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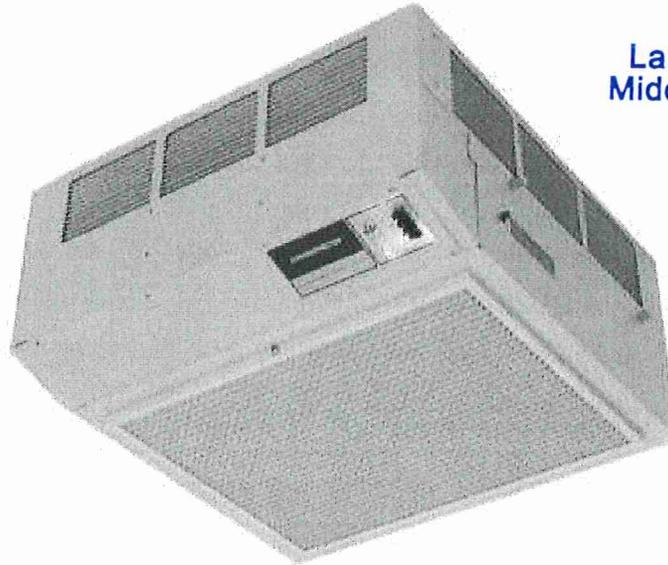
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Home › Hookah Lounge and Smoke Shop Air Cleaners › C12 SmokeMaster Surface Mount Electronic Air Cleaner - Smoke Eater - 800-1250 CFM

City of Middletown  
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Land Use Department  
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## C12 SmokeMaster Surface Mount Electronic Air Cleaner

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*American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)  
Standard 52.2.*

The Smokemaster C-12 electronic cigarette air cleaner features high-efficiency electrostatic cells designed to capture both particulate and gaseous contaminants. This works by a process called "electrostatic precipitation" in which particles are first given a strong electrical charge in the charging section of each cell. These charged particles are then attracted to and held by the collection section of the cell until cleansed at regular intervals. The Smokemaster C-12 electronic cigarette smoke air cleaner has its own fan which circulates the air through the unit. Whether you're addressing air quality in a laboratory, light manufacturing environment or a cigar bar with cigar smoke, you'll need an air cleaning solution that delivers high-efficiency air cleaning.

The Smokemaster C-12 can be easily mounted on the ceiling or wall. The best location is in a position nearest the concentration of cigar or cigarette smoke or air contamination. The pre-filters and electronic cells are lightweight and can be easily removed for periodic cleaning.

## How does the Smokemaster C-12 Commercial Electronic Air Cleaner work?

### Stage 1 - Metal Mesh Pre-Filter

The C-12 prefilter captures large particles such as hair, lint & pollen before they can enter the electronic cell.

*The pre-filter is washable but should be replaced after repeated use.*

### Stage 2 - Electronic Cells

The Smokemaster C-12 includes (2) electrostatic cells. Through a process called **Electrostatic Precipitation**, the cells trap over 97% of airborne contaminants on each pass through the C-12. The ionizing section of the electronic cell electrically charges individual pollution particles. The electrostatic charge forces them to adhere to the oppositely charged collector plates.

*The electronic cells must be washed periodically to maintain efficient performance.*

### Stage 3 - OPTIONAL Carbon Post Filters

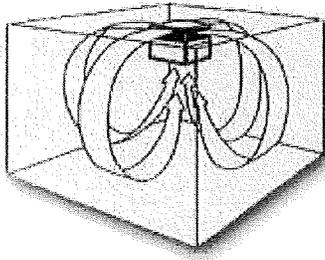
These filters are optional, however, if you're looking for a higher level of odor removal, they're practically a necessity. Carbon helps to remove odors, VOCs and gases providing a cleaner,

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Smokemaster's key feature is the multi-directional airflow pattern - The Coanda Aerodynamic Principle. The unique 4-way method of air re-circulation maximizes the amount of contaminated air reaching the air cleaner. It gets the maximum amount of contaminated air to the machine most efficiently. Once at the air cleaner, the contaminated air particles are collected through "electrostatic precipitation" (the charging of particles to be collected with the

primary washable cell). This provides high-efficiency air cleaning and reduced overall maintenance costs with an environmentally friendly air cleaning solution.

## Features & Benefits of the Smokemaster C-12 Electronic Cigarette Air Cleaner

- **Discharge Louvers** on 4 sides for optimum air circulation
- **2 Color Options** - Ivory, Black
- **Removable Pre-filters and Grille** - Metal mesh pre-filters catch larger particles before entering the electronic cells.
- **System Indicator Lamp** - Monitors the electrical output automatically indicating any system malfunction
- **Three-Speed Control** with Energy Efficient Motor
- **Hinged Access Door** - Allows easy access to components for periodic cell and pre-filter cleaning. Safety interlock discharges all power when the door is opened. Built-in test button assures collector performance.
- **Electronic Cells** - Two electronic cells remove easily with attached grip handles. Dual-voltage smart circuit provides more efficient air cleaning with a compact cell.

*Ideal applications for the Smokemaster C-12 Electronic Cigarette Air Cleaner include Hookah Lounges, Bars & Restaurants, Cigar Bars, Night Clubs, Taverns, Beauty Shops, Billiard Rooms, Bingo Halls, Bowling Centers, Conference Rooms, Offices, and more!*

## Smokemaster C-12 Electronic Air Cleaner & Smoke Eater Specifications

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<b>Installation Options</b>	*Ceiling Mount or Wall Mount
<b>Dimensions</b>	25" (L) x 25" (W) x 11-1/2" (H)
<b>Cabinet</b>	Galvanized steel construction with attractive and durable Autumn White or Black powder coat finish
<b>Weight</b>	Shipping - 79 lbs   Installed - 69 lbs.
<b>Electrical</b>	120 VAC   60 Hz
<b>Current &amp; Power Consumption</b>	High - 3.3A, 300W   Medium - 2.7A, 250W   Low 2.4A, 220W
<b>Sound Level (dB)</b>	High - 69   Medium - 65   Low - 58
<b>Electronic Cell Collection Area</b>	105.8 Square Feet
<b>Efficiency</b>	Up to 99.8% efficiency (at 1000 CFM airflow) is delivered as measured according to ASHRAE Standard 52.2.
<b>Warranty</b>	1 Year Limited
<b>Smokemaster C-12 Owner's Manual</b>	

*\* Due to variations of installation, the C-12 does not come with mounting hardware. Holes are pre-drilled through the unit 16" on center which matches most ceiling joists. Common installation options include; Direct to ceiling framework (3/8" x 8" Lag Bolts required), Light decorative chain or cable, 3/8" threaded rod, Wall mounting (kit sold separately).*

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