



**EXOTIC**  
CLEAN AIR



**CUSTOM AIR FILTRATION  
SOLUTIONS FOR INDOOR  
AGRICULTURE FACILITIES**

# CUSTOM AIR FILTRATION SOLUTIONS FOR INDOOR AGRICULTURE FACILITIES

There is more awareness than ever on the effects of proper clean air circulation on the quality of your indoor crops and the air we breathe. By incorporating Exotic Clean Air™'s simple stand alone solution, you can rest assured that air pollutants such as allergies, dust, viruses, mold and bacteria will be removed from your facility.

Exotic Clean Air™, developed by Exotic Automation & Supply, is a 4-stage filtration solution based on the same technology proven to protect ICU patients in the most vulnerable stage of recovery. By incorporating Ultraviolet Germicidal Irradiation (UVGI) wavelength technology along with 3 additional stages of filtration including carbon filtration for odor control, this is the only stand-alone unit you will ever need.

Crops are protected by air contamination containing:

- Airborne Virus Including SARS-CoV-2
- Airborne Bacteria
- Mold
- Fungus
- Powdery Mildew
- Insects

Maintain the Highest Level of Air Quality in Your Facility!



## Exotic Clean Air™ Highlights

- Available Configurations: Mobile, Wall, Ceiling
- UV-C Germicidal Technology
- 99.97% True-HEPA Main Filter
- Illuminated On/Off Switch
- 4 Position Fan Speed Selector
- Change Filter Indicator Light
- Access Door Safety Switch
- 4 Lockable Casters (installed)

Lab tests prove Exotic Clean Air™ achieves almost 100% of micro-organism deactivation in **15 minutes** while the True-HEPA filters out particles as small as 0.3 microns which is about **250 times smaller than a human hair!**

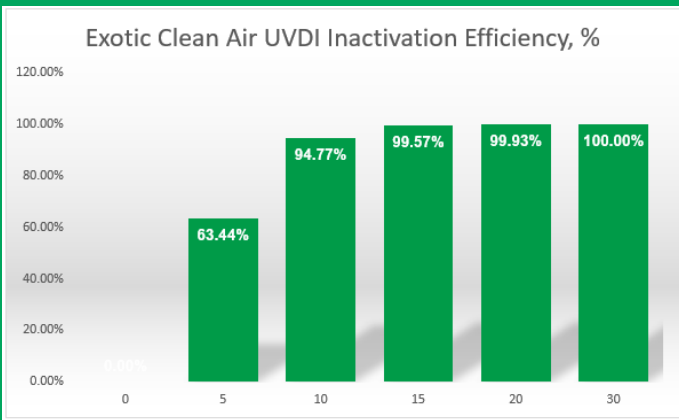


## How Does UV-C Work?

Ultraviolet Germicidal Irradiation (UVGI) has a history of being used to deactivate micro-organisms. UVGI uses short-wave ultraviolet C band (UV-C) energy to inactivate viral, bacterial and fungal organism(s) where the UV dosage disrupts its ribonucleic acid (RNA) or deoxyribonucleic acid (DNA) rendering them sterile deactivated and unable to replicate.

According to the FDA, UV-C radiation is a known disinfectant for air, water, and nonporous surfaces. UV-C has effectively been used for decades to reduce the spread of bacteria, such as tuberculosis. In addition, UV-C radiation has been shown to destroy the outer protein coating of the SARS-Coronavirus and may also be effective at inactivating the SARS-CoV-2 virus.

The chart below shows that Exotic Clean Air™ deactivates >94% of micro-organisms in 10 minutes and >99% in 15 minutes.



Product Specifications	
Airflow, SCFM:	300 - 800
Sound Level, dB(A):	50 - 65
Input Power:	115V/1Ph/60Hz
Operating Current, FLA:	12
Pre-Filter Area, sq. ft.:	4.8
Main Filter Area, sq.ft.:	113
UV Lamp Type:	(4) Non-Ozone, High Output, Germicidal C Brand, 254nm
UV Lamp Estimated Lift, hrs:	17,000
Product Dimensions, inch:	19L x 20W x 48H
Product Weight, lbs:	158

Part Description	Part Number
Mobile Unit	FPGCA-0
Wall Unit	FPGCA-1
Ceiling Unit	FPGCA-2

Exotic Clean Air™ is 3rd party validated by an independent lab using MS-2 RNA bacteriophage, a non-pathogenic microorganism, to determine the operational efficiency and effectiveness of Exotic Clean Air™'s deactivation and filtration system.

## Max Room Size:

4,000 sq. ft. with 10 ft. ceilings

## Replacement Filter Kits

Not all filters are created equal. Don't be fooled by cheap HVAC filters promoted by many companies. Exotic Clean Air™'s replacement filters are OEM certified to maintain the highest air quality and performance in your facility.

Replacement Filters		
Pre-Filter, MERV 8	DPHT-101	Replace Every 3 Months
Main Filter, MERV 13	2809349	Replace Every 24 Months
Main Filter, MERV 14	2909349	Replace Every 24 Months
Main Filter, True-HEPA	2971351	Replace Every 24 Months
Carbon Filter	33-10163	Replace Every Month

**Looking for Additional Information?**  
Visit [www.exoticcleanair.com](http://www.exoticcleanair.com) for more information!





## About Exotic Clean Air™ Developed by Exotic Automation & Supply

Exotic Automation & Supply has been integrating and providing solutions utilizing the products from Parker Hannifin since 1972. Our years of industrial applications experience have led us to providing specialized solutions for the emerging indoor grow industry. Working with our engineers and customers we have developed the only filter solution you will need for your highly valuable indoor grow facility.

Developed with the graduate program from the Michigan State University college of Agriculture and Natural Resources, we have developed custom filtration recipes which guarantee your crops will pass the most stringent inspection and certification process.

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