



**STAVIOR**

By Cenaura Technologies

# Smart Sterilizer Airstream



UVC is an advanced multi-stage UV light sterilizer designed to integrate with any air conditioning system and disinfect air on a continuous basis by removing all viruses, bacteria, fungi, pollen and other pathogens with remarkable efficiency and absolute discretion. It destroys virtually all captured microbes ensuring no further proliferation, providing thorough air sanitization in all kinds of indoor spaces.

Due to humidity and hospitable environment microorganisms grow rapidly on cooling coils. Microorganisms form a sticky layer of organic matter combined with dust called biofilm, which sticks to the coil and results in poor heat transfer between the coil and air. This leads to reducing inefficiency and higher power consumption. In this case, UVC on-coil is primarily used for keeping the coil clean and disinfected, where the UVC light falls on the coil and kills all viruses and infections.

- ◆ Achieves a kill-zone for microbial deactivation of not less than 99.9% per pass
- ◆ The airstream flowing through the duct is sterilized in the kill zone during the dwell time
- ◆ Can be installed in either horizontal or vertical orientation as per the dimensions and layout of the duct
- ◆ The design intensity of the lamp is based on the wavelength of 254nm and is ozone free
- ◆ The controller ensures the optimum life of the lamps through intelligent power management based on the air velocity
- ◆ UVC intensity sensor installed on the frame or the vicinity to indicate UV index or absolute irradiance value

## Effective Sterilization

Continuous cycle HVAC airstream sterilization  
Sterilizes aerosol and surface bound pathogens  
High power dosage to cover corners and shadows

## Powerful Zapping

Uses the most effective 254 nm wavelength  
High pathogen kill rates of up to 99.9%  
Rapid fluence rates for fast turn-around times

## Intuitive Experience

Deploy, manage, and monitor devices  
Addresses danger of under-dosing  
Eliminates human error

## Sturdy Construction

Powder coated MS steel for durability  
Quartz sleeves for lamp protection  
IP65 enclosure for dust and humidity protection



## Technical Specifications

Model No	UVC-HAS30
Short Description	HVAC Airstream Sterilizer Small Uno
Dimensions (L x W x H)	33.5" x 5" x 3"
Power Rating (Wattage)	30 W
Power Source (Voltage)	230 V
Frequency	50/60 Hz
Fluence Rate	88 $\mu\text{W}/\text{cm}^2$
Lamp Life	9000 Hrs
Warranty	1 Year

## Safety Controls

External lock and key to prevent unauthorized access

Quartz sleeve protection from dust, moisture and mercury

Motion detection sensor shuts the device down automatically

## Certifications



ATIL INCUBATION CENTRE  
CENTRE FOR CELLULAR  
& MOLECULAR BIOLOGY

### REGD. OFFICE

Cenaura Technologies Pvt Ltd  
FT-3G, Block A, Jain Srikar Auroville,  
Khanamet, Madhapur, Hyderabad - 500084

### HEAD OFFICE

Cenaura Technologies Pvt Ltd  
No 201, Sree Homes, Plot No 51,  
MB Society, Madhapur, Hyderabad - 500084

+91 7993351666  
contact@stavior.com  
www.stavior.com