



User Manual

PE510-52HV

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INTRODUCTION

Thank you for choosing this cooker hood.

This instruction manual is designed to provide you with all required instructions related to the installation, use and maintenance of the appliance.

In order to operate the unit correctly and safety, please read this instruction manual carefully before installation and usage.

The cooker hood use high quality materials, and is made with a streamlined design. Equipped with large power electric motor and centrifugal fan, it also provides strong suction power, low noise operation, non-stick grease filter and easy assembly installation.

SAFETY PRECAUTION

Never let the children operate the machine. The cooker hood is for home use only, not suitable for barbecue, roast shop and other commercial purpose.

The cooker hood and its filter should be clean regularly in order to keep in good working condition.

Clean the cooker hood according to the instruction manual and keep the unit from danger of burning. There is a fire risk if cleaning is not carried out in accordance with the instructions.

Forbid the direct baking from the gas cooker.

Please keep the kitchen room a good convection.

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

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;

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

Regulations concerning the discharge of air have to be fulfilled.

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 should be supervised to ensure that they do not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

Do not flame under the range hood.

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

The warning shall be in the same part of the instructions that include details of how to mount the equipment.

Electrical Shock Hazard

Only plug this unit into a properly earthed outlet. If in doubt seek advice from a suitably qualified engineer.

Failure to follow these instructions can result in death, fire, or electrical shock.

INSTALLATION STEPS

PREPARE FOR INSTALLATION:

The hood is designed to be used either for exhausting or filter version.

Ducting version:

In this case the fumes are conveyed outside of the building by means of a special pipe connected with the connection ring located on top of the hood.

Attention! The exhausting pipe is not supplied.

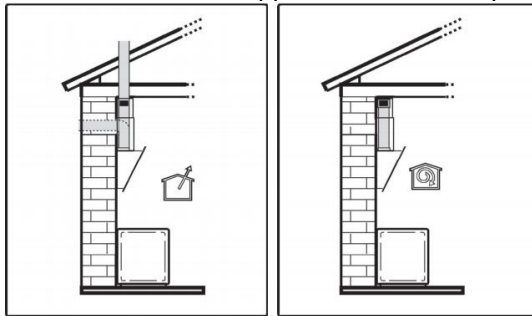
Diameter of the exhausting pipe must be equal to that of the connection ring.

Filter version:

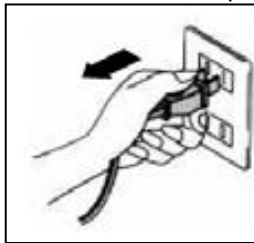
The aspirated air will be degreased and deodorized before being fed back into the room.

In order to use the hood in this version, you have to install a system of additional filtering based on activated charcoal.

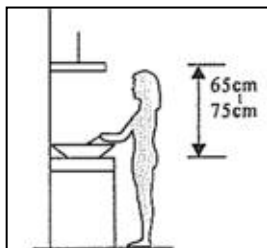
Attention! The charcoal filter is not supplied and must be purchased apart.



- b. Before installation, turn the unit off and unplug it from the outlet.

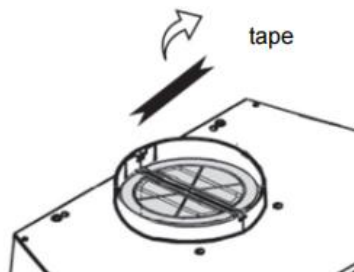


- c. The cooker hood should be placed at a distance of 65~75cm above the cooking plane for best effect.



2. Installation:

- Double check the tape on the vent has been removed.

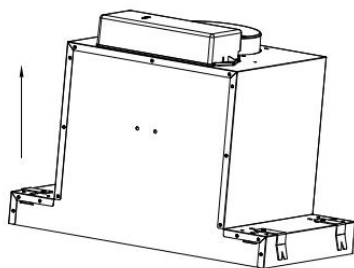
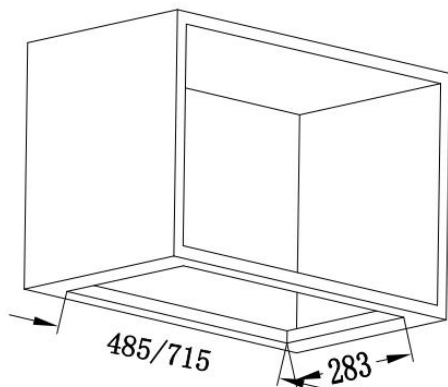


- The typical installation method for your under-mounted range hood is into a purpose built overhead/wall cabinet. Using a jigsaw, create the required cut-out for your under mounted range hood, as per the following:

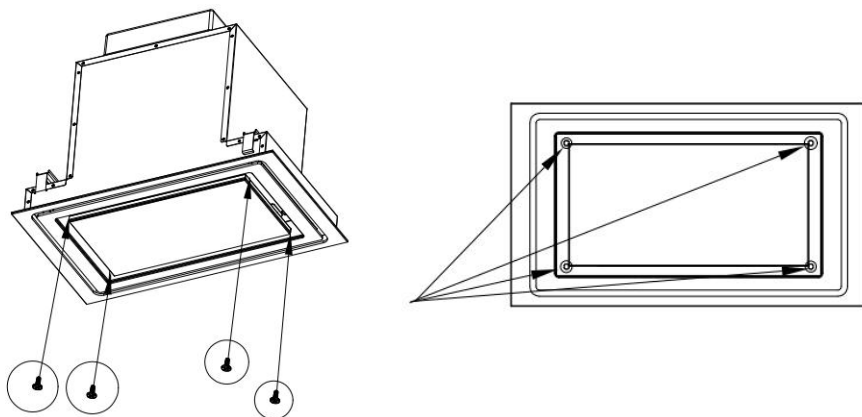
52cm: 485x265mm

75cm: 715x265mm

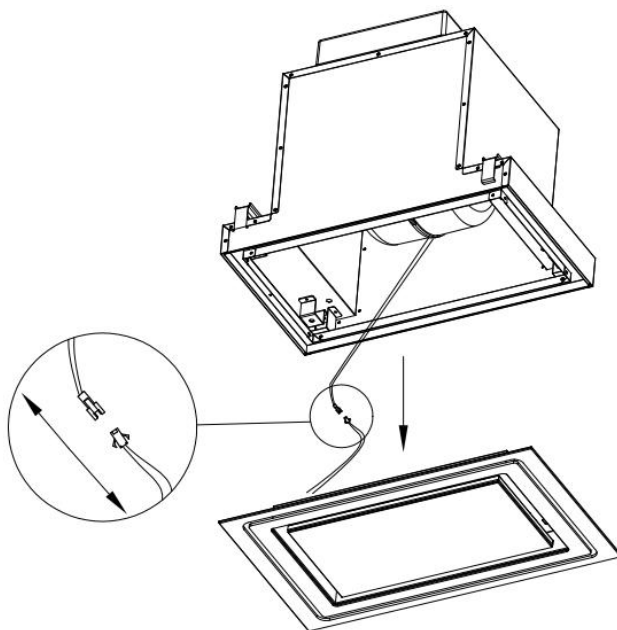
Noted: Make sure the cut-out is at least 35mm from the cabinet edge.



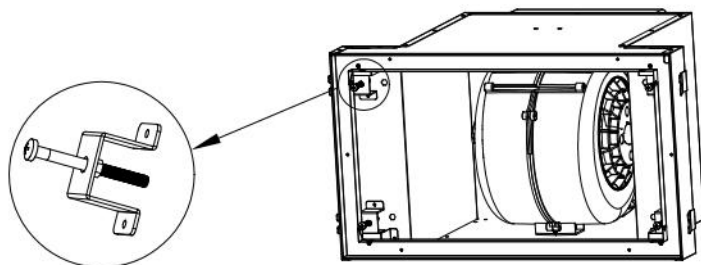
- Loosen the four screws on the panel.



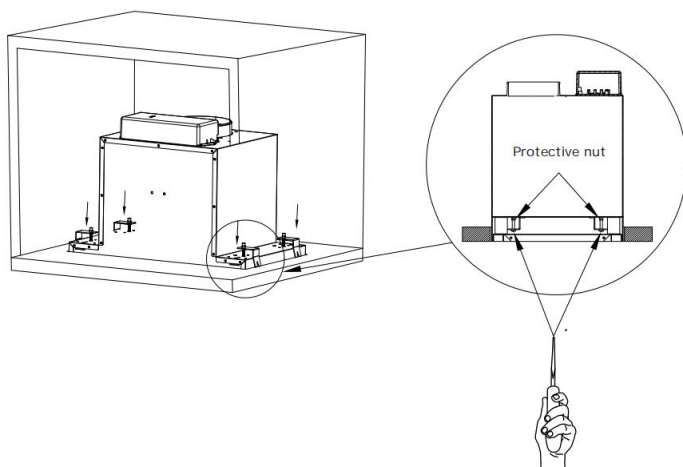
- Disconnect the switch wires and lamp wires from the terminal block, then remove the panel assembly.



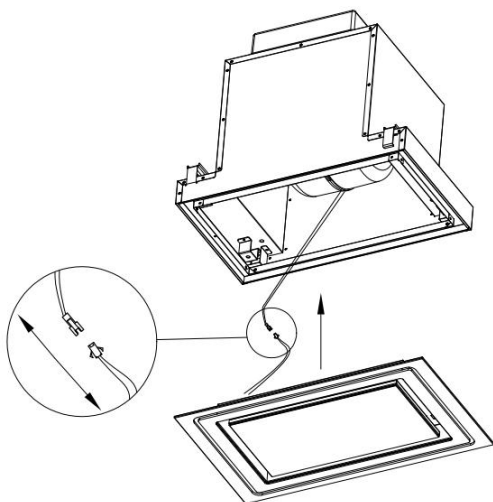
- Screw the protective nut on the mounting bracket until it reaches the position where there are no threads.



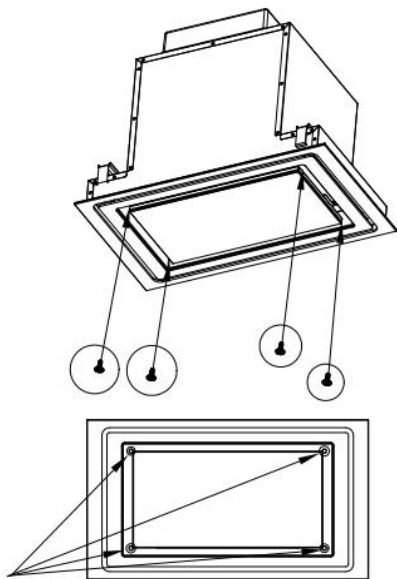
- Use a screwdriver to tighten the four mounting screws on the hanging brackets until the cabinet body is flush with the cabinet wood panel. Finally, lock the protective nuts securely to prevent loosening.



- Reinstall the switch cable and lamp cable connectors onto the panel assembly.



- Tighten the four screws on the panel. Finish installation.



OPERATION



On/Off button

It's used for turning on/off the fan. The initial speed setting is defaulted to the low speed with the digital display showing 'F1'. Speed resumes operation at the speed setting active at the time of previous shutdown on next start.



Light button



Digital display

Fan speed display:

"F0": Stop

"F1": Low speed

"F2": Medium speed

"F3": High speed

"FF": Booster speed



Speed button

Short press to change the speeds of the fan.



Delay shutdown button

Short press to enter delay shutdown function, it's defaulted to enter 5min delay shutdown function, light button and speed button will flash, press light button to decrease 1min and press speed button to increase 1min, minimum time is 1min and maximum time is 15min, wait for 3s to confirm the delay time, delay shutdown button will flash and start to count down.

During the countdown period, changing the fan speed does not affect the delayed shutdown. If the delay button is pressed again, the delayed shutdown will be canceled, the digital display will return to showing the fan speed setting, and the delay button indicator light will stop flashing and turn off.

After the countdown is complete, all button indicator lights turn off, the digital display shows the clock, the buzzer beeps three times continuously, the motor and lighting turn off, and the device enters the shutdown state.



Gesture control (Distance requirement: $8\text{mm} \leq D \leq 12\text{mm}$, counting from the surface of the panel)

1. In the standby mode, wave your palm from left to right at a constant speed wave, the first wave to switch to low speed(F1), the light will be turned on;
2. Keep waving from left to right to switch to next speed, the switch cycle is as follows: (F1-F2-F3-FF-F1)

3. In any state, the first time the palm is moved steadily from right to left, the device will enter a 5-minute delayed shutdown mode. Wave from right to left in second time to shut down the cooker hood directly.

Potential free relay

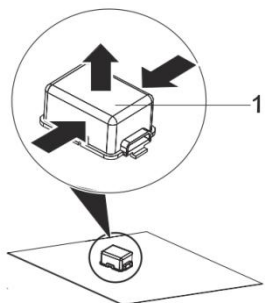


Fig. 1

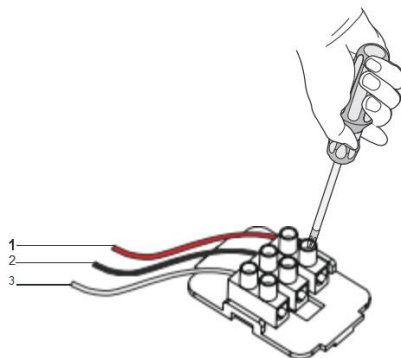
Potential-free relay

Your hood is equipped with a potential-free relay that can be connected to an external device(eg decentralized / recyclable) .

The relay can be found inside the hood or on top of the hood next to the trigger, depending on the model. To make the connection, the following should be followed:

- 1-Red-NC
- 2-Black-COM
- 3-White-NO

1. Red-NC: Normally Closed - Normally closed
2. Black-COM: Common - Common connection
3. White-NO: Normally Open - Normally open



Connection Methods:

1. NC/COM: When these two connections are used and the hood is switched off, then will the hood give the connected device a constant signal.(Fig.2)
2. NO/COM: When these two connections are used and the hood is switched on, then will the hood give the connected device a constant signal.(Fig.2)

MAINTENANCE

Attention!

Before cleaning switch the unit off and pull out the plug.

I. Regular Cleaning

Use a soft cloth moistened with hand-warm mildly soapy water or household cleaning detergent. Never use metal pads, chemical, abrasive material or stiff brush to clean the unit.

II. Monthly Cleaning for Grease Filter

ESSENTIAL: Clean the filter every month can prevent any risk of fire.

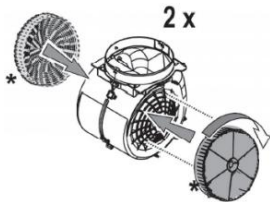
The filter collects grease, smoke and dust, so the filter is directly affecting the efficiency of the cooker hood.

If not cleaned, the grease residue (potentially flammable) will saturate on the filter. Clean it with household cleaning detergent.

III. Charcoal filter (filter version only)

It absorbs unpleasant odors caused by cooking.

The saturation of the charcoal filter occurs after more or less prolonged use, depending on the type of cooking and the regularity of cleaning of the grease filter. In any case it is necessary to replace the cartridge at least every four months. The charcoal filter may NOT be washed or regenerated.



NOTE:

Make sure the filter is securely fitted. Otherwise, it could loosen and fall out. This could cause damage to the appliance and danger to the user. When the activated charcoal filter is used, the extraction rate will be lower.

IV. LED Replacement

1. Switch the unit off and unplug the appliance.
2. Remove the panel by unscrewing the 4 screws.
3. Unscrew 4 screws of the led bracket and disconnect the switch cable and lamp cable connectors.
4. Replace with the same type and rated LED light.

Attention!

LED light is suggested to be replaced by qualified professionals.

TROUBLESHOOTING

Fault	Cause	Solution
Light on, but fan does not work	The fan blade is jammed.	Switch of the unit and repair by qualified service personnel only.
	The motor is damaged.	
Both light and fan do not work	light bulb burn.	Replace the bulb with correct rating.
	Power cord looses.	Plug in to the power supply again.
Serious Vibration of the unit	The fan blade is damaged.	Switch of the unit and repair by qualified service personnel only.
	The fan motor is not fixed tightly.	Switch of the unit and repair by qualified service personnel only.
	The unit is not hung properly on the bracket.	Take down the unit and check whether the bracket is in proper location.
Suction performance not good	Too long distance between the unit and the cooking plane	Readjust the distance to 65-75cm

ENVIRONMENTAL PROTECTION

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



This appliance is marked according to the European directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE). By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The symbol on the product indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. Disposal must be carried out in accordance with local environmental regulations for waste disposal.

For more detailed information about treatment, recovery and recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

