

# SMOKEMASTER® C-12

## Self-Contained Air Cleaning System



Whether you're addressing air quality in a laboratory, light manufacturing environment, or a cigar bar; you need a solution that delivers highly efficient air cleaning. Rather than an expensive exhaust system, the Smokemaster C-12 is a low cost, minimal maintenance clean air solution.



**The Smokemaster C-12 delivers efficiency, savings, and minimal maintenance cost through:**

- Rugged steel construction for unit longevity
- Durable industrial-grade electronic cells
- Coanda Aerodynamic Principle's unique 4-way method of air recirculation optimizes the manner in which air circulates within a room, thus maximizing the amount of dirty air cleaned.
- Permanently washable electronic cells that are more environmentally friendly.



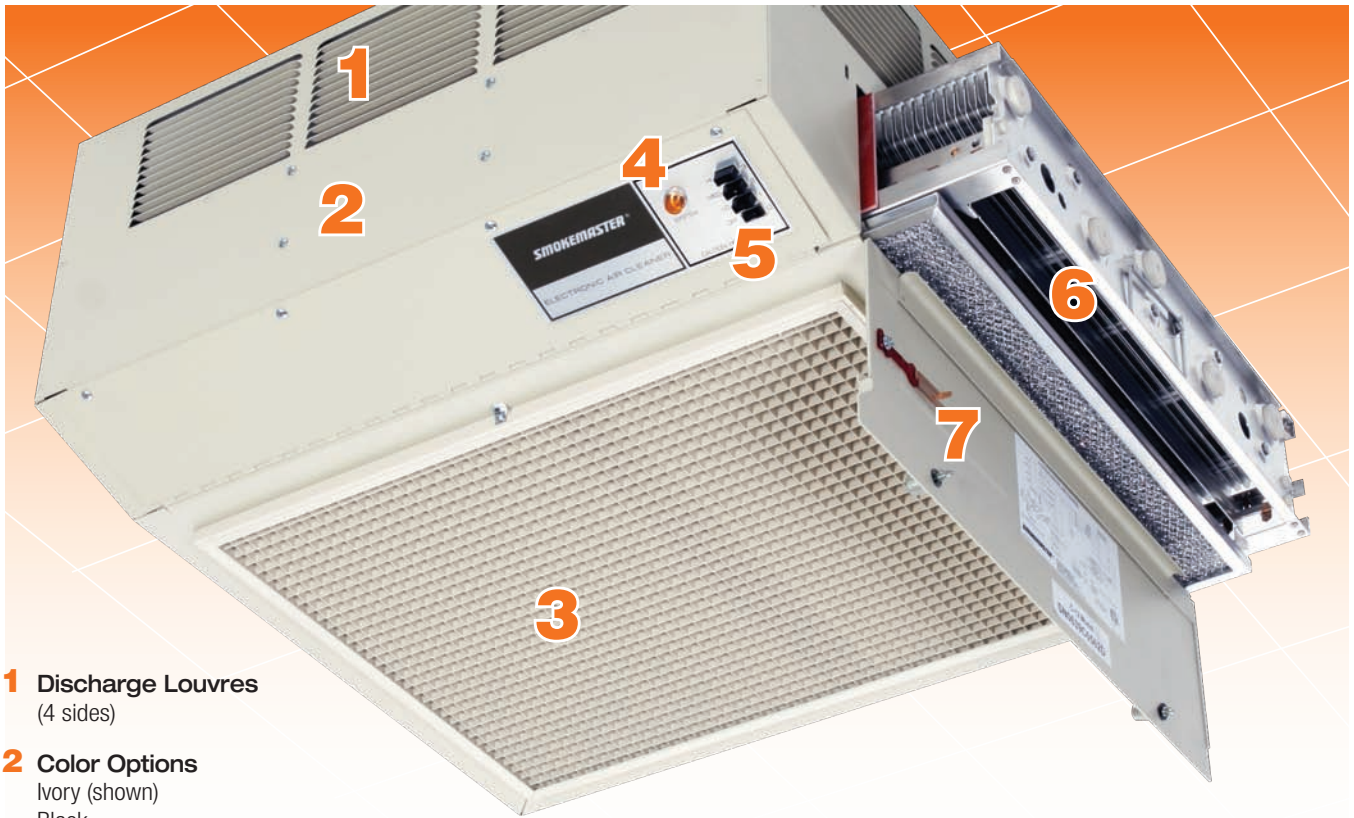
**The Smokemaster C-12 air cleaner is THE air cleaning solution for indoor air quality!**



**AIR QUALITY  
ENGINEERING**

Air Quality Engineering, founded in 1973, is proud to offer a continued, superior level of experience in manufacturing complete air filtration systems that provide the highest performance, efficiency, and capacity for the money. Our sales and engineering team's mission is to identify the most cost-effective, high-quality solutions for our customers' needs, whether commercial, industrial or residential.

## Design Features



**1 Discharge Louvres**  
(4 sides)

**2 Color Options**  
Ivory (shown)  
Black

**3 Removable Prefilters and Grille**  
Washable aluminum mesh prefilters catch larger particles before entering the electronic cells.

**4 System Indicator Lamp**  
Monitors the electrical output automatically, indicating any system malfunction.

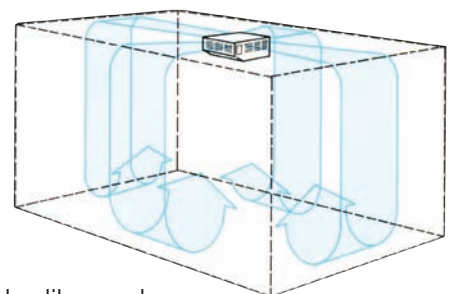
**5 Three-Speed Control**  
Low . . . . . 800 cfm  
Medium . . . . . 1050 cfm  
High . . . . . 1250 cfm  
Energy-efficient motor

**6 Electronic Cells**  
Manufactured by Air Quality Engineering, the two heavy-duty electronic cells are produced with ceramic insulators, heavy-duty collector plates, and sturdy fin supports to provide an "industrial-grade" cell design for commercial applications. Solid-state, dual-voltage smart circuit provides more efficient air cleaning with compact cells that remove easily with sturdy grip handles.

**7 Hinged Access Door**  
Allows easy access to components for periodic cell and prefilter cleaning. Safety interlock disconnects power when door is opened. Built-in test button assures collector performance.

### Smokemaster's key feature is the multidirectional air pattern, the Coanda Aerodynamic Principle.

Our unique four-way method of air recirculation maximizes the amount of contaminated air reaching the air cleaner. 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.



The Smokemaster electronic air cleaner efficiently removes airborne particles like smoke, dust, and dirt so small that it would take 7,000 of them to stretch across this dot (.).

## Installation

The Smokemaster can be easily mounted to the ceiling or a wall and plugs into a 120V outlet. Optimal positioning is nearest the source of contaminant. A qualified representative can assist you with sizing and location for maximum effectiveness.

## Maintenance

Aluminum prefilters and the Smokemaster cells are quickly removed and easily cleaned by soaking in a conventional wash container. Cleaning intervals are dependent on the contaminant density in the area being cleaned.

## Unit Part Numbers

C-12 Ivory 00006

C-12 Black 00007

## Optional Accessories

- Cell-Cleaning Kit (55555) – includes 4 gallons of specially formulated concentrate cell-cleaning detergent; 1 pint of cell coat; and a wash container with lid.
- 1 Gallon Concentrate Cell Cleaning Detergent (45008)
- 1 Pint Cell Coat (45023)
- Wash Container with Lid (30182)
- Wall-Mounting Kit (07006)
- 3-speed Wall-Mount Switch (05007)

## Specifications

Capacity (cfm)

Low Speed	Med. Speed	High Speed
800	1050	1250

## Electrical Ratings

Voltage and Frequency – 120V ac, 50/60 Hz or 240V ac, 50/60 Hz

Current and Power Consumption

Low Speed	Med. Speed	High Speed
2.4A	2.7A	3.3A
200W	230W	270W

## Dimensions

Length	Width	Depth
25"	25"	11.5"

## Weight

Shipping	Installed
75 lbs.	64 lbs.

## Efficiency

Independent lab tested to the most current, stringent standards to deliver over 98.8% efficiency on 3 micron particles at medium speed.

## Power

3-prong, 10-foot power cord plugs into standard grounded outlet.



Specifications subject to change without notice.