



AQE - C-12 - CEILING MOUNTED AIR CLEANER SPECIFICATION SHEET

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, 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.



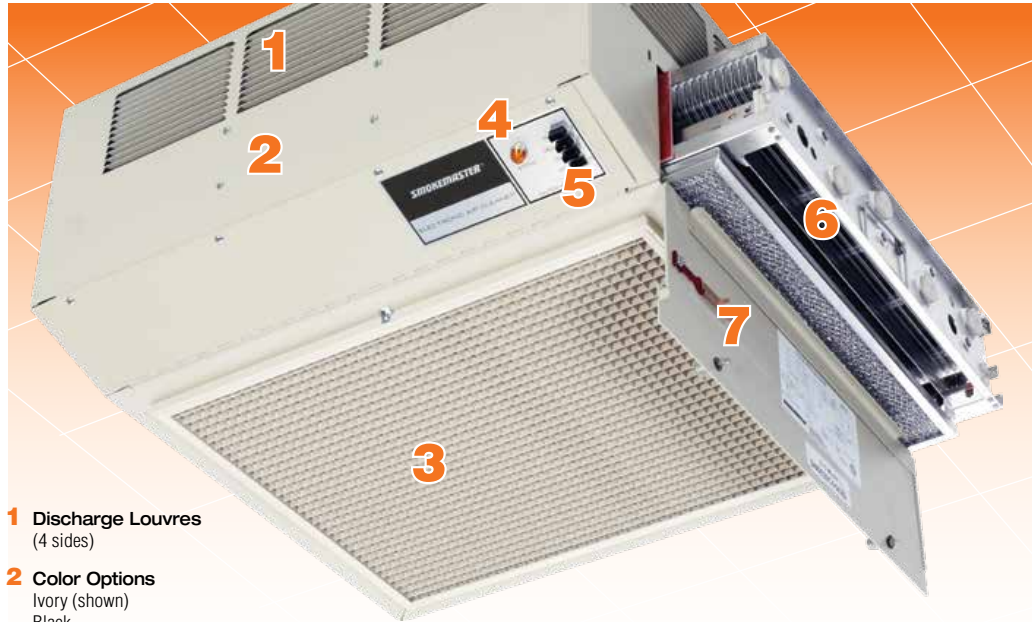
#2 Chootoo Road, South Aranguez, San Juan, Trinidad





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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.

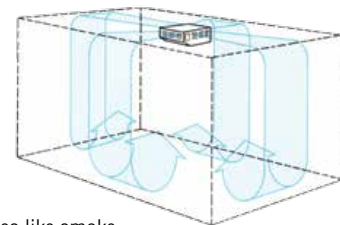
5 Three-Speed Control
Low 800 CFM
Medium 1050 CFM
High 1250 CFM
Energy-efficient motor

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 (.)



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Smokemaster C-12

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

00006 C-12 Ivory
00007 C-12 Black

Optional Accessories

- 41067 – Heavy Duty Prefilter (2 required per C12)
- 07094 – Odor Neutralizer Kit (Retainer and 6 cartridges)
- 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.

This product is not available for sale, resale or installation in California.

Specifications subject to change without notice.



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