

**FOTILE**

**RANGE HOOD**

User Manual | EA03

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

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, make 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.

CONTENTS

Warning and Safety Instructions	1
Usage	4
Operation Instruction	4
Cleaning and Maintenance	5
Normal Malfunction and Trouble Shooting	6
Installation	7
Packing List	7
Installation Methods	8
Installation Suggestions	9
Installation Steps	10
Debugging	11
Main Technical Specifications	11
Electric Wiring Diagram	12

Warning and Safety Instructions









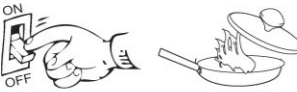
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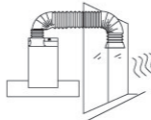
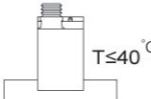

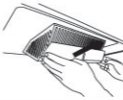


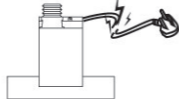
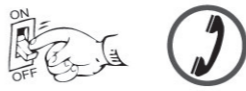


Please properly use the appliance, strictly complying with the user manual. FOTILE company will not bear responsibility for property loss and personal injury due to improper use

Warning:

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

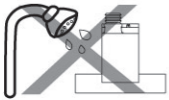


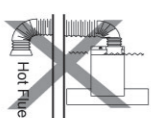


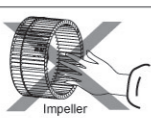


Strictly execute

 Ground Connection	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, lightening rod and telephone line. Bad ground connection may cause electric shock or other accidents.
	Ensure the safe and well installation. It should be operated by professional people, otherwise, it may cause electric shock, ecclasis, fire and other dangerous.
	If the new range hood is damaged obviously before using, please don't install and contact FOTILE service center soon.
	Please comply with the safety guideline provided by the heating equipment manufacturer priorly and safety regulations published by the fire authority simultaneously.
 >30mm	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.
	When drilling on the roof or ceiling, please make sure not damage the electric wires and any other hidden devices.
	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.
	The room should be well ventilated when the range hood and gas stove are used at the same time.
	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.

	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)
 T≤40℃	The working temperature should not be more than 40℃.
	Please clean the range hood according to the user manual, otherwise, it may catch fire or cause other dangers.
	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.
	Before install, clean or repair the range hood, please make sure cut off the power to avoid the electric shock. And wear protective gloves to avoid your hands being hurt by range hood metal panel.
	Cut off the power if you are not going to use range hood for a long time.
	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.

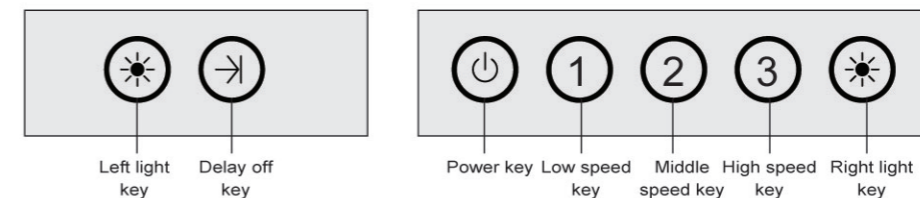
The glass used in FOTILE products is tempered glass, and the tempering mechanism of glass decides that there is extremely small probability for tempered glass self explosion. Once it happens self explosion not due to improper use, we promise to replace the tempered glass free.

## 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 working without pot otherwise it will damage the above range hood.
	Don't touch the bulb that 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

Firstly, let's be familiar with the range hood control interface.



## Operation Instruction

### Suction Function

You press the low, middle or high speed key, you can choose the air flow you need.



### Illumination Function

Press the left or right "☀", the light is turned on, and press the key again, the light is off.



### Time Delay function

If the rangehood is working, you press the "⌚", the rangehood stop working after 2 minutes, and the light is turned off automatically.

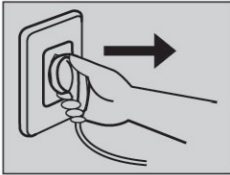


### Shut down Function

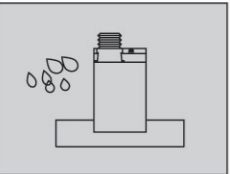
When you press the "⏻", the rangehood is turned off.



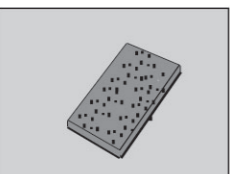
Cleaning and Maintenance



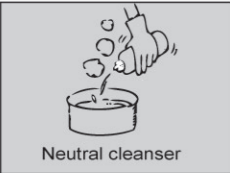
1. Cut off the power before cleaning.




2. All electric parts including motor, switch, etc. should be away from water.



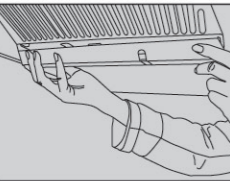
3. Please don't clean the surface with rough material like steel wire ball, brush or coarse cloth, etc. It will greatly scratch the surface.



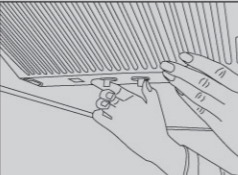
4. Please don't clean with gasoline, acidic substance, benzene, solvent and other chemical agents. If you need to clean, please use neutral cleanser, and wipe dry the appliance surface by soft cloth after cleaning.



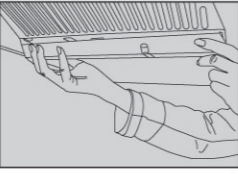
5. If the stainless steel panel is stained with salty liquor, disinfectant, bleaching powder and other cleanser, please wipe it by wet cloth at once and dry it by dry cloth.



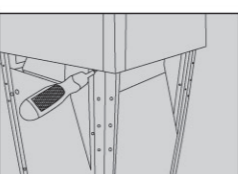
6. Please move the oil cup horizontally.



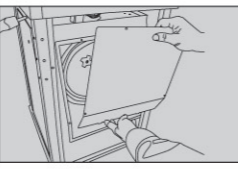
7. Move slippery hook handle, and set down the air inlet cover.



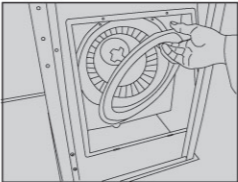
8. Install back the air inlet cover and oil cup with step 15 and 16 in the installation steps.



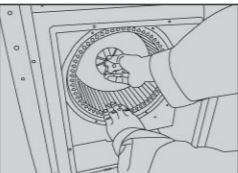
9. Lift up rangehood decoration outer cover, and use screwdriver insert into the down support, and keep the cover can not fall down.



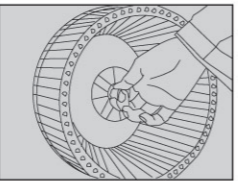
10. Move the screw, and take down the blower cover.



11. Move the screw on the air inlet cover, and remove the air inlet circle



12. Move the screw nut by clockwise



13. Please move the impeller, and put it in the warm water with detergent, use soft brush clean 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.

Normal Malfunction and Trouble Shooting

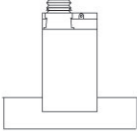
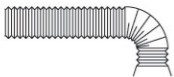

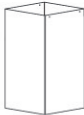

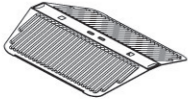


Malfunctions	Possible reasons	How to check
Range hood can't work, light can't lighten	Haven't connected with power supply	Check whether the plug is well inserted or not
		Check whether there is electricity or not in the plug
Motor can working, but light can't lighten	LED light is damaged	Replace LED 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 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		Outer decoration cover	1
	Inner decoration cover	1		Oil Cup	1
	Air inlet cover	1		User Manual	1
	Cross Recess Head Self-tapping Screw ST 3.9x9.5	4		Expansion Pipe φ10X40	4
	Cross recess pan head self-tapping locking screws M4 X 8	16		Cut-out Sample	1
	Stainless steel screw M4X11	4		Upper support	1

Installation Methods

⚠️ Attentions	
 Attention	Suggest install the range hood after finish the kitchen decoration
 Forbidden	Make sure to keep the appliance horizontal.
 Strictly Execute	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.
 Strictly Execute	Please abandon and recycle the old range hood which can't work any more, to protect the environment.
 Strictly Execute	If it is necessary to move the gas stove before installing the range hood, please close general gas valve before moving the gas stove.
 Strictly Execute	After finishing installation and make sure the range hood can normally work, please read carefully and keep well the user manual.
 Strictly Execute	The range hood is heavy and the installation is complex, so the installation should be done by professional people according to the user manual.
 Strictly Execute	Please wear protective gloves to avoid your hands being hurt by rang hood sharp edge.
 Strictly Execute	Please do not damage the electric wire and other hidden equipment when drilling on wall. Power off the range hood when installing.
 Strictly Execute	Please use specialized power socket and it should be connected with reliable ground wire to ensure safety.
 Strictly Execute	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.
 Strictly Execute	The wall should be strong enough to support the range hood, otherwise the range hood may drop down and result in damage.
 Strictly Execute	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 imflammable gas.

## Installation Suggestions

### ■ Installation Position

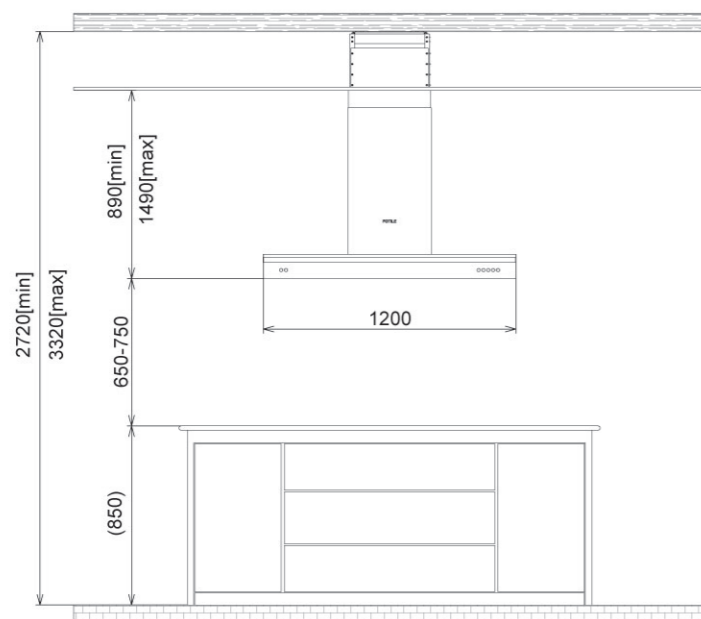
The range hood is only for family use only; Please do not use the range hood under other conditions.

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.

### ■ Installation diagram of hoods and cabinets(unit: mm) :



### ■ Preparation before installation

1. 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 the 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 a wall hole will affect smoke extraction, therefore, please boarden the wall hole to fit the exhaust pipe size under safety condition.

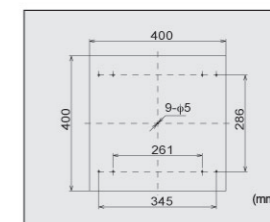
#### 2. Tool preparation

Please prepare the following tools before range hood installing:

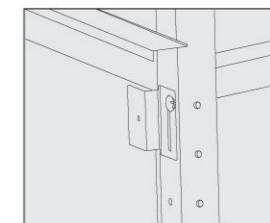
- (1) Impact electric drill(with the drill of  $\phi 10\text{mm}$ ) (2) Cross screwdriver (3) Wire-cutter  
 (4) Measuring tape (5) Hammer (6) Electric hand drill  
 (7) Levelling instrument (8) Plumb bob

### ■ Installing steps

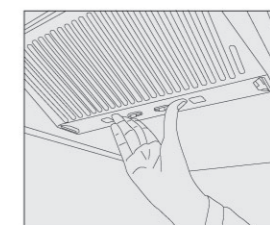
1. According to the position of hob, use the plumb bob to confirm the central position of the range hood then mark the point.
2. Make the hole template appressed to the wall and fit the central to the point in step 1, parallel with the hearth.
3. According to the formwork position, please mark the relevant position(if it is on the proof which is made of concrete, please mark the inner four holes which the size is 261mm, if it is on the reinforced ceiling, please mark the outer four holes which the size is 345mm).
4. According to the marked position, make a installing hole. With regard to the proof which is made of concrete, use Impact electric drill(with the drill of  $\phi 10\text{mm}$ ) to dig a depth of 50mm hole; if it is reinforced ceiling, solid slab used for reinforcement must be thicker than 30mm, and dig a depth of  $\phi 6\text{mm}$  hole.
5. a. Concrete proof:  
 Embedded the expansion bolt;  
 Take off the ceiling version of upper bracket, fasten the ceiling version on the concrete proof, then make the upper bracket concatenated with ceiling version.  
 b. Reinforced ceiling:  
 Drill a hole of diameter of 180mm(used for connect the exhaust pipe)  
 Take off the ceiling version of upper bracket(recover to us)  
 Make the condole roof of upper bracket concatenated with fastened ceiling version by expansion screw.
6. Embed the aluminum foil air outlet.
7. Make the decorate party leave a hole which its size is 385mm\*376mm.
8. After the suspended ceiling completed, adjust the installing support to a suitable position, make the top edge appressed to the suspended ceiling and use the screw(M4\*8) to fasten, as shown in figure 2.
9. Install the inner and outer decorative cover on the range hood, then put on the table-board, make sure that the aluminum exhaust pipe connected to exhaust cover.
10. Use ST3.9\*3.5 tapping screws to make exhaust pipe on the outlet housing, convolved by aluminum-tape.
11. According to the size of samples for installation, make the range hood assembled firm with the upper bracket.
12. Then connected to a power supply.
13. Shorten the exhaust pipe and fasten by tape, avoid loosing when the rangehood works.
14. Lift the decorative inner cover, use the M4\*8 screw to fasten on the decorative inner cover bracket; if range hood has installed on the reinforced ceiling, use the M4\*11 screw to fasten on the Condole roof.
15. Insert the outer cover into the inner cover and push up, when you hear "ka ka", you can loosen your grip. As shown in figure 3.
16. Put the oil cup into the slot of exhaust hole like in figure 4.



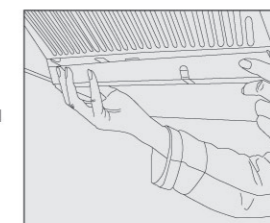
(Figure 1)



(Figure 2)



(Figure 3)



(Figure 4)

Debugging

- 1. Press the light key,check whether the light can work;
- 2. Press low,middle and high speed keys,check the motor can work normally;
- 3. When the rangehood is working, press the delay off key, the motor stop working after 2 minutes,the light is turned off automatically , If there is abnormality, please turn off the power immediately,and check if it is the problem of installation.  
(Please contact with FOTILE distributor or service center.)
  - (1) The body of hood shakes heavily;
  - (2) The expansion pipe is loose;
  - (3) The impeller doesn` t work;
  - (4) Big noise from the impeller running;
  - (5) Abnormal noise from motor;
  - (6) When the rangehood is working, press the power key,the motor stop working, and the light is turned off automatically.

Main Technical Specifications

Model	EA03	Input power(W)	242
Product size(mm)	1200(W)x700(D)x(890-1490)(H)	Wind pressure(Pa)	280
Net weight(Kg)	50.5	Illumination power(W)	7W x 2
Voltage	220-240V 50/60Hz	Air flow(m³/h)	1450
Noise(dB)	56	Max wind pressure (Pa)	370



- a. Air flow: Deviation between express value and measured value is less than 10% of the express value.
- b. Noise, 54dB is sound pressure level. Weighted sound power level noise is 68dB.

Electric Wiring Diagram

