



**LUXAIR™**  
EXTRACTION WITH ATTRACTION

# USER MANUAL

cooker hood



**LA-90-ORION-STRATOS**

*Dear Customer,*

*Congratulations on purchasing the latest generation of cooker hood.*

*This cooker hood has been designed and manufactured to meet individual expectations and will be suitable for modern kitchens. Its constructional solutions and cutting-edge manufacturing technology ensure its high functionality and aesthetics. Please read these instructions carefully before installing the hood to ensure trouble-free fitting and operation.*

*We hope that using Luxair cooker hoods will be a satisfying and rewarding experience.*

## **I. GUIDELINES FOR SAFE OPERATION OF THE COOKER HOOD**

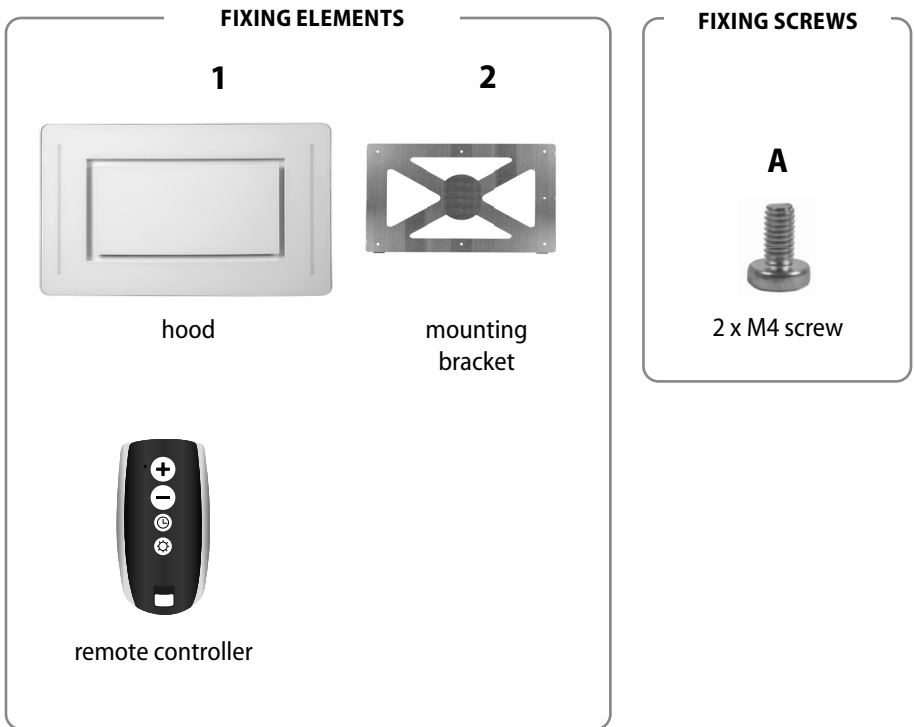
- 1. Read these instructions carefully before installation.**
2. Install the hood as described and instructed in the "Installation" section.
3. The cooker hood must be plugged only to a power outlet with a properly functioning earthing connection. Check that the mains supply corresponds to the ratings specified on the hood rating plate.
4. Electric power sockets for the permanent installation must not be located under the cooker hood.
5. Make sure that the power cord is not located under the cooker hood.
6. In order to avoid hazard, a damaged integral power cord should only be replaced by the manufacturer, a service technician or by a qualified person.
7. If the cooker hood is damaged, it can only be repaired by the manufacturer, by a service technician or by a qualified person.
8. For details on cleaning method and intervals, please refer to the "Maintenance" section.
9. Before cleaning or replacing the filter unplug the hood from the electrical outlet or, if the hood is permanently connected to the electrical installation, disconnect the power supply.

10. There is a risk of fire if cleaning is not carried out as described in the manual.
11. Do not light open flame under the cooker hood.
12. Food prepared with fats should be constantly attended to, as heated fat can easily ignite.
13. NOTE: Some parts of the hood may become hot when cooking devices are used.
14. Persons with physical and mental impairments, persons with no experience and knowledge of the equipment, and children under 8 must be supervised or instructed in the safe use of the unit so that the hazards involved are well understood. Children must not be allowed to play with the unit. Unsupervised children must not be allowed to clean or maintain the equipment.

## II. CHARACTERISTICS

The cooker hood is designed for filtering cooking fumes. It is intended for use indoors. The cooker hood does not require to exhaust which extracts air outside. With an activated charcoal filter installed, the hood works as an odour absorber. The cooker hood is an electrical appliance rated Class I for electric shock protection. It has built-in LED lighting and an extraction fan that can be set to one of four speeds. The hood is designed to be permanently fixed to the ceiling above a gas, electric or induction cooker. **The hood can only be mounted on a concrete structure ceiling, or - if the ceiling is made of plasterboard - on a suitably prepared frame. The structure must be able to bear the weight of at least 80 kg.**

## III. KIT CONTENTS



## IV. INSTALLATION

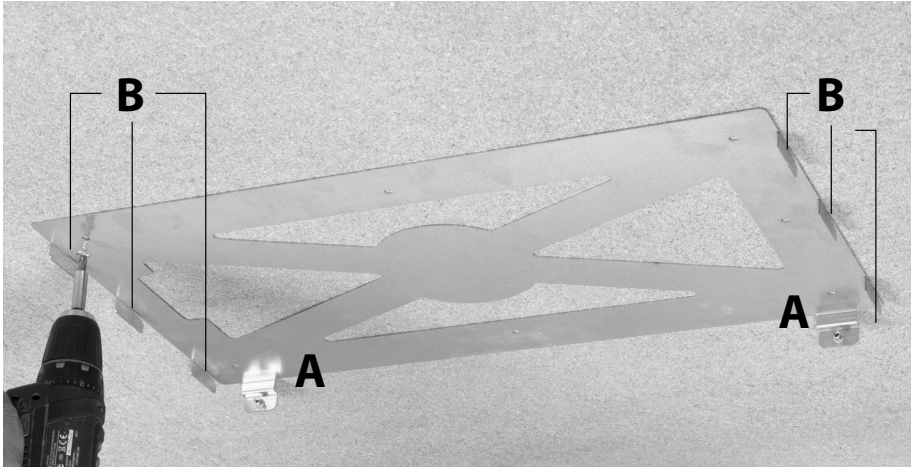
Before installing the hood, connect it to the mains supply (230 V ~ 50 Hz) to check that the lighting and the motor work properly. The hood installation location should provide easy access to an electrical outlet for emergency unplugging and cutting off power to the appliance.

**A minimum of two people recommended for hood installation.**

### **REMARKS AND RECOMMENDATIONS:**

- Do not remove any protective film or paper from the hood before the installation is complete.
- The hood must be installed at a distance of at least 65 cm above the cooking plate of an electrical device, and at least 75 cm above the cooking plate of a gas device. The distance is measured between the surface supporting the cooking utensils on the cooking plate and the lowest part of the cooker hood. If a greater distance is specified in the instructions for installing gas devices, this must be taken into account.

## STEP 1



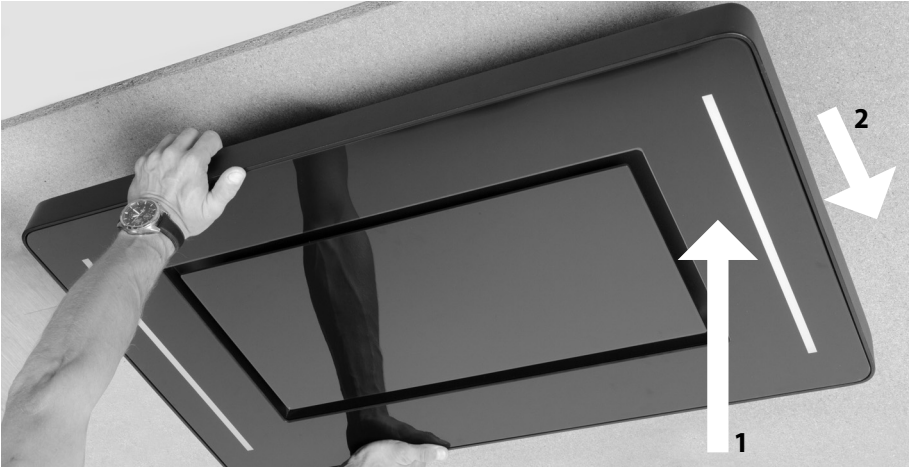
**Fix the ceiling bracket to the ceiling in the desired location.**  
**We recommend installing the hood with seven wall plugs of minimum  $\varnothing 10$  mm (not included in the kit).**

## STEP 2



**Locate the installation holes on top of the motor.**

### STEP 3



**Lift the hood to the ceiling bracket. Ensure the holes on top of the motor correspond to the slider fixings on the bracket. Slide in to position.**

### STEP 4

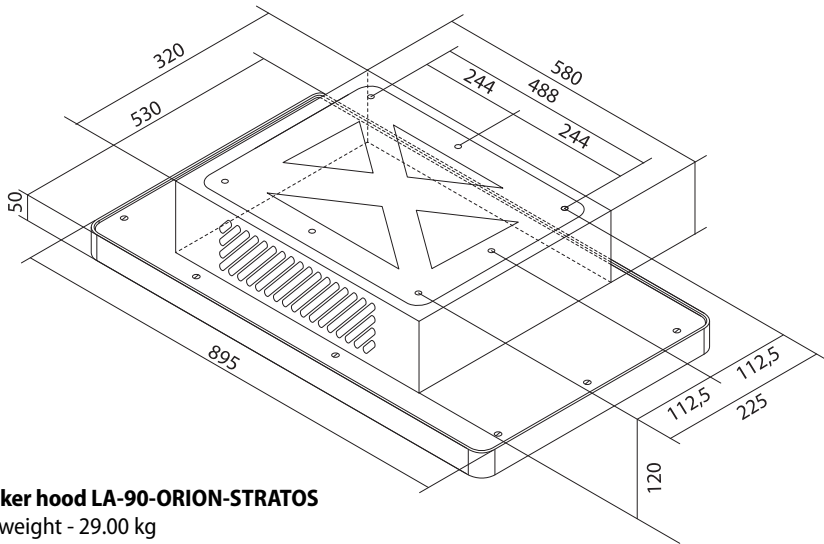


**Secure with safety screws.**

# V. SPECIFICATIONS

Power supply voltage:	230 V~50 Hz	
Number of fan motors:	1	
Number of aluminium filters:	1	
Lighting:	2 x 4 W strips LED	
Speed gears:	4	
Width:	900 mm	
Maximum output:	900 m <sup>3</sup> /h	
Maximum power consumption:	122 W	
Turbine parameters 900 [m <sup>3</sup> /h]	Noise level	Output
1 gear	44 dB(A)	630 [m <sup>3</sup> /h]
2 gear	51 dB(A)	770 [m <sup>3</sup> /h]
3 gear	59 dB(A)	900 [m <sup>3</sup> /h]
4 gear (high output)	64 dB(A)	980 [m <sup>3</sup> /h]
Operation mode:	absorber	
Control panel:	radio control + remote controller	

# ILLUSTRATION



## Cooker hood LA-90-ORION-STRATOS

net weight - 29.00 kg

gross weight - 32.50 kg



## VI. OPERATION MODE OF THE KITCHEN HOOD

### Setting up for the odour absorber mode

In this mode, the filtered air is recirculated back into the room through openings found on both sides of the hood. Use charcoal filters for this operation mode.

Charcoal filters should be replaced with a new one every 3 to 6 months.

Regenerable activated carbon filters must be washed by hand, with non-abrasive neutral detergents, or in a dishwasher with a maximum temperature of 65°C (the washing cycle must be complete without dishes).

Remove excess water without damaging the filter, remove the plastic parts, and allow the mattress to dry in the oven for at least 15 minutes at a maximum temperature of 100 °C. To keep the function of the regenerable carbon filter efficient, this operation must be repeated every 2 months. These must be replaced at least every 3 years or when the mattress is damaged.

## VII. OPERATING THE HOOD

### Safety of usage

When using a gas cooker, special care must be taken not to use the burner without a cookware placed on it.



Due to the risk of fire, any cooking under the hood involving oils and grease must only be carried out under constant supervision. The risk of spontaneous combustion is greater with previously used oil. Always make sure the flame does not go beyond the cookware, as this causes unnecessary energy loss and dangerous heat concentration. The hood must not be used for purposes other than intended (eg: industrial catering)




### Operation by remote controller

The hood may also be operated by means of the remote controller:

- The „-“ button decreases turbine speed.
- The „+“ button increases turbine speed.
- The „☀“ button controls the lighting.
- The „🕒“ button is used to control the “Timer” function, described on the following page.

The cooker hood can be programmed to automatically switch off the turbine in up to 9 minutes. The timer is activated by pressing the  button while the hood is running on the desired gear. Use the "+" and "-" buttons to set the desired unit operation time in increments of 1 min. To confirm your choice and start the timer, either press the button or wait 5 seconds without pressing any buttons. The "Timer" function is deactivated by pressing the button again during the time  countdown.

## VIII. MAINTENANCE

Regular maintenance and cleaning of the unit will provide a good and  reliable operation of the hood and it will extend its life. It is important to clean the grease filter on regular basis, and especially the one with activated charcoal, which should be replaced in accordance with the manufacturer's recommendations.

### Grease filter

The grease filters (aluminium) should be cleaned every two months either in a dishwasher (using a short programme for gentle cleaning) or by hand using a mild dish-washing liquid.

To remove the aluminium filter, release the lock latch and then pull the filter diagonally downwards. After cleaning, dry the filter and insert it into the hood.

### Charcoal Filter

Charcoal filter cassette can only be used when the hood is not connected to the ventilation shaft. The filters can be purchased at home appliance stores or from the hood manufacturer. To make sure the right cassette type is purchased, check the type of hood on the rating plate located on the inside of the hood body. The rating plate is accessible only after removing the aluminium grease filter.

The active charcoal filter cassette absorbs odours until it reaches its saturation point. Charcoal filters are not washable or recyclable and should be replaced every 3 to 6 months, or more often if the hood is used intensively.

To install the active charcoal cassette, open the hood flap, remove the aluminium filter, then install the round charcoal filter cassette in the holder. After installing or replacing the filter, insert back the aluminium filter and close the hood flap.



## **Lighting**

The cooker hood is equipped with two LED strips, each of 4 W output and 12 V voltage. The LED strips have a lifespan of up to 10,000 hours. It is not possible to replace individual LEDs.

In case of damage to the lighting fitting with LED module, it may only be replaced by the manufacturer's service or by a suitably qualified person.

## **CLEANING**

### **General rules for maintenance and cleaning of Luxair cooker hoods.**

#### **Stainless steel:**

When cleaning stainless steel, do not use highly abrasive materials, do not clean with inorganic acids or agents containing sodium hypochlorite, which may cause surface discolouration and pitting corrosion. It is forbidden to use dirty cleaning rags.

Hoods can be cleaned with synthetic fibre brushes, soft, clean cloths, phosphoric acid-based cleaning agents, citric acid-based cleaning agents, agents dedicated to chrome-plated surfaces and stainless steel generally available in home appliance stores. As a final step, apply oil for shine or rinse with clean water and dry with a soft cloth.

For more persistent stains, use a mild soap or detergent (baking soda, vinegar, citric acid) and a soft brush. Rinse thoroughly after cleaning. In case of minor rusting, use household cleaners containing calcium carbonate or citric acid, dedicated to stainless steel. Rinse thoroughly with water.

If necessary, use professional service providers or dedicated steel pickling and passivation products.

#### **Lacquered steel:**

For cleaning lacquered surface, we recommend liquid, mild detergents, diluted in warm water (e.g. glass cleaner). All surfaces should be cleaned with a soft cloth, sponge or natural bristle brush. Abrasive materials may cause permanent damage to the coating.

**Luxair Cooker Hoods Ltd shall not be responsible for any damage to the surface if the above guidelines are not followed.**

## **Disposal of your old appliance:**

This unit has been designed and manufactured with high quality and recyclable materials and components. The WEEE label (crossed-out wheeled bin) indicates that the product is subject to selective waste collection in accordance with Directive 2012/19/EU of the European Parliament and of the Council and informs



that the unit shall not be disposed of with other household waste. As a user, you are obliged to deliver the product to a waste electrical and electronic equipment collector which is a part of a waste electrical and electronic equipment collection system - including to an appropriate store, local collection point or municipal unit. Due to the potential content of hazardous substances, mixtures and components, used equipment can have harmful impact on the environment and human health. Selective waste collection also facilitates the recovery of materials and components that were used to manufacture the unit. Households play an important role in the process of reusing and recovering secondary raw materials, including the recycling of waste equipment. This process builds positive attitudes of preserving and protecting natural environment. Penalties may be imposed under national legislation if this product is disposed of incorrectly.

## **IX. MANUFACTURER'S DECLARATION:**

The cooker hood meets all the requirements stipulated in the applicable EU legislation. Consequently, a declaration of conformity was issued for the unit and it was CE marked.

## X. GUARANTEE CONDITIONS

1. The selling party guarantees proper work the unit for the period of 12 months as of the date of sales. Any manufacturing defects found during this period will be rectified free of charge.
2. The warranty card shall only be valid with the proof of purchase.
3. The warranty does not cover:
  - a) mechanical damages to the unit caused by the user;
  - b) damages and defects resulting from:
    - the use, storage or maintenance which is improper or not compliant with the instructions;
    - the use of inappropriate materials, cleaning agents or maintenance products;
    - failure to comply with the manufacturer's recommendations regarding the operation of the unit outside individual households (e.g.: in public catering establishments, catering facilities, etc.);
    - unauthorised repairs, constructional alterations or modifications;
  - c) damage caused by external factors beyond the manufacturer's control (e.g. transport, incorrect supply voltage).
4. The warranty is valid as of the date of installation of the product.

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Date of sold

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Stamp and signature

# XI. REPAIR HISTORY

No.	Report date	Date of repair serviceman's signature	Repair details



Luxair Cooker Hoods Limited  
Units 4 & 5,  
Barker Business Park,  
Melmerby, Ripon, HG4 5NB  
Tel: +44 (0)1765 641888  
[Info@luxairhoods.com](mailto:Info@luxairhoods.com)