

OPTIMUM INSTALLATION CONDITIONS

- Installation height should be over 2 metres from floor level to allow best performance.
- Units operate most efficiently when installed close to any strong inward airflow and away from any outgoing air source, this aids distribution of sanitised air throughout the facility.
- Ideal location is close to the main source of odour (i.e. urinals or toilets).
- Units can be wall or ceiling mounted.
- Optimum wall mounted performance is obtained by targeting the airflow towards the ceiling to ensure the maximum spread of purifying air. **Air flows out of the end of the unit closest to the logo badge.**
- Optimum ceiling or horizontal mounted performance is obtained by targeting airflow towards the main odour source. **Air flows out of the end of the unit closest to the logo badge.**
- With the alternative lamp options available a single unit can cover a facility up to 40m2. Lamp selection is based on the size, footfall and contamination level anticipated within the facility. For very small or low footfall facilities the power of the unit can also be vastly reduced by changing the lamp.
- Units are designed for a washroom environment, they can be used in areas with similar levels of contamination, but for other areas an alternative Airdri unit may be a better solution for optimum ongoing results.
- Units should not be installed in any locations where they will be directly exposed to water.
- Water vapour from urinals can be very corrosive, so ideally a unit should not be mounted directly above a trough urinal, just a few centimetres to the side will avoid this potential issue.
- Units cannot work to full efficiency in a facility with serious plumbing issues such as leaking water or sewer gas, these issues must be resolved to avoid a health issue.

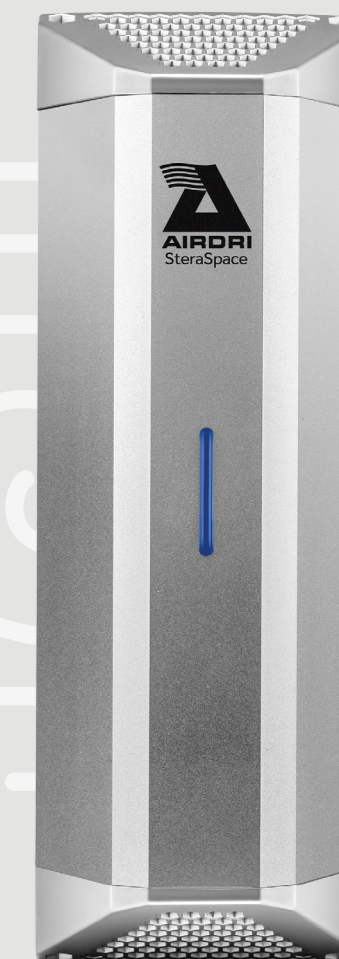
TROUBLESHOOTING

Problem :	Excessive noise from the unit
Solution :	Remove both end covers as per instructions and ensure no wiring is impeding the movement of the fan. Ensure unit is fitted to the wall correctly and this is not causing excessive vibration.
Problem :	The unit is not functioning
Solution :	Ensure the power supply is connected and working properly. Check the internal power plug is fully inserted.
Problem :	Fan is operating but the lamp is not on
Solution :	Check the lamp is connected properly. Try an alternative lamp to check if lamp is defective. Ensure the power supply is connected and undamaged.
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 Airdri for advice.
Problem :	Airflow is weak through the unit
Solution :	Check for blockages at either end of the unit. Ensure fan is not blocked by debris or wiring. Follow instructions 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 Airdri for advice.
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Solution :	Follow instructions on cleaning the unit. Replace or upgrade the lamp in the unit. Contact Airdri for advice.

*Ensure the power supply is disconnected at all times. If you are unsure about any instructions please contact Airdri as below.
 ** Do not touch the glass portion of the UV lamp or the air diffuser plates with bare hands If the lamp is touched clean it with an alcohol based cleaner.

AIRDRI STERASPACE WASHROOM+ PCA30/40/30X/40X INSTRUCTION MANUAL

The most advanced virus and bacteria control technology of its kind



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.

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

Airdri Limited,
Technology House, Oakfield Estate,
Eynsham, Oxford OX29 4AQ, UK.
Tel: +44 (0)1865 882330
sales@airdri.com
www.airdri.com



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THANK YOU FOR CHOOSING AN AIRDRI STERASPACE AIR & SURFACE SANITISER

Designed to have the highest odour and micro-organism control capabilities of any Airdri product in a washroom environment. The SteraSpace Washroom+ range has the flexibility to offer protection for all sizes of facilities, with our widest ever selection of custom designed specialist lamps.

INSTALLATION GUIDANCE - ELECTRICAL

Airdri products are supplied around the world, please ensure all electrical work complies with local regulations and legislation.

Information here is provided as a guide, however all electrical installation work must only be undertaken by fully qualified individuals and always conform to national regulations. If you are unsure about any details please contact our offices for further guidance, additionally we would always recommend a risk assessment is carried out prior to the commencement of any work.

Units need to operate continuously, so must be supplied with a permanent feed. The units can be wired into a circuit via a dedicated switched fused spur with an appropriate fuse, they can be connected to a standard circuit or emergency lighting circuit. It is essential the unit is installed so the power can be turned off before any maintenance work.

Connections to the electrical supply must be made in accordance with the national wiring colour coding. UK example Live - Brown or Red, Neutral - Blue or Black.

TECHNICAL DETAILS

Dimensions:	420mm (L) x 140mm (W) x 92mm(D)
Construction:	Anodised Aluminium Solid Extrusion
Power Supply:	220-230V, 50/60Hz, 11.5-13 watts (via switched fused spur)
Weight:	1.5kg
Operation:	Continuous, requires an annual lamp change

LAMP CHANGE AND CLEANING INSTRUCTIONS

WARNING: Before carrying out any work always disconnect power. Under no circumstances look directly at the lamp when in operation.

NOTE: Do not touch the glass portion of the UV lamp or the air diffuser plates with bare hands. Use clean gloves to avoid skin oils that can cause damage or reduce unit performance.

WARNING: Use only Airdri UV lamps. Any other lamps will not perform correctly and may damage the unit.

1. Disconnect power to the unit (ensure the lamp is off/fan is no longer operating to confirm there is no power to the unit).

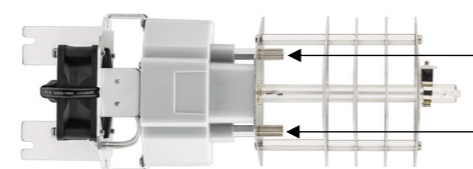
2. Remove the 2 screws from both of the end caps to take these off.

3. Loosen the 2 retaining screws holding the cartridge (containing the lamp and fan) to be removed. The internal power plug between cartridge and unit can now be disconnected.

4. The cartridge can now be removed from either end of the unit as clearance allows.

5. Cleaning; Unit interior can be wiped over to remove any dust/debris build up, end caps can be cleared using a soft brush (loosen the 2 internal screws on end cap with reflector plate to allow access for easy cleaning), brush debris from fan with soft brush. Lamp can be cleaned using alcohol wipes.

6. Loosen and remove the air diffuser plates finger screws.



7. Slide off the air diffuser plates and put the finger screws to one side.



8. Remove the old lamp. Using gloves or a clean fibre cloth insert the new lamp.

9. Replace the air diffuser plates, insert the finger screws.

10. Re-insert the cartridge, re-tighten the retaining screws, plug in the internal power cord from cartridge to case.

11. Re-attach the end caps in place (ensure the end cap with a fixed internal reflective plate is attached at the end where the lamp is visible) tighten the screws back up.

12. Dispose of the old lamp as a hazardous waste.

13. Re-activate power. Confirm unit is operating correctly, the lamp indicator should be blue and the fan can now be moving air through the unit.

FITTING INSTRUCTIONS

1. Ensure all power to the unit is disconnected.

2. Remove the 2 screws from both of the end caps to take these off. This will expose the mounting brackets with fixing holes. If vertical wall mounting the keyhole brackets and unit logo should be at the top of the unit (this is the end air leaves and will maximize performance).

3. Select mounting position, ensure there is a full screwdriver length clearance around the unit to allow access for servicing.

4. Mark intended position of unit on wall or ceiling. Confirm the area is suitable without obstructions. Then drill holes.

5. Fix the unit in place using suitable fixings. The unit should be held firmly to avoid excessive vibration during operation. Ensure air is moving through the unit in the desired direction, - the front logo is at the end where air leaves, this should be targeted upwards if vertically mounting or towards the main odour source if ceiling/horizontal mounting.

6. Replace the end covers at each end and tighten all screws until securely fixed.

7. Connect power to the unit, the fan will operate and the blue light will be on.



*Ensure the power supply is disconnected at all times.

**Avoid touching the glass of the lamp with fingers as this can cause the lamp to fail. If the lamp is touched clean it with an alcohol based cleaner.



DO NOT LOOK DIRECTLY AT THE LAMP WHEN IN OPERATION

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

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NOTE: 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.



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