

AIRCLEAN

YOUR AIR FILTER MANUFACTURER

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Ultra Violet Steriliser

Applications

- Air Stream Sterilisation
- Kills Bacteria and Virus
- Eradicates Mould Growth
- Residual Ozone Converter

The Airclean Ultra Violet Steriliser offers a stab in solution to air cleaning with minimal pressure loss. Utilising UV-C at a wavelength of 254nm, this proven technology can provide air stream sterilisation killing both bacteria and viruses that may be present.

The Ultra Violet Steriliser will also work along side the Airclean UV Ozone Generator, converting any residual ozone that may still be present upon discharge, removing any potential human risk. The 254nm wavelength of the Ultra Violet lamps will convert Ozone into water and oxygen, ensuring a safe discharge of air.



Construction

Manufactured from 1.2mm Galvanised steel, the stab in lamp housing securely encases controls and 12 UV lamps operating at 254nm. A pressure switch is incorporated into the system to prevent any user from looking directly at operational lamps which can cause harm.

Technical

Dimensions:	600 x 600mm over flange
Stab in Dimension:	423 x 423 x 500mm
Controls:	2 Pole On / Off Switch + Operation and Warning Lights
Input Voltage:	240 Volt Single Phase 50Hz

The safe operation of the system should be checked regularly in line with all electrical appliances ensuring the total effectiveness of the safety micro switches to protect the user from UV exposure.

Maintenance and Cleaning

The UV lamps have an estimated operating life of 9000 hours, but it is recommended that the lamps are changed on a yearly basis to ensure that the system remains effective.

The unit should be inspected 3 monthly by a trained engineer, for faults, and to ensure that they are kept clean.

Dirty lamps reduce the effectiveness of the unit, so it is essential that pre filtration is utilised for the removal of particulates, and to maintain air sterilisation.