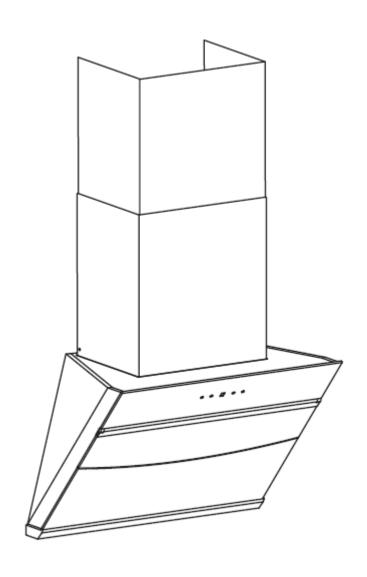


Instruction Manual

Cooker Hood HC-KRONOS-90



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SAFETY INSTRUCTIONS

This manual explains the proper installation and use of your cooker hood, please read it carefully before using even if you are familiar with the product. The manual should be kept in a safe place for future reference.

Never to do:

- Do not try to use the cooker hood without the grease filters or if the filters are excessively greasy!
- Do not install above a cooker with a high level grill.
- Do not leave frying pans unattended during use because overheated fats or oils might catch fire.
- Never leave naked flames under the cooker hood.



- If the cooker hood is damaged, do not attempt to use.
- Do not flambé under the cooker hood.
- CAUTION: Accessible parts may become hot when used with cooking appliances.
- The minimum distance between the supporting surface for the cooking vessels on the hob and the lowest part of the cooker hood. (When the cooker hood is located above a gas appliance, this distance shall be at least 65 cm)
- The air must not be discharged into a flue that is used for exhausting fumes from appliances burning gas or other fuels. Range hoods and other cooking fume extractors may adversely affect the safe operation of appliances burning gas or other fuels (including those in other rooms) due to back flow of combustion gases. These gases can potentially result in carbon monoxide poisoning. After installation

of a range hood or other cooking fume extractor, the operation of open flued gas appliances should be tested by a competent person to ensure that back flow of combustion gases does not occur.



Always to do:

- Important! Always switch off the electricity supply at the mains during installation and maintenance such as light bulb replacement.
- The cooker hood must be installed in accordance with the installation instructions and all measurements followed.
- All installation work must be carried out by a competent person or qualified electrician.
- Please dispose of the packing material carefully. Children are vulnerable to it.
- Pay attention to the sharp edges inside the cooker hood especially during installation and cleaning.
- Make sure the ducting has no bends sharper than 90 degrees as this will reduce the efficiency of the cooker hood.
- Warning: Failure to install the screws or fixing device in accordance with these instructions may result in electrical hazards.
- Warning: Before obtaining access to terminals, all supply circuits must be disconnected.

Always to do:

- Always put lids on pots and pans when cooking on a gas cooker.
- When in extraction mode, air in the room is being removed by the cooker hood. Please make sure that proper ventilation measures are being observed. The cooker hood removes odours from room but not steam.
- There shall be adequate ventilation of the room when the cooker hood is used at the same time as appliances burning gas or other fuels.
- Cooker hood is for domestic use only.



- 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.
- 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.



Always to do:

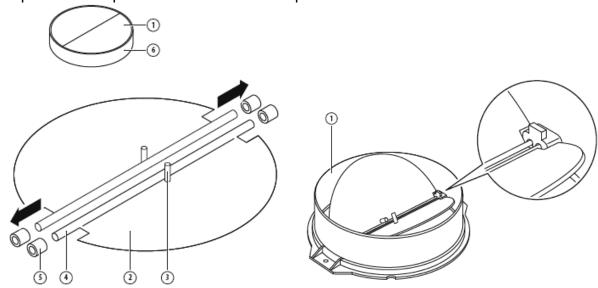
- Caution: The appliance and its accessible parts can become hot during operation. Be careful to avoid touching the heating elements.
 Children younger than 8 years old should stay away unless they are under permanent supervision.
- There is a fire risk if cleaning is not carried out in accordance with the instructions.
- Regulations concerning the discharge of air have to be fulfilled.
- Clean your appliance periodically by following the method given in the chapter MAINTENANCE.
- For safety reason, please use only the same size of fixing or mounting screw which are recommended in this instruction manual.
- Regarding the details about the method and frequency of cleaning, please refer to maintenance and cleaning section in the instruction manual.
- Cleaning and user maintenance shall not be made by children without supervision.
- ■When the cooker hood and appliances supplied with energy other than electricity are simultaneously in operation, the negative pressure in the room must not exceed 4 Pa(4 x 10⁻⁵ bar).
- WARNING: Danger of fire: do not store items on the cooking surfaces.
- A steam cleaner is not to be used.
- NEVER try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket.

INSTALLATION (VENT OUTSIDE)

MOUNTING OF THE V-FLAP

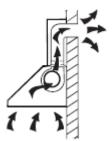
If the cooker hood does not have an assembled V-flap 1, you should mount the half-parts to its body. The images only show an example of how to mount the V-flap, because the outlet may vary according to different models and configurations. To mount the V-flap 1 you should:

- Mount two half-parts 2 into the body 6;
- the pin 3 should be top oriented;
- the axis 4 should be inserted into the holes 5 on the body;
- repeat all the operations for the 2nd half-part.



INSTALLATION

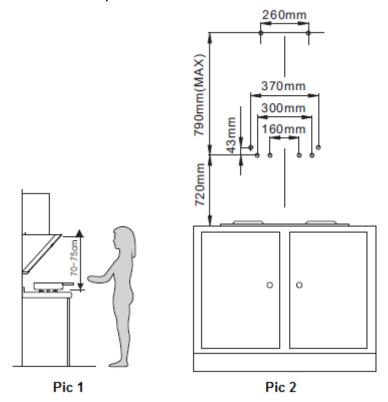
If you have an outlet to the outside, your cooker hood can be connected as below picture by means of an extraction duct (enamel, aluminium, flexible pipe or non-flammable material with an interior diameter of 180mm)



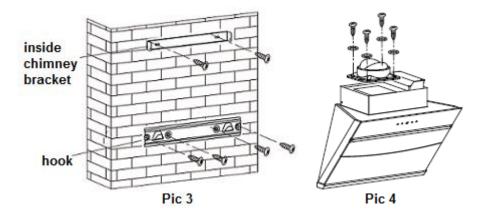
1. Before installation, turn the unit off and unplug it from the outlet.



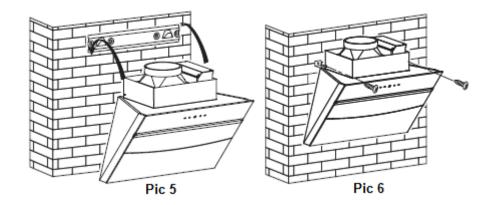
2. The cooker hood should be placed at a distance of 70~75cm above the cooking surface for best effect. See pic 1.



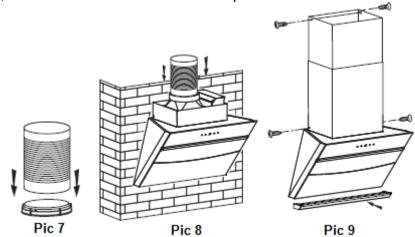
- 3. After decide the cooker hood height, according to the center distance of the mounting hole on the back of the hood, drill 8 Φ 8mm holes in the appropriate horizontal position on the solid place on the wall. See pic 2.
- 4. Insert wall plugs in to the mounting holes. Fix the hook and the inside chimney bracket on the wall with 6 pcs ST4×30mm screws. See pic 3.



- 5. Install the outlet on the hood with 4 pcs ST4×14mm screws and washers. See pic 4.
- 6. Hang the hood on the hook and make sure it is firmly placed. See pic 5.



- 7. Place the anti-tilt mounting hooks on both sides of the top surface of the hood, screw in the 2 pcs ST4×30mm screws and lock them, and fix the hood to prevent the hood from falling. See pic 6.
- 8. After putting one end of the expansion pipe into the joint, tighten the four screws on the joint to fix the expansion pipe, see pic 7. Put the joint into the outlet and tighten it clockwise, then lead it to the outdoor. See pic 8.



9. Place the chimneys in the appropriate position on the top of the hood and lock the outside chimney with 2 pcs ST4×10mm screws. Lift the inside chimney to the position of the inside chimney bracket, then fix it with 2 pcs ST4×10mm screws, and finally insert the oil cup into the bottom of the hood. See pic 9.

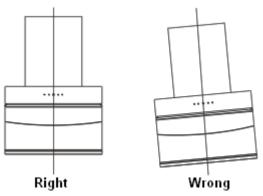
HINTS FOR EXHAUST DUCT INSTALLATION

The following rules must be strictly followed to obtain optimal air extraction:

- · Keep expansion pipe short and straight.
- Do not reduce the size or restrict the expansion pipe.
- When using the expansion pipe always install the pipe pulled taut to minimize pressure loss.
- Failure to observe these basic instructions will reduce the performance and increase noise levels of the cooker hood.
- Any installation work must be carried out by a qualified electrician or competent person.
- •Do not connect the ducting system of the hood to any existing ventilation system

which is being used for any other appliance ,such as warmer tube, gas tube , hot wind tube.

- •The angle of the bend of the expansion pipe should not be less than 120°; you must direct the pipe horizontally, or, alternatively, the pipe should go up from the initial point and should be led to an outer wall.
- •After the installation ,make sure that the cooker hood is level to avoid grease collection at on end.
- •Ensure the expansion pipe selected for installation complies with relevant standards and is fire retardant.



WARNING:



- For safety reason, please use only the same size of fixing or mounting screws which are recommended in this instruction manual.
- Failure to install the screws or fixing device in accordance with these instructions may result in electrical hazards.

Start Using Your Cooker Hood

LED touch control











LED touch control has four buttons, see picture.



- Power-on: After connecting the cooker hood to the main supply, the indicator light of all buttons will turn on. The LED display is closed .The cooker hood doesn't work and enter into stand-by mode.
- 2. (Power) button:
- 2.1 Press (Power) button, the front cover of the cooker hood will be opened. The indicator light of this button will be on and the hood will work at low speed, and the light will be on. The indicator light of the buttons (Speed) and (Lamp)

will be on. Press (Power) button again, the front cover of the cooker hood will be closed. The indicator light of all buttons will be off and the cooker hood will be turn off and return into stand-by mode. The speed button of the hood can only be operated when the cover is opening.

- 2.2 If the front cover is open before power-on, the front cover will be retracted automatically after power-on.
- 3. (Lamp) button:
- 3.1 Press (Lamp) button, the front cover of the cooker hood will be opened. The indicator light of power button and lamp button as well as the lights will be on. Press again, the indicator light of lamp button and the lights will be off. The above steps can be operated repeatedly.

4. (Speed) button:

The cooker hood has three speed levels ,they are low,mid,high, and the corresponding LED display will be "1", "2", "3".

- 4.1 After switching on by the power button, the hood starts to work at low speed and the LED display will display "1".
- 4.2 Press (Speed) button again when it works at low speed, the cooker hood works at mid speed and the LED display will display "2".
- 4.3 Press (Speed) button again when it works at mid speed, the cooker hood at high speed and the LED display will display "3"
- 4.5 During the working, you can touch **(Speed)** button to change the speed circularly: "low→mid→high→low→mid······"
- 5. (Heat auto clean) button: This function works by attaching the warmer pad of metal housing to heat up the inside of the housing so that the residual oil inside drips from the leaking hole to the oil cup.
- 5.1 Press the heat auto clean button once, indicator light will light up. And the heat auto clean function is activated. Press this button again will exit the function, indicator light will be off. The above steps can be repeated operating. The heat auto clean function of the hood can only be operated when the cover is opening.
- 5.2 When the hood is working, the heat auto clean function is started and the manual working state is automatically exited. When is operated manually ,the heat auto clean function will automatically exit.
- 5.3 Every time when the heat auto clean function is activated: the hood will heat up for 9mins first, then stop heating automatically. The motor will work at high speed for 60 seconds and then switch off. Meanwhile, the hood will exit heat auto clean function and indicator light will be off.

TROUBLESHOOTING

| Fault | Possible Cause | Solution |
|--|---|--|
| Light on, but motor does not work | Fan switch turned off | Select a fan switch position. |
| | Fan switch failed | Contact service center. |
| | Motor failed | Contact service center. |
| Light does not work, motor does not work | House fuses blown | Reset/Replace fuses. |
| | Mains power cable is loose or disconnected | Refit mains power cable to power outlet. Switch power outlet on. |
| Oil leakage | One way valve and the outlet are not tightly sealed | Take down the one way valve and seal with sealant. |
| | Leakage from the connection of chimney and cover | Take chimney down and seal. |
| Lights not working | Broken or faulty bulbs | Replace bulbs as per this instruction. |
| Insufficient suction | The distance between the cooker hood and the gas top is too far | Refit the cooker hood to the correct distance. |
| The Cooker hood inclines | The fixing screw is not tight enough | Tighten the hanging screw and make it horizontal. |

NOTE:

Any electrical repairs to this appliance must conform to your local, state and federal laws. Please contact the service centre if in any doubt before undertaking any of the above. Always disconnect the unit from the power source when opening the unit.

MAINTENANCE AND CLEANING

Caution:

 Before maintenance or cleaning is carried out, the cooker hood should be disconnected from the mains power supply. Ensure that the cooker hood is switched off at the wall socket and the plug removed.



• External surfaces are susceptible to scratches and abrasions, so follow the cleaning instructions to ensure the best possible result is achieved without damage.

GENERAL

Cleaning and maintenance should be carried out with the appliance cold especially when cleaning. Avoid leaving alkaline or acid substances (lemon juice, vinegar etc.) on

the surfaces.

STAINLESS STEEL

The stainless steel must be cleaned regularly (e.g.weekly) to ensure a long life expectancy. Dry with a clean soft cloth. A specialized stainless steel cleaning fluid may be used.

NOTE:

Ensure that wiping is done along with the grain of the stainless steel to prevent any unsightly crisscross scratching patterns from appearing.

CONTROL PANEL SURFACE

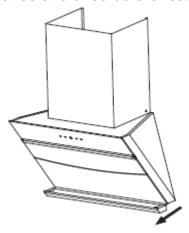
The inlay control panel can be cleaned using warm soapy water. Ensure the cloth is clean and well wrung before cleaning. Use a dry soft cloth to remove any excess moisture left after cleaning.

Important

Using neutral detergents and avoid using harsh cleaning chemicals, strong household detergents or products containing abrasives, as this will affect the appearance of the appliance and potentially remove any printing of artwork on the control panel and will void manufactures warrantee.

THE OIL CUP

- Your cooker hood includes a unique oil cup which collects the oil that is deposited on the grease filters.
- When the oil cup is about 2/3 full the oil cup needs to be cleaned.
- Take away the oil cup as the diagram shows, slightly pull the oil cup forwards to release it from the cooker hood.
- Discard the oil before cleaning/washing the cup.
- Ensure the cup has been cleaned and dried before reattaching to the Cooker hood.



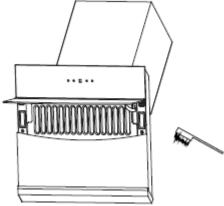
GREASE MESH FILTERS

The mesh filters can be cleaned by hand.

Cleaning method is as follows:

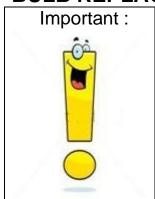
- 1. Turn on the cooker hood.
- 2. When the cover glass is opened fully, you can turn off the hood. At this moment, you can see the grease mesh filter.

3. Use a soft brush to brush it gently with a mild detergent. Then dry with a clean and soft rag. Please do not apply too much pressure, avoid to damage it.



Note: All cooker hood filters are made of metal. Please do not use cleaners that corrode metal products when cleaning. It is advisable not to use rinse aid.

BULB REPLACEMENT



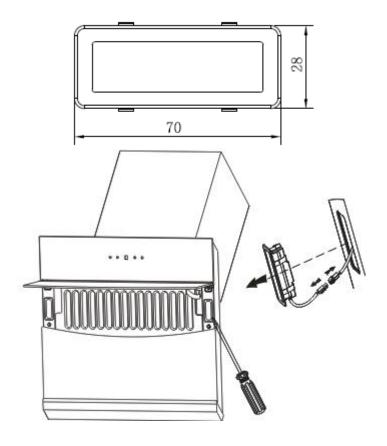
- ♦ The bulb must be replaced by the manufacturer, its service agent or similarly qualified persons.
- Always switch off the electricity supply before carrying out any operations on the appliance. When handling bulb, make sure it has completely cooled down before any direct contact to hands.
- When handling blubs hold with a cloth or gloves to ensure perspiration does not come in contact with the blub as this can reduce the life of the bulb.

Note:

- Before changing the lights, make sure that the appliance is turned off and unplugged.
- Protect against danger when changing lights, such as wearing gloves.

Changing the lights:

- Turn on the cooker hood and turn off the power after the cover glass is opened fully.
- Use straight screwdriver to prize up the LED light bottom edge, then slightly pull out the LED light and light connecting wire.
- Apply the reverse procedure to install the light back.
- ILCOS D code for this lamp is: DSS-1.5/65-S-70/28
- LED modules –rectangle lamp
- Max wattage: 2×1.5 WVoltage range: DC 12V
- Dimensions:



ENVIRONMENTAL PROTECTION:



This product is marked with the symbol on the selective sorting of waste electronic equipment. This means that this product must not be disposed of with household waste but must be supported by a system of selective collection in accordance with Directive 2012/19/EU. It will then be recycled or dismantled to minimize impacts on the environment, electrical and electronic products are potentially dangerous for the environment and human health due to the presence of hazardous substances. For more information, please contact your local or regional authorities.

NOTE:

The following shows how to reduce total environmental impact (e.g. energy use) of the cooking process).

- (1) Install the cooker hood in a proper place where there is efficient ventilation.
- (2) Clean the cooker hood regularly so as not to block the airway.
- (3) Remember to switch off the cooker hood light after cooking.
- (4) Remember to switch off the cooker hood after cooking.

INFORMATION FOR DISMANTLING

Do not dismantle the appliance in a way which is not shown in the user manual. The appliance could not be dismantled by user. At the end of life, the appliance should not be disposed of with household waste. Check with your Local Authority or retainer for recycling advice.