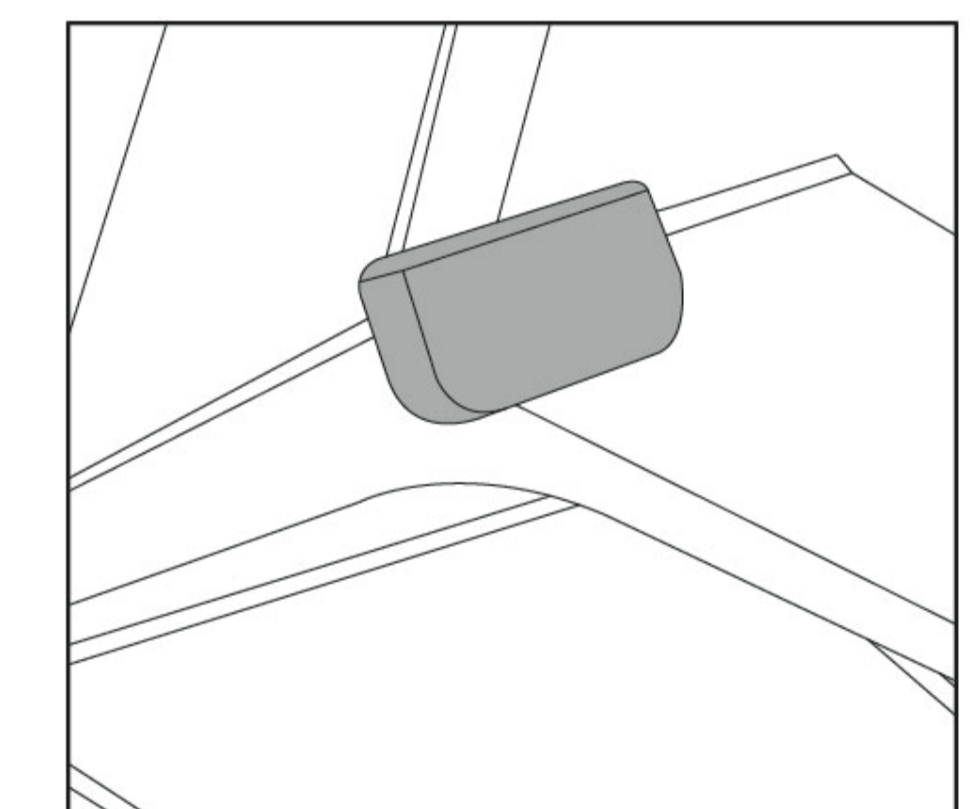


Figure 5

12. Installation of anti-collision parts: determine the magnetic face of anti-collision part and the product pull-in position (Figure 4), pull in the anti-collision part at the corner of the extractor hood, and then adjust it properly (Figure 5)

⚠ Caution:

1. Take down the fan outer cover before installation;
2. Step (4) shall be interchanged with Step (5) in the case of coordinated installation with the cupboard;
3. The drill shall be selected according to the specific drilling position.

Main Technical Specifications

Electrical parameter

Model	Voltage	Frequency	Power	LED Light Power
EMG9030	220-240V	50Hz	262W	2W×2

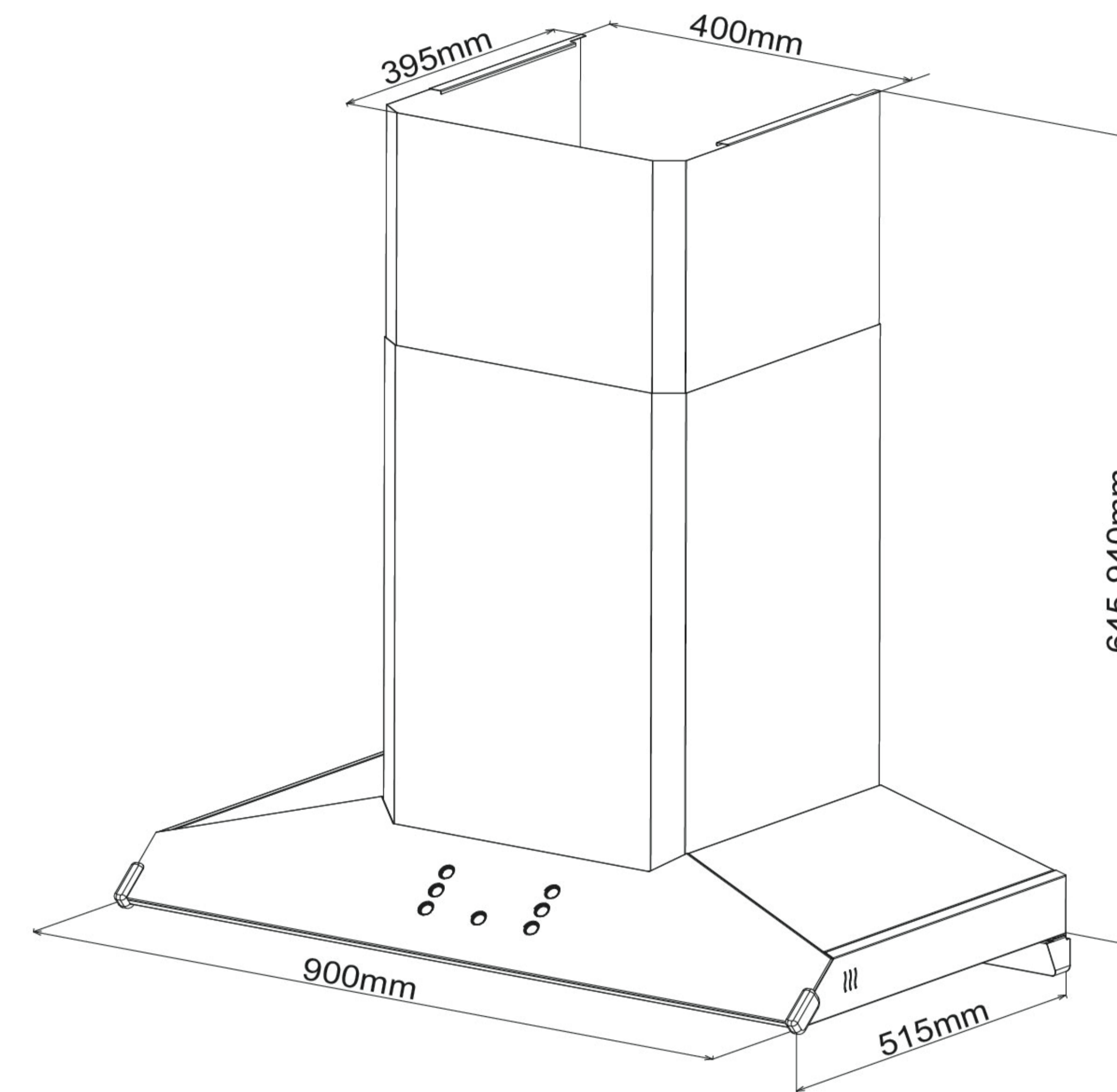
Exhaust model (exhaust pipe)

Model	Test By IEC Standard		
	Air flow(m³/h)	Noise(dB)	Max Static Pressure(Pa)
EMG9030	900	48	720



1. When EMG9030 under the mode of "AUTO Ⅱ", the maximum Air flow capacity can reach 1200m³/h, and the noise can reach 54dB(sound pressure level) .
2. The allowable tolerance of blast capacity in IEC(61591), air flow 、 pressure and measured value shall not exceed -5% of the given value.
3. The above data was obtained as per the standard test method under the IEC (61591)environmental conditions.

Product Basic Conditions



Component Name Diagram

