



Conti Group, LLC.
MEDICAL DIVISION

UV VIRUS FREE AIR DISINFECTING UNITS

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INTRODUCTION

Ultra-violet radiation attacks the DNA (genetic material) of bacteria, viruses, molds, spores and other primitive organisms. An effective dose of UV-C is the product of time and effective irradiance. The ultra-violet rays break through the outer membranes of microbes like bacteria. The DNA then transmits incorrect codes which cause the death of the microbe. It also prevents reproduction.

THE SOLUTION


The solution that we propose will be designed to make use of the application of ultra-violet purification. UV-C sterilizes and purifies the air therefore it reduces or eliminates the risk of cross-infection of airborne diseases and ailments.


THE PROCESS


The air in a room or enclosed area is circulated through a specially designed UV unit that will destroy any pathogens or viruses in the air.


THE ADVANTAGES


- Reduces the spread of pathogens and destroys micro-organisms
- Avoids all human exposure to UV
- Provides continuous even flow of clean air quality
- Aesthetically appealing
- Continuous performance guaranteed
- Problem free maintenance
- Suitable for any height of ceiling

AIR DISENFECTANT ROOM UNIT	PRODUCT SPECIFICATIONS
	
Input	220Vac/110Vac
Ampere	0.315A / 0.7A
Frequency	50Hz / 60Hz
Maximum Area	up to 775 ft ²
Airflow	2542 ft ³ /hr
Dimensions	4in x 4in x 24in
Package Dimensions	10in x 10in x 30in
Enclosure	Aluminum
Weight	5.5lb
Package Weight	8.8lb
Source	UVC. 253.7nm
Manufacturing Standard	IUVA standard

HANDHELD SURFACE DISENFECTANT	PRODUCT SPECIFICATIONS
	
Input	220Vac/110Vac / 12Vdc / 24Vdc
Ampere	0,120A / 0,3A / 3,25A / 1,72A
Frequency	50Hz / 60Hz / DC
Maximum Area	Handheld movable over surfaces
Airflow	N/A
Dimensions	2.4in x 2.4in x 12in
Package Dimensions	4in x 4in x 16in
Enclosure	Aluminum
Weight	4.4 lbs
Package Weight	7 lbs
Source	UVC. 253.7nm
Manufacturing Standard	IUVA standard

AIR DISENFECTANT VEHICLE UNIT	PRODUCT SPECIFICATIONS
	
Input	12Vdc / 24V dc
Ampere	6,15A / 3,10A
Frequency	DC
Maximum Area	96 ft ²
Airflow	635ft ³ /hr
Dimensions	2.4in x 2.4in x 12in
Package Dimensions	4in x 4in x 16in
Enclosure	Aluminum
Weight	4.4lb
Package Weight	7lb
Source	UVC. 253.7nM
Manufacturing Standard	IUVA standard

AIR CONDITIONER DUCT UNIT	PRODUCT SPECIFICATIONS
	
<p>This unit can be installed in Air conditioner ducts of houses, offices, factories and shopping malls to disinfect the air flowing through the ducts.</p>	
Input	220Vac/110Vac
Ampere	0,75A/1,5A
Frequency	50Hz/60Hz
Dimensions	4in x 4in x 48in
Package Dimensions	10in x 10in x 55in
Enclosure	Open frame
Weight	6.5lb
Package Weight	10.0lb
Source	UVC. 253.7nM
Manufacturing Standard	IUVA standard

VEHICLE LOAD BIN DISENFECTANT UNIT	PRODUCT SPECIFICATIONS
	<p>This unit can be installed in the enclosed load bins of trucks and delivery vehicles. It automatically switches on when the load bin doors are closed to disinfect packages and cargo with direct UV Light. Should the load bin doors be opened the light switches off.</p>
Input	12Vdc / 24V dc
Ampere	6,15A / 3,10A
Frequency	DC
Dimensions	4in x 4in x 24in
Package Dimensions	10in x 10in x 30in
Enclosure	Open frame
Weight	4.5lb
Package Weight	7.5lb
Source	UVC. 253.7nm
Manufacturing Standard	IUVA standard