

TROUBLESHOOTING

WARNING: Always ensure power is disconnected prior to carrying out any work.

Problem	The unit is not functioning
Solution	Ensure the power supply is connected and working properly. Check the internal plug is fully inserted.
Problem	The lamp is not on
Solution	Ensure lamp is fully inserted into socket. Contact manufacturer for advice.
Problem	Excessive metallic/electrical odour produced by unit
Solution	This is harmless and quite normal during the first 48 hours of operation, if it continues beyond that time contact manufacturer for advice.
Problem	Airflow is weak through the unit
Solution	Check for blockages at either end of the unit. Follow instruction on cleaning the unit.
Problem	Unit appears to be working correctly but odours remain
Solution	Follow instructions on cleaning the unit. Replace or upgrade the lamp in the unit. Contact manufacturer for advice.
Problem	When first installed the odours were cleared but now they have returned
Solution	Follow instructions on cleaning the unit. Replace or upgrade the lamp in the unit.

TECHNICAL DETAILS

- Dimensions:** 410mm (L) x 130mm (W) x 95 (D) (Not including hoses & vents)
- Construction:** Polycarbonate body
- Power Supply:** 220-240V, 50/60Hz 20 watts (via fused spur)
- Weight:** 1.8kg
- Operation:** Continuous indicated by green LED on vent. Requires annual lamp change.

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If you are unsure about any instructions or have a problem not listed above contact manufacturer:

Formula Systems
Tel: +44 (0)1865 882330
sales@formula-systems.com
www.formula-systems.com



THE FORMULA SYSTEMS STERASPACE ELEVATOR PEA-02 INSTRUCTION MANUAL



**Please read prior to installing
your new unit
SAVE THESE INSTRUCTIONS**



**DO NOT LOOK DIRECTLY AT THE LAMP
WHEN IN OPERATION**

UV Radiation is very harmful to eyes and skin.
Strictly observe the instructions.

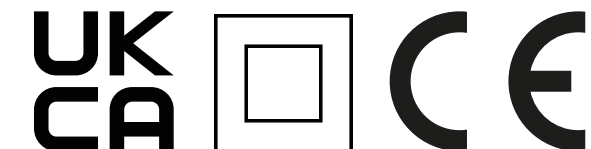
The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.

Do not let children play with the appliance.

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Formula Systems
Technology House, Oakfield Estate,
Eynsham, Oxford OX29 4AQ, UK.
Tel: +44 (0)1865 882330

sales@formula-systems.com
www.formula-systems.com



SAFETY INFORMATION

WARNING – TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.

Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.

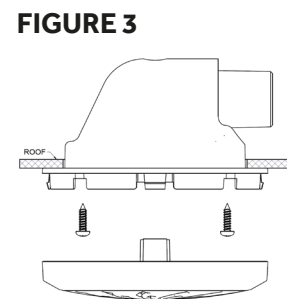
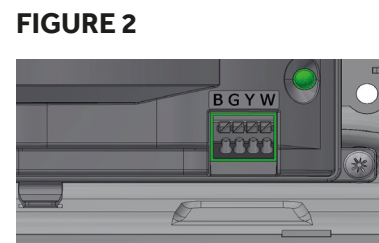
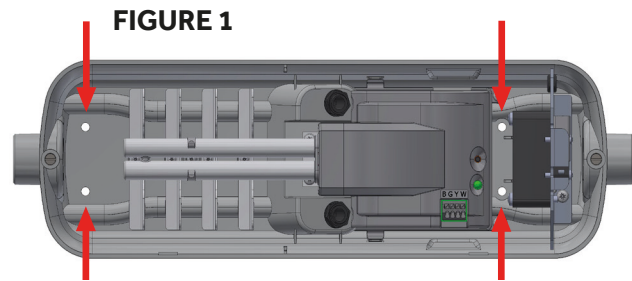
Do not touch the glass portion of the UV lamp or surrounding catalyst plates with bare hands. Use clean gloves to avoid skin oils that will harm the UV lamp. If the lamp is touched in error clean with an alcohol based cleaner.

OPTIMUM INSTALLATION CONDITIONS

1. An ideal location for the plasma outlet vent is close to the main source of odour (i.e. elevator buttons).
2. Aim for maximum possible distance between inlet and outlet vents for better air circulation in the car.
3. Plasma outlet vents must be away from ventilation/air conditioner outlets.
4. Make sure there are no sharp bends on the hose which will restrict the air flow.

FITTING INSTRUCTIONS

1. Vents Installation - Select the locations where the inlet and outlet vents are to be installed. Create 102mm holes and insert vent body in a position with hose insert toward the unit location. Follow optimum installation guidance where possible.
2. Fix vent body to the roof with 4 screws provided (Figure 3). Feed the LED cable through the vent body hole at the central location and clip vent bezel to the body.
3. Unit installation - remove the 2 screws on the top cover (Figure 1). Connect LED cable through cable gland to the terminal according to the colour code (Figure 2).
4. Select intended position of unit either on the top of the car roof or upside down in the carriage cavity. Ensure air is moving through the unit in the desired direction. The flow direction arrow at the base of the unit should always be pointing towards the outlet vent.



LEAF0446 ISS 01



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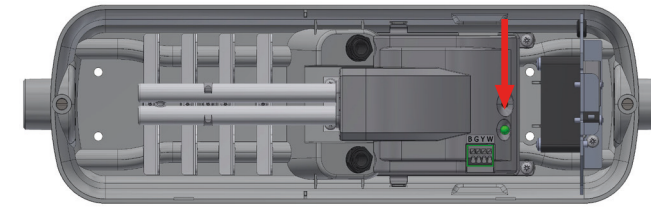


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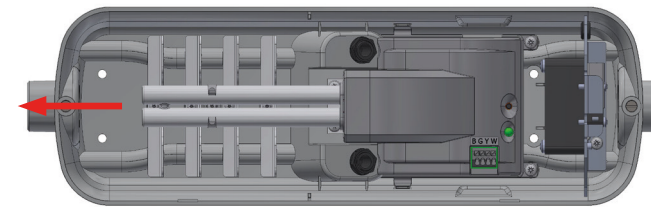
5. Drill 4 holes at the positions as shown on Figure 1 and fix the unit in place using suitable fixings. The unit should be held firmly to avoid excessive vibration during operation. Ensure main cable and LED cables are in the cable channels at the base of the unit.
6. All electrical connections must be compliant with local and national standards. Any electrical installation work must be done by qualified person(s) in accordance with all applicable codes and standards including fire rated constructions.
7. Connect the mains cable through a fused spur with switch.
8. Attach 2 hoses between the unit and vents and fix with hose clips provided. Trim hoses if required, they should attach straight to the unit without any bends.
9. The LED cable from the vent to the units need to be tied along the hose using the cable ties provided.
10. Turn the power on. The LED will flash blue (ideal mode). Press button 3 times to reset the clock and the LED will flash green for 3 seconds.
11. Replace the cover and fix with the 2 screws provided.

SERVICE/LAMP CHANGING INSTRUCTIONS

1. UV lamp needs to be replaced once a year. The LED on the vent will turn yellow after 11 months and will then turn red after 12 months of lamp use. Contact manufacturer to order replacement lamp.



2. Ensure all power to the unit and intended electrical supply is disconnected.
3. Loosen the 2 screws on top of the cover (they do not come out completely).
4. Cleaning: Unit interior can be wiped over using clean gloves or a clean fibre cloth to remove any dust/debris build up.
5. Remove the old lamp using gloves or a clean fibre cloth and insert the new lamp.



6. Turn on the mains power and unit will flash yellow or red. Press the button 3 times and the LED will flash green for 3 seconds.
7. Replace the cover and fix with the 2 screws provided.

NOTE: Use only original Formula Systems UV lamps. Other lamps will be incompatible and may damage the air sanitiser unit.

WARNING: Skin or eye damage may result from directly viewing the light produced by the lamp in this apparatus. Always disconnect power before re-lamping or servicing. Replace Lamp With HDCS0429, Manufactured by AIRDRI Ltd.

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