



# *Cannabis Air Quality Solutions: Maximizing Your Grow*

With Andrew Patterson

**airoclean**<sup>TM</sup>420  
by SteriLumen







## *Background: Who Am I?*

2012-2016

Director of Operations for The Green Solution.

- Assisted the build of a 250,000 sq ft facility
- Managed growth of TGS from 3 dispensaries to 21

2016-2020

Midwest Regional Director of Cultivation at Cresco Labs

- Specialty in facility design and operation
- Opened 3 facilities in Illinois, 1 in Pennsylvania, Ohio and Massachusetts



# *Let's Clear the Air*

- Why Air is the the most overlooked part of the growing process
- Noticing the signs of a poor air loop
- The Dangers of Powdery Mildew
- How the technology of NASA has changed the Cannabis industry





AiroClean420

● ● *Perpetual Gardens*



# “ Why Invest in Air Purification Tech? ”



- Take Control of the Climate
- Manage microbial load
- Streamline the growing process
- Ensure crop quality





# *Powdery Mildew*

- PM is a wakeup call to a less than ideal growing climate
- PM can hit your plants at any stage of growth.
- Common fungicidal spray solutions can have an undesirable effect on buds




## **STOP POWDERY MILDEW**

---

### **ZERO EMISSIONS**

Over 1,000 AiroClean420 systems now in operation and helping GROWS protect their harvest from fungal contamination.

AiroClean420, using Photocatalytic Oxidation, is your completely Safe and Effective NASA Developed Preventive Air Sanitation Solution.



For more information  
Call 1-844-247-3913 Visit [airoclean420.com](http://airoclean420.com)  
MADE IN THE USA



# Common Air Quality Mistakes

## Insufficient Air Circulation

- What role does air play in my growing strategy?
- Microbials effect the quality of plants

## High Humidity

- Monitoring every stage of growth
- Investing in remote monitoring systems

## Compromised Air Quality

- Fans or ventilation systems spread spores
- Chemical sprays can become aerosolized

## Outdated filtration Systems

- Small bacteria can be pushed through simple filters
- Filtration alone does NOT ensure a clean air environment



# *Why Did I choose AiroClean420?*



- Traditional HEPA filter's "screen door" design, circulates harmful pathogens back into the air
- Airoclean 420's photocatalytic technology is effectively used in hospitals and medical facilities to eliminate smaller particle airborne viruses including COVID-19.
- Removes bacteria, odors and damaging compounds.
- Airoclean's patented technology was originally developed for NASA international space station
- Totally safe – no emissions; no ozone
- Simply mount, plug and use. EASY!





**“Simply put I will NOT build, remodel, or manage a grow without these units.”**

~Cody Henderson,  
Desert Horizon Cultivation Facility

## *Make the Choice.*



- The AiroClean420 PCO technology, kills microscopic organic particulates like pollen, bacteria, fungal spores, and yes – powdery mildew.
- I've designed and operated high output cannabis operations in multiple states – the AiroClean420 is the ONLY air disinfection system I use, and I'm not alone.
- Combining the most advanced cannabis grow HVAC technology with air sanitization developed for NASA spells optimal protection for crops.
- Whether you are a hobbyist, an amateur or a head grower the AiroClean system is the best step towards creating the right environment for your grow.







*Questions?*