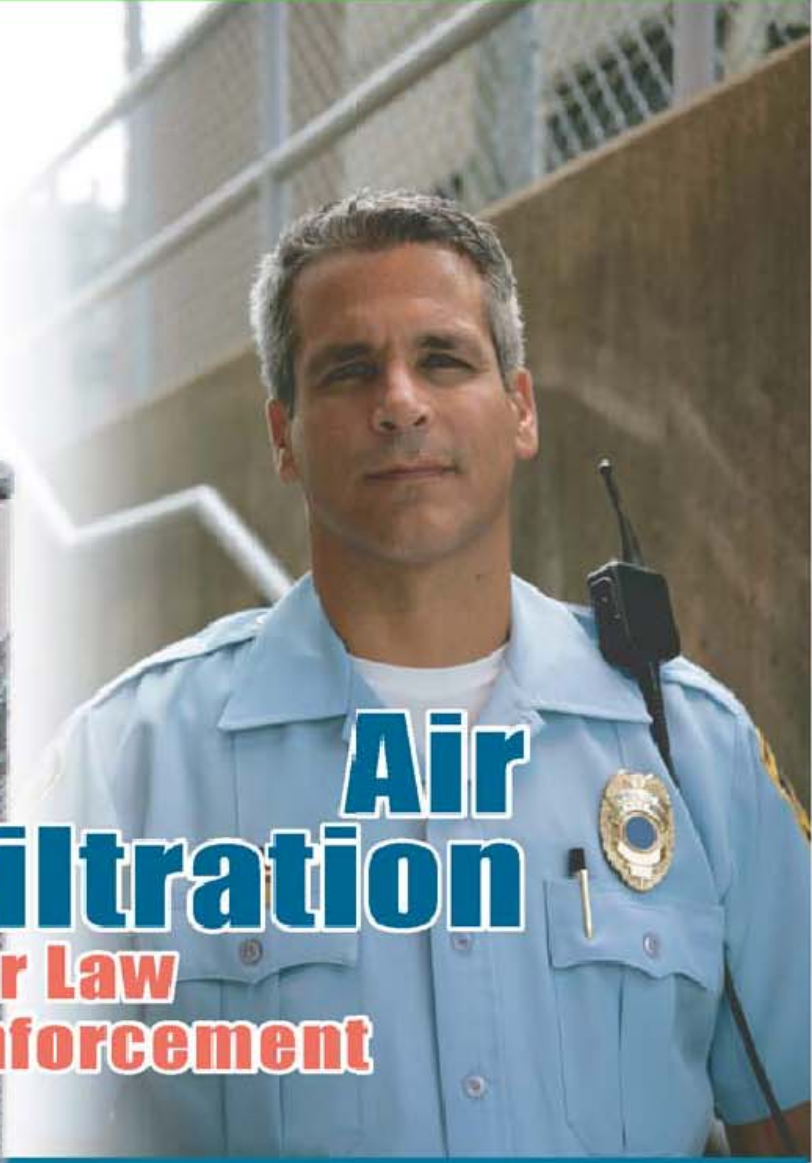




electrocorp
The Simple Solution™

EVIDENCE PROTECTION



**Air
Filtration**
for Law
Enforcement

Cleans evidence room air
Preserves evidence
Protects evidence technicians





Air Filtration

for Law Enforcement



About Electrocorp

Electrocorp is a global innovator in chemical, odor and particle control. Established in 1985, the company researches and develops air quality management solutions for police evidence handling, laboratories and numerous industrial and commercial applications.

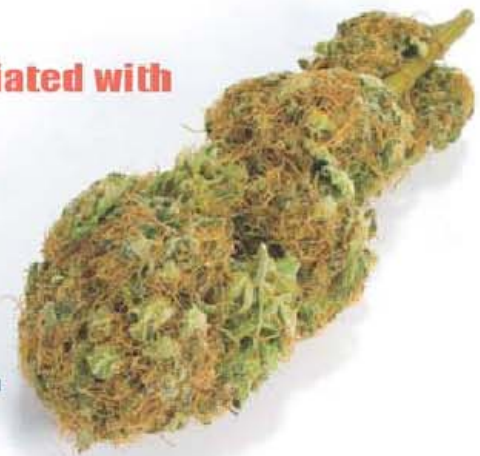
Electrocorp uses advanced activated carbon and HEPA filtration technology, proven to be the most effective and versatile system for solving difficult indoor air quality issues. Our success is driven by a knowledgeable team of air quality experts dedicated to providing excellent service and solutions and quality products renowned for their reliability and performance.

What is **Aspergillus** and how does it concern law enforcement agencies ?

Aspergillus is a type of mold that thrives on decaying plants and soil including marijuana. It is a major problem in evidence storage that's further compounded when plants with damp roots are stored in plastic bags. Although many law enforcement agencies deal with marijuana on a daily basis many are not familiar with aspergillus and the possible health risks associated with it.

What are the **health risks associated with exposure to Aspergillus** ?

- Allergies
- Asthma
- Headaches
- Coughing
- Tuberculosis
- Sinusitis
- Fungal Infections
- Nasal polyps
- Fatigue and lethargy
- Weakened immune system



Combating **Aspergillus** with activated carbon + HEPA filtration

Even marijuana that appears to be completely dry could have a 5-15% moisture content. This means that even small amounts of stored marijuana can become a source for dangerous microorganisms. An air cleaner with activated carbon and HEPA filtration offers complete protection, removing both airborne mold spores and the chemical mycotoxins.

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AirGUARD - Carbon

Recommended for:
Creating *Negative Pressure*
Odor Control
Chemical Control
Renovations

This unit is designed to prevent contaminated air from leaking into surrounding rooms, also referred to as "**negative pressure**". It's advanced filtration system includes a **24 to 36 lb. activated carbon filter with a remarkable 3.5" depth**. The depth is key to the effective treatment of chemicals and odors. A deeper bed provides more dwell time allowing more contaminants to be trapped more efficiently.



- 24 or 36 lb. **activated** carbon filter
- Up to **3.5"** deep carbon bed
- Optional Micro-particle filter
- Pre-filter
- **Variable** speed controls
- Powerful air flow of up to 450 CFM

Recommended for evidence storage rooms up to 1200 sq. ft.*

*Assuming an 8 ft. ceiling and the recommended 6 air changes per hour

EVIDENCE PROTECTION

RSU SERIES



Recommended for:

- Aspergillus/Mold**
- Chemical Control**
- Particle Control**
- Odor Control**



- 360° air intake
- Creates an efficient ceiling to floor laminar air flow pattern
- Designed for 24 hour, continuous use



RSU24CC

RSU48CC



Air Flow Rate (delivered)	250-900	500-1800
Speed Control	Variable	Variable
Pre-filter > 10 microns	yes	yes
Refillable Carbon Filter	yes	yes
Carbon Content	60 lbs.	120 lbs.
Height	39.5"	71"
Diameter	20"	20"
Operating Weight	119 lbs.	210 lbs.
*Covers Square Footage	up to 1100.	up to 2000

Recommended for **evidence storage rooms**

*Assuming an 8 ft. ceiling and 6 air changes per hour

6000 Vocarb UV



Recommended for:

Pathogen Control
Biohazards
Mold
Particle Control
Odor Control

Contaminated air drawn into this unit is cleaned through six complete stages of filtration including a medical grade HEPA filter, activated carbon filter and germicidal ultraviolet light which neutralizes mold, bacteria, viruses and other airborne pathogens. This unit is recommended for evidence classified as a biohazard such as blood, DNA, plant or animal matter and other biological material.



With Germicidal
UV Lamp

- Germicidal **ultraviolet light**
- **24 lb.** deep-bed activated carbon filter
- Medical-grade **HEPA** filter
- Special "**Vocarb**" carbon blend with enhanced **adsorption** properties for volatile organic compounds (VOC's)
- **Easy-clean** pre-filter
- Two **anti-microbial** filters
- Powerful air flow of up to **150 CFM**

Recommended for **evidence storage rooms up to 750 sq. ft.***

*Assuming an 8 ft. ceiling and 6 air changes per hour

The power of **activated carbon**



About Our Activated **Carbon + HEPA Filtration System**

Activated carbon is widely recognized as the safest, most effective way to treat odors and chemicals, while HEPA (High Efficiency Particle Air) filters are the gold standard for removing particles. Together they provide the most complete and versatile air cleaning system available.

What is **"Activated" Carbon?**

Carbon that is 'activated' undergoes a process that opens up millions of tiny pores and fissures to enhance the material's adsorbent properties. The process creates a very large internal surface area, which is key to the power of activated carbon - the more surface area - the more the carbon can adsorb. Only one pound of activated carbon typically has a surface area of 125 acres. Activated carbon is so effective that it's used in military gas masks.

What does **adsorb** mean?

The word adsorb (often mistaken for absorb) is very important when discussing carbon. When a material adsorbs something, it attaches to it by chemical attraction.

How Does **Activated Carbon Work?**

When gases, chemicals and odors pass slowly through a thick filter packed with activated carbon these substances are permanently trapped in the million of pores opened by the activation process. Due to the large internal surface area of activated carbon it can actually adsorb up to 40% of its weight.

EVIDENCE PROTECTION



Rap SERIES



Recommended for:

- Aspergillus/Mold**
- Chemical Control**
- Particle Control**
- Odor Control**



	RAP204CC	RAP24CC	RAP48CC
Air Flow Rate (delivered)	up to 350	250-900	500-1800
Speed Control	Variable	Variable	Variable
Pre-filter > 10 microns	yes	yes	yes
Refillable Carbon Filter	yes	yes	yes
Carbon Content	30 lbs.	60 lbs.	120 lbs.
Height	29"	37"	62"
Diameter	12"	22"	22"
Operating Weight	49 lbs.	140 lbs.	260 lbs.
*Covers Square Footage	up to 450.	up to 1000	up to 2000

* Assuming an 8 ft. ceiling and 6 air changes per hour



The property room **isn't the only area that needs protection.**

Electrocorp air cleaners are also used for:

Holding cells (odor, urine, vomit, smoke)

Canine Units (allergens, odors, feces, urine)

Building renovations (dust, chemicals, odor, asbestos)

Staff / recreation rooms (smoke, food odor)

General protection (cold and flu viruses, bacteria, odor, office printing equipment)

Electrocorp protects law enforcement agencies across America including:

Alameda Police Dept., CA

Ashland Police, OR

City of Fort Wayne, Police Dept., IN

City of Napa, Police Dept., CA

City of Odessa, Police Dept., TX

Davie County Police, NC

Millbrae Police Dept. CA

New Mexico State Police, NM

Rockwell Police Dept., TX

Sonora Police Dept., CA

Jackson County Sheriff - Drug Enforcement, GA

Pima County Sheriff Dept., AZ

Placer County Sheriff - Evidence, CA

San Bernardino Sheriff's Dept., Coroner, CA

Arizona Department of Public Safety (Phoenix), AZ

Contra Costa County Coroner, CA

Greenville County Criminal Justice, SC

Texas DPS Crime Lab Austin, McAllen & Corpus Christi

Winston-Salem Police Dept., NC

Washington State Patrol