

HOSPITALS & MEDICAL FACILITIES

Bacteria
Formaldehyde
Glutaraldehyde
Mercury
Particulate
Petrochemicals
Viruses
Volatile Organic
Compounds



Surgery
Gel Seal

Odor Control
80 lbs. of adsorbent

Odor Control
100 lbs. of adsorbent

Isolation
Wards

Burn Unit
Xylene

EEG
36 lbs. of adsorbent

Odor Control
24 lbs. of adsorbent

Other units available
up to 25,000 lbs. of adsorbent

**CUSTOM DESIGNED
DUCTLESS
FUME HOOD**
NOW AVAILABLE



electrocorp
Air Filtration Systems

Trusted by some of the most prominent medical facilities in the world, Electrocorp air cleaners provide serious air filtration for facilities that require stringent hygiene standards, infection control and comprehensive protection to meet occupational health and safety standards.

Our units are designed for a wide range of medical applications including the filtration of bacteria, viruses, gaseous contaminants, chemicals, odors and particles. The advanced multi-level filtration system can be fully customized to address specific air quality issues and include a wide range of filtration media including deep-bed activated carbon, medical grade HEPA filters and germicidal UV.

AirMedic+ Series



- Isolation
- Odor Control

- 18 lb. activated carbon filter, 2" deep physical bed wall carbon
- Medical-grade HEPA filter 99.97% efficient to 0.3 microns
- Prodense pre-filter
- Sure Seal gaskets
- 360 CFM turbo rated motor
- Dimensions: 17.5" x 15"

Options:

- UV technology
- Exclusive carbon blends to target specific airborne pollutants
- Deeper 3" carbon bed for heavy chemical control
- 560 CFM rated motor
- Available in Black, White or Sandstone

6000 Series



- General Purpose
- Odor Control

- 24 lb. activated carbon filter, 2 1/2" deep physical bed wall carbon
- Medical-grade HEPA filter 99.97% efficient to 0.3 microns
- Prodense pre-filter
- Sure Seal gaskets
- 400 CFM turbo rated motor
- Dimensions: 23.5" x 15"

Options:

- Deeper 3" or 3 1/2" carbon bed for heavy chemical control
- Exclusive carbon blends to target specific airborne pollutants
- UV technology
- Available in Black, White or Sandstone

RAP Series



- Burn Units
- Xylene

- 18 lbs. of carbon
- Micro-HEPA Wrap 99% efficient to 0.1 microns
- Carbonized 10 micron pre-filter
- 50 to 160 CFM delivered
- Dimensions: 23.5" x 15"

Options:

- 30, 60, 120 or 240 lbs. of carbon for heavy chemical control
- Medical-grade HEPA filter 99.97% efficient to 0.3 microns (on H or CCH units only)
- 50 - 1650 CFM delivered
- UV Capsule
- Caddy wheels

EEG Series

- 36 lb. carbon filter, 3.5" depth
- Micro-HEPA particle wrap rated at 99% efficient at 0.1 microns
- Pre-filter
- 400 CFM
- Dimensions: 23.5" x 15" (unit only)
- Articulated capture arm with hood

Options:

- Exclusive carbon blends to target specific airborne pollutants
- UV technology
- Available in Sandstone

**AirRhino Series**

- 12" deep medical-grade HEPA filter 99.97% efficient to 0.3 microns (12"x24"x24")
- 1" Prodense prefilter
- 1" Dust filter
- 4 1/2 lb. activated carbon filter, 2" deep physical bed wall carbon
- 1000 CFM delivered
- Dimensions: 37" x 26" x 26"

Options:

- Bag filter for high particle filtration
- 100 lb. activated carbon filter
- 12" deep physical bed wall carbon



Odor Control ·

I-6500 Series

- 80 lb. refillable activated carbon filter
- 12" deep medical-grade HEPA filter 99.97% efficient to 0.3 microns
- Particle and dust pre-filter
- 750 to 1000 CFM delivered
- Dimensions: 70" x 24.5" x 21"

Options:

- 160 lb. activated carbon filter with a particle and dust filters
- 12" gel sealed medical-grade HEPA
- 2 Medical-grade HEPA filters (12"x12")
- 1500 CFM / 1 speed 230 w 60 Hz

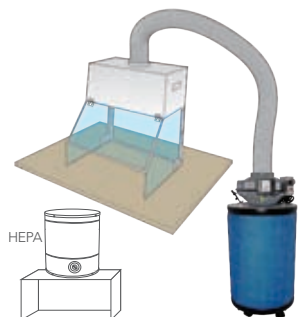
Surgery ·
Odor Control ·**Ductless Fume Hood**

A custom designed housing vented directly to an air cleaner specially tailored to the application. May be vented via ducting to another room or directly over the hood.

Options:

Particle control: Medical-grade HEPA filter 99.97% efficient to 0.3 microns & Micro-HEPA Wrap 99% efficient to 0.1 microns
Chemical control: 18 – 60 lbs. of carbon

Particle and chemical control: 18 – 60 lbs. of carbon, Medical-grade HEPA filter 99.97% efficient to 0.3 microns or Micro-HEPA Wrap 99% efficient to 0.1 microns



ACTIVATED CARBON + HEPA

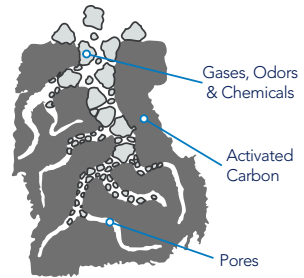


Our Hybrid Filtration Technology

Electrocorp air cleaners combine the most efficient filtration methods for removing both chemicals and particles providing the most complete and versatile air cleaning system available.

About Activated Carbon Filtration

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.



About HEPA Filtration

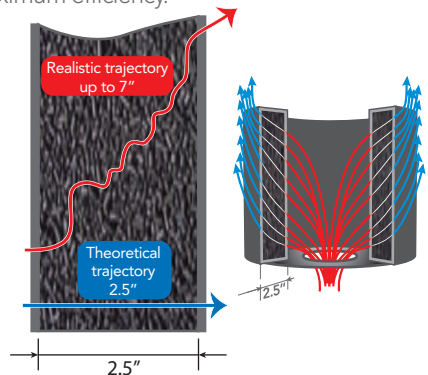
HEPA stands for high efficiency particulate air filter and describes a filter that can remove at least 99.97% of airborne particles 0.3 microns in diameter. Particles of this size are used to evaluate the performance of a HEPA filter because they are among the most difficult to remove. HEPA filters are considered the safest and most efficient method to treat airborne particles.

What is MRAF?

MRAF or Maximum Radial Air Filtration describes the superior filtration system incorporated into our RAP and RSU industrial units. This cylindrical "Super Wall" of carbon provides the largest adsorbent surface area in the industry providing maximum efficiency.

What is PDF?

PDF or Progressive Diagonal Filtration describes the path of pollutants in our bottom intake air cleaners. This exclusive air intake configuration allows for extended dwell time which maximizes the adsorption of chemicals, gases and odors.



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