



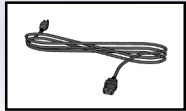
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Commercial Grade UVC Air Disinfection Systems

Air Defense XL



- Specialized Construction To Maximize Germicidal Dosage
- Powerful UVC Disinfection
- Assembled In the USA
- UL Listed



120 volt
6' Power-cord
Included

Dual 32" UVC Lamps
174 Watt System

Construction Type: The Air Defense XL utilizes Aerospace Grade Aluminum technology to create a highly effective UV-C chamber to breakdown airborne contaminants.

Operation: Airflow is directed through a proprietary baffling system at the base of the unit, then through a washable pre-filter. After the air is scrubbed of larger particles its then irradiated by two - 32" germicidal (UVC) lamps that produce up to 7,000+ mW/cm² within the airflow chamber. This dosage is 3x times the effective rate to disinfect most, if not all, airborne particles.

Installation: All air filtration units can be mounted on a wide range of surfaces - vertically or horizontally. Standard Air Defense systems are outfitted with slotted mounting holes for quick and secure placement, as well as an EMT knockout for fixed wiring applications.

Specifications

Dimensions	6" W x 5" H x 44" L
Input Power	120V
Amperage	1.2 Amps
Enclosure Finish	Mill Finished Aluminum
CFM - Fan Speed	54 CFM
Decibel (dB)	25 dB
UVC Lamps	2 - UVCP32 (851mm x 15mm)
Weight	10 Pounds
Filter	Washable Aluminum Mesh
Air Flow	Pull Through
Intensity @1M	260 uW/cm ² - (per lamp)
Warranty	1 Year
UVC Dosage	28 Watts (Per Lamp)

UVC Technology: When a micro-organism is exposed to UVC, the nuclei of the cells are modified, due to photolytic processes. In result, cell division and reproduction is prevented. The dosage, a product of UV light intensity and exposure time, is measured in micro-watts per centimeter (uW/cm²). The UV intensity is specified for each lamp at a distance of one meter, it rapidly increases at shorter distances which creates increased irradiation, thus breaking down bacteria in the air you breathe.

UVC Safety: Systems are equipped with dual safety interlocks to ensure proper operation occurs only when the protective cowl is fastened properly to the base console. An LED indicator is placed on both the power switch and housing to ensure that the system is operating correctly. Power should be disconnected when servicing the pre-filter, as well as servicing the UVC during suggest replacement schedule.

Part

Description

UVCX-ARDFNS-XL	Complete System -120V
UVCX-ARDFNS-XLF	5x5 Media Filter