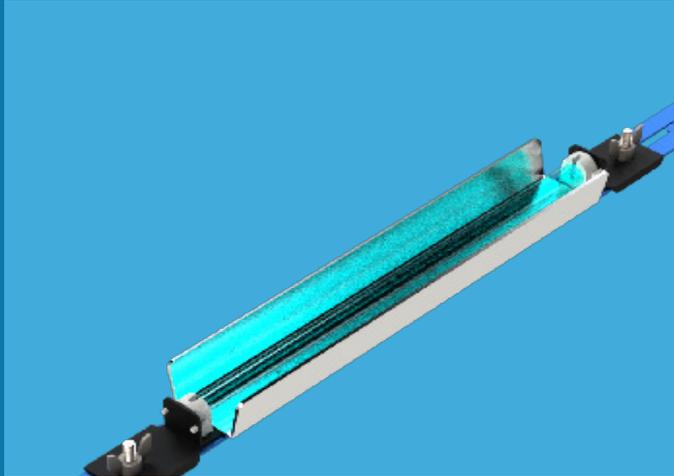




**STAVIOR**

By Cenaura Technologies

# Cassette Airstream Sterilizer



The HVAC Airstream Sterilizer Cassette has been designed as a universal Sterilizing unit for Cassette Air Conditioners. The unit has built-in UVC lamps to deactivate aerosol pathogens that may be present in the recirculating air passing through the Cassette AC. The unit can be installed as the bandwidth between the facia panel grill and the actual air conditioning unit.

- ◆ 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 cassette AC
- ◆ The design intensity of the lamp is based on the wavelength of 254nm and is ozone free
- ◆ The optional controller ensures the optimum life of the lamps through intelligent power management
- ◆ 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

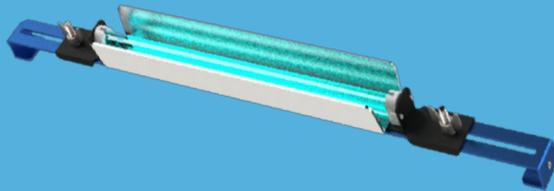
Uses the most effective 254 nm wavelength  
High pathogen kill rates of up to 99.9%  
Rapid fluence rates for fast turn-around times

## 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



## Technical Specifications

Model No	UVC-CAF20
Short Description	Cassette Airstream Sterilizer
Dimensions	21" x 2" x 2"
Power Rating (Wattage)	20 W
Power Source (Voltage)	230 V
Frequency	50/60 Hz
Fluence Rate	90 $\mu\text{W}/\text{cm}^2$
Lamp Life	9000 Hrs
Warranty	1 Year

## Certifications



ATIL INCUBATION CENTRE  
CENTRE FOR CELLULAR  
& MOLECULAR BIOLOGY

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