

AIR STERILIZATION SYSTEMS

AEROMAXE PRO

UPPER ROOM AIR INDIRECT GERMICIDAL UV FIXTURE



Axenic-UV adds another revolutionary product to its Air Disinfection segment. Aeromaxe Pro is an Upper Room Germicidal UV fixture that has been carefully designed to purify the upper room air of those spaces, where humans are present. Hence, it reduces the risk of cross infection amongst people frequenting a particular area, making them less prone to infectious airborne microbes. It uses ultraviolet lamp technology to kill various harmful particles floating in the air that might lead to respiratory allergies, influenza or cold. Aeromaxe Pro boasts of 15 pieces louver collimator design that gives a better glare control, further highlighting its safety aspect for occupied spaces. Its extruded aluminum housing makes it less heavy and robust at the same time.

Operational Process:

- Ultraviolet rays project across the upper room air
- Air circulation caused due to convection currents carries the bacteria & viruses into the ultraviolet spectrum where they get destroyed
- Air in the room continuously gets purified reducing the risk of cross infection

PRODUCT FEATURES

- ✦ Suitable for occupied spaces
- ✦ Wall mount construction
- ✦ Less energy consumption
- ✦ Low risk of over-exposure
- ✦ Low maintenance
- ✦ Disinfects air in seconds
- ✦ Reduces the risk of cross infection
- ✦ Extruded aluminum construction
- ✦ 15 Pieces louver collimator design
- ✦ Extruded high reflective twin focus reflector
- ✦ Kills 99.9%* of airborne bacteria & pathogens
- ✦ Effective for black mold & fungal growth
- ✦ Reduces odor
- ✦ Reduces respiratory allergens

PRODUCT SPECIFICATIONS

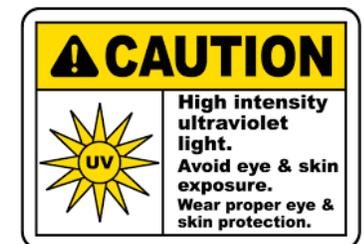
PARAMETERS	INDEX
Power	30 W
Voltage	110 / 277V, 50 / 60Hz
Dimension	18.11 x 7.32 x 7.32 Inches
Wavelength	254nm
Weight	2.20 lbs
Housing	Anodised aluminum extrusion housing (Anodized Silver)
UVC lamp Tube	1x30 W PLL high quality germicidal lamp

PARAMETERS	INDEX
UVC lamp Tube life	9000 Hours
UVC intensity at one meter	160 microwatt / square cm
Sterilization technology	Parallel beams of germicidal UVC rays through collimator into upper air
Installation	Wall mounted at least 2.2m above floor level
Coverage area	215- 538 ft ²
Applications	Office, Schools, Hospitality, Hospitals, Municipalities, Nursing Homes, Airports, Gymnasium
Sub Applications	<p>Office : Conference room, Individual offices, Pantry areas, Shipping areas, Other meeting rooms</p> <p>Schools : Class rooms, restrooms, Common areas</p> <p>Hospitality : Common walkways, business center, Rest room, Restaurants</p> <p>Hospitals : Operating rooms, Common areas, Rest rooms, Diagnostic centre, Waiting areas, Nurse stations, Individual rooms</p> <p>Municipality : Emergency rooms, court rooms, meeting rooms, common areas, rest rooms</p> <p>Nursing Homes : Living rooms, Group activity rooms, Library, Visiting rooms</p> <p>Airports : Waiting areas, Passport control, Customs and immigration, Security and safety area</p>
Area covered in X mins/hours	Radiation intensity of the 160 micro-watt/sq cm UVC at the distance of one meter, In a typical 2 meter distance from the Aeromaxe Pro in the untraviolet radiation zone, one minute irradiation time would be needed to inactivate the influenza virus
Sensor Options/Type of sensor	No sensor option
Safety	An Aeromaxe Pro Upper Room unit uses Thermal convection to draw air into the zone of rays generated by the special louvered / shielded UV lamp and the parabolic reflectors inside the unit. Without any risk to individuals occupying the area. The unit is fitted high on the wall meaning direct exposure to people is impossible, however it can still target airborne contamination across the area.
Usage Description	An Upper Room Germicidal UV fixture carefully designed to clean the upper room air of spaces where humans are present. Ultraviolet lamp technology kills harmful particles floating in the air.

HUMANS AND UVC

When it comes to the usage of UVC as a disinfection technology, it is important to be mindful of the following safety guidelines:

- According to FDA guidelines, UV units should always be installed properly by trusted professionals and used by trained individuals only to avoid any risk.
- Before starting the UVC disinfection process make sure the room or the desired area is empty.
- If personnel have to present at the site, the use of personal protective equipment (PPE) is recommended to protect their eyes and skin from any possible risk.
- Never look directly at a UVC lamp, even briefly.
- While excessive exposure to UV can result in damage to the eyes (keratitis and conjunctivitis) and the skin (erythema), most such symptoms usually resolve within 24 to 48 hours. Most of the UVC gets absorbed by the outer dead layer of the human skin that minimizes the risk.
- According to CDC and NIOSH, for UVC at wavelength 253.7 nm, the recommended exposure limit (REL) is 6 mJ/cm² for a daily 8-hour work shift.
- Prolonged exposure to UV can cause photo degradation of organic and synthetic materials such as plastic, polymers and dyed textile.
- Some UVC lamps contain mercury that is toxic even in small quantities. Hence, extreme caution is required when such lamps break to either clean them or to dispose them.
- Hang a warning sign outside the room while UVC cycle is running.
- Use UVC devices with wireless control systems as much as possible.



ORDERING INFORMATION

SKU	Product Codes
662187548692	AX-AROMXP-AD-UV-FX-0030W
	AX - Axenic
	AROMXP (AEROMAXE PRO)
	AD - Air Disinfection
	UV - Ultra Violet Light
	FX - Fixed Fixture
	XXXXW - Wattage