PlasmaAir

Clean Air. Clean Cannabis.

Effective, Safe & Affordable Air Purification Systems for Grow Facilities

Give your plants the air nature intended with plasma technology installed in your HVAC system. Your plants will thrive and so will your business.

Control odor to avoid government violations and fines

Control mold to increase cannabis yield and potency

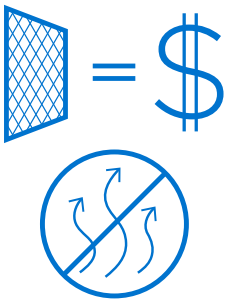
Control bacteria to improve microbial test results

www.plasma-air.com/cannabis

HVAC Mounted Air Purification

Safe, Chemical Free Odor and Mold Removal

Running successful indoor cannabis grow operations can have its challenges. Odor limitations, formulating odor abatement plans, passing continually evolving microbial testing and battling problems like mold and bud rot are just a few. Plasma Air's air purification solutions are designed to help cannabis grow facilities resolve some of these key issues by treating air within the original HVAC system method and grow and dry rooms without the use of masking agents and cumbersome, expensive carbon filtration.



Carbon filters are first cost prohibitive, require expensive replacement and create static pressure, which in turn require larger ventilation systems.

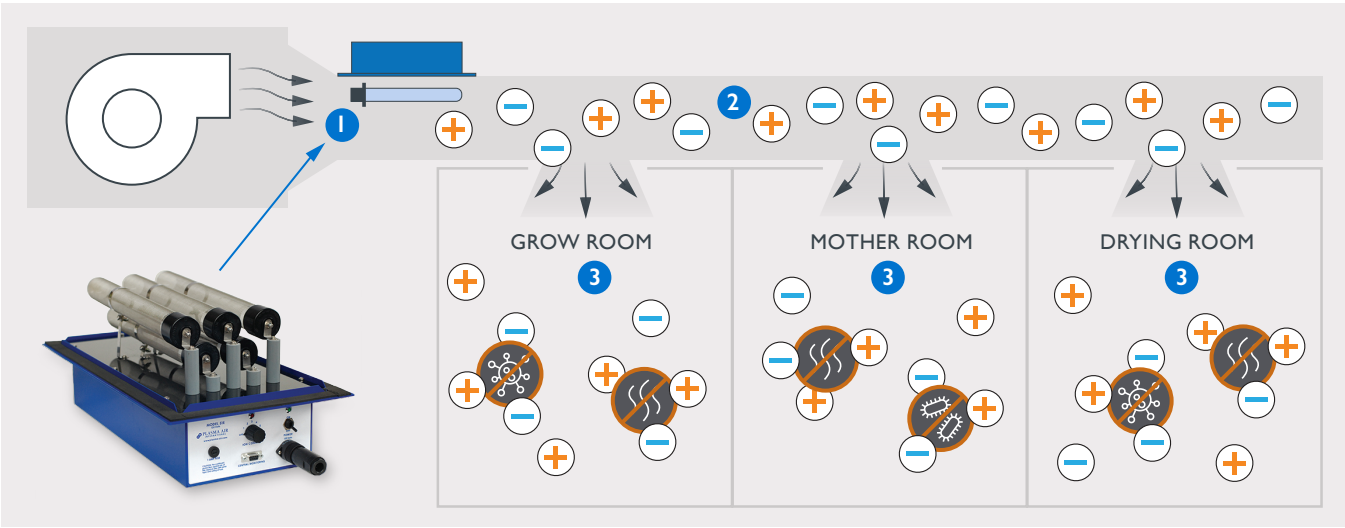
Scenting solutions contain chemicals that have been classified as toxic. Even those that claim to use essential oils or natural plant extracts use harsh chemical compounds and are potentially unsafe. Adding another scent profile to a room does not neutralize cannabis odor and detract in the health of plants.

Cannabis facilities that use the Plasma Air solution are able to:

- Eliminate cannabis related odors
- Protect high-value crops from mold, yeast and bacteria
- Eliminate the high energy penalty and replacement cost associated with carbon filters
- Save thousands a year in air handler/coil cleaning
- Increase crop yield

How It Works

Plasma Air's plasma technology is easily installed into the Air Handling Units (AHUs) or in the main supply ducts.



1. As air passes over the plasma tubes, millions of positive and negative ions are formed.
2. Ions travel through the duct system and out into grow, curing and drying rooms where they interact with airborne particles, spores, odors, VOCs and bacteria on a molecular level.
3. Airborne pollutants are neutralized and eliminated by the positive and negative ions.

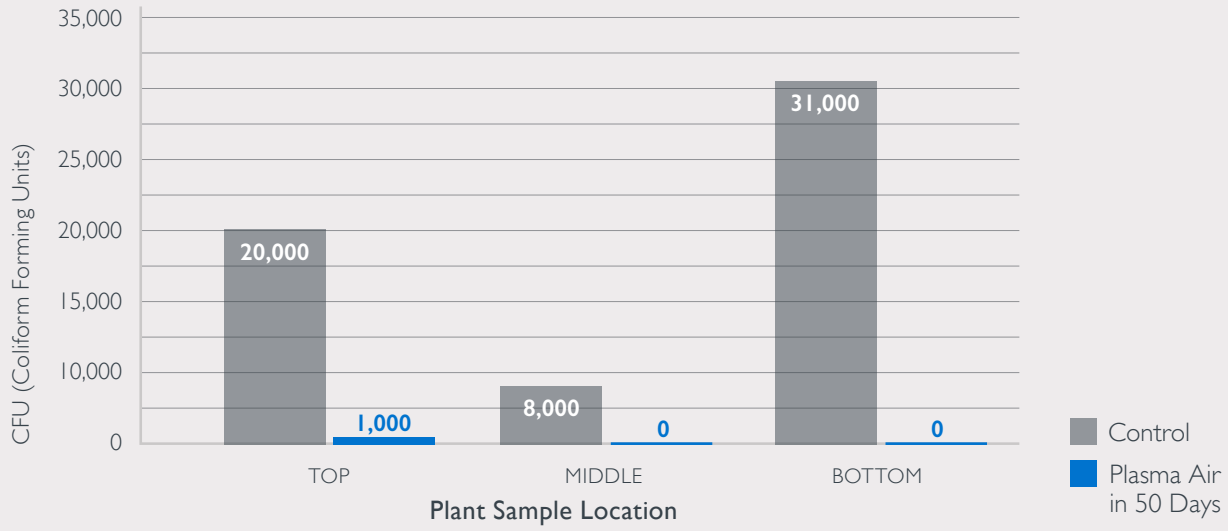
Poor Air Quality Can Be Suffocating - Especially for Profits

Keeping the air clean and free of contaminants is vital for product quality, consistency and yield. Unfortunately, powdery mildew (PM) is a common problem for many indoor and greenhouse growers. However, Plasma Air's technology does double duty, eliminating noxious odors while pre-empting growth of botrytis (aka "bud rot"), powdery mildew, and other mold varieties that cause crops to fail lab testing. In independent laboratory testing, Plasma Air's systems have been proven to have over a **90% decay rate** on mold spores. Growers understand that mold ***prevention*** is a lot more effective than mold ***treatment***.

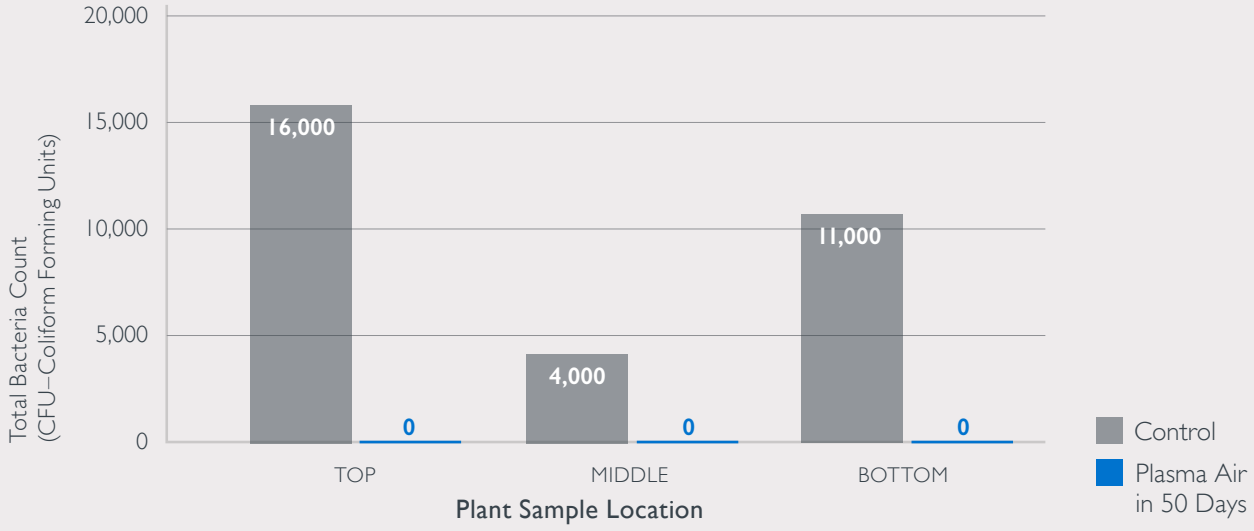
Cannabis Grow Room Testing Results - Day 0 vs Day 50

Plasma Air's plasma technology was deployed in a grow room at Soulshine Cannabis for 50 days. The charts below show the successful decrease in yeast, mold and total aerobic counts.

Mold/Yeast Reduction



Aerobic Reduction



Plasma Air Cannabis Independent Test Data

Testing Agency: Integrity Labs LLC Testing Certification: WSLCB No. 0009
Day 0: 01.04.2018
Day 50: 02.24.2018

Tests: Yeast & Mold, Bacteria Total Aerobic Count
Method: Petrifilm Plating

Plasma Air Cannabis Solutions

Cannabis growers can vanquish offending odors and VOCs with a single, affordable plasma technology. Adding our solution to new facilities and or existing HVAC systems, this powerful technology can protect grow facilities from neighborhood feuds, costly lawsuits, government fines, failed lab testing, and expensive, ineffective methods.

50E/50F Series

Style: Plasma Tube
Capacity: Up to 8,000 CFM
Use multiple units for unlimited CFM.
Installation: AHR rack mounted or in supply air duct.

100/200 Series

Style: Plasma Tube
Capacity: Up to 3,000 CFM
Installation: In supply air duct.

Airflow Switch (AFS-MF-JB)

A convenient method for powering and mounting a 100/200 Series.

Ion Meter

Handheld device to measure negative ions in ambient air.

Soulshine CANNABIS

LEIFFA

"When you opened the door in the Plasma Air room, it definitely had a fresher smell… a healthier plant – a prettier flower all around. I would recommend PlasmaAir to any indoor grower."

Frank Lane
Lead Grower,
Renton, WA

"Plasma Air is one of the keys to achieving and maintaining high potency and above average yield per grow light. And in the long run, ionization is more cost effective."

Willy Gardiner
Founder of
The Garden Grow Company,
Houston, TX

"If you blindfolded someone, there's no way they would know there's marijuana in the room. People walk into the room and say 'Wow — the smell just isn't there.' You can just walk in and know the technology is working."

Patrick Campbell,
Operations Manager for Leiffa,
Lakewood, CO

PlasmaAir

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