



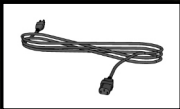
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Commercial Grade UVC + HEPA Air Disinfection Systems

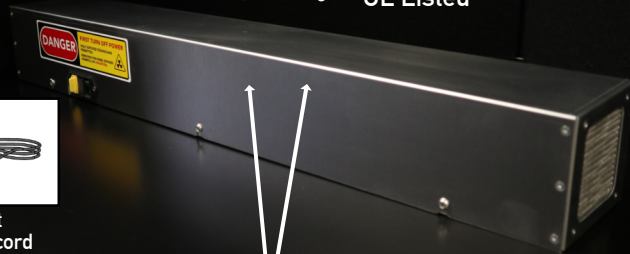
Air Defense



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



120 volt
6' Power-cord
Included



Single 17" UVC Lamp
48 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 media filter. After the air is scrubbed of larger particles its then irradiated by a single 17" germicidal (UVC) lamp that produces intense Ultraviolet rays to break down the harshest impurities in the air.

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 an EMT knockout for fixed wiring applications.

Specifications

Dimensions	4.5" W x 4" H x 31" L
Input Power	120 Volt
Amperage	1.1 Amps
Enclosure Finish	Mill Finished Aluminum
CFM - Fan Speed	47 CFM
Decibel (dB)	40 dB
UVC Lamps	1 - UVCP17 (444mm x 15mm)
Weight	10 Pounds
Filter	Washable Media Filter
Air Flow	Pull Through
Intensity @1M	120 uW/cm ² - (Per lamp)
Warranty	1 Year
UVC Dosage	13 Watts (Per Lamp)

Part #	Description
UVCX-ARDFNS	UVC System -120V
UVCX-ARDFNSF2	4x4 Media Filter
UVCX-GFI	Optional GFI Power Cord

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.