

Krystalair® (UVC) Upper Air Stream

Benefits



- Continues cleaning of upper air, preventing Airborne transmission of bacteria and viruses.
- Improve Indoor Air Quality (IAQ) by reducing bacteria, viruses and mold.
- Reduces the risk of cold, flu, allergies and other illness due to bad indoor air quality.
- Non contact sterilization.
- Produces no ozone or other secondary contaminants.
- 12,000 hours lamp life.
- Two (2) years warranty electronic driver.
- Perfect for healthcare, institutional offices and food production facilities.

Introduction of Krystalair® Upper Air Stream

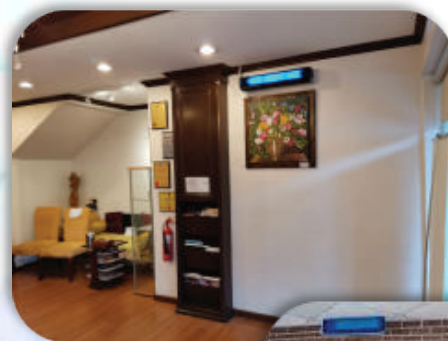
Short Wavelength UVC with 253.7nm has been proven effectively to deactivate airborne disease transmission. Upper air fixtures are recommended by the Center for Disease Control (CDC).

The Krystalair® upper air stream consist of housing, reflector, hour meter, UVC lamp, lamp socket, light baffles for exposure control and superior output of irradiation angle coverage that increases fluence over a larger zone.

Krystalair® unique and innovative fixture are specially designed to disinfect upper air contaminants with 170° horizontal angle. The direct exposure of UVC could effectively deactivate airborne contaminants and yet does not expose direct exposure to an occupied room. The Krystalair® upper air stream housing are constructed with stainless steel for hygiene purposes and durability.

The fixtures are incorporate with baffle plates that safely direct UVC energy above contact level (7 feet or higher) with occupants, ensuring the fixtures are ideal for air disinfection in occupied rooms. The baffle plates are non reflecting, powder coat with matt surface is applied to prevent stray energy in the lower areas of an irradiated zone.

Krystalair® upper air stream is available in two(2) different sizes providing (200 and 300 square feet area coverage). Multiple units could be used to cover larger areas. The UVC lamps are rated for 12,000 hours of effective lamp life.



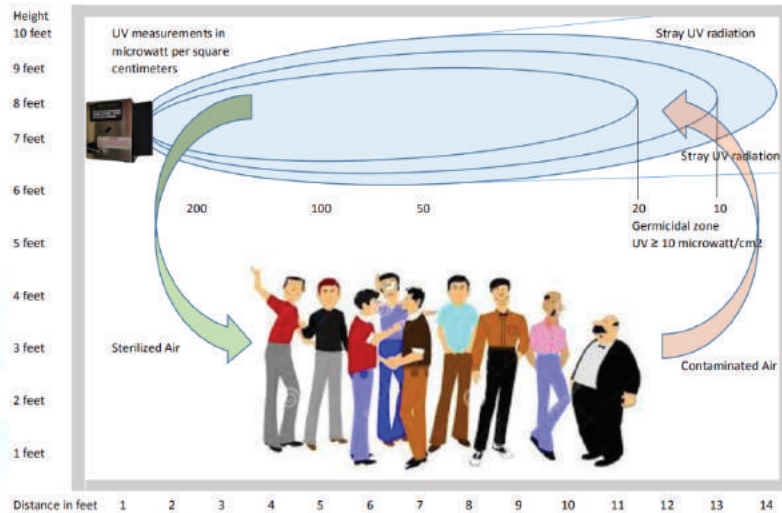
Clinic



Indoor Gathering

Proven effective in deactivating all airborne and surface microorganisms

Germicidal Sterilization Zone



Application

- Health care
- Offices
- Hotels
- Industrial
- Factories
- Public Toilet
- Elderly Nursing Home
- Indoor Gathering
- Passenger Elevators
- Residential and other applications
- Hospitals
- Schools
- Clinics

Technical Specification	KA-UAS-26	KA-UAS-32
Housing construction	Stainless steel	
Baffles	Non reflective powder coated	
Exposure control	Rigid Baffle plates	
Lamp length & size	18" (T5)	26" (T5)
Lamp output@ 1m distance	193.4 μ W/cm ²	222.5 μ W/cm ²
Lamp life	12,000 effective hours	
Hour meter	Built in hour meter for lamp monitoring	
Coverage area	200 sqft	300 sqft
Power Supply	220 - 240V/1Ph/50HZ	
Power Consumption (W)	65	75
Unit dimension (W x D x H) mm	660 x 120 x 210	800 x 120 x 210
Weight	3 kg	3.8 kg
Mounting height	Wall mounted 7 feet or higher	

