



# AIR QUALITY ENGINEERING

*Tailored solutions from people who care*

Indoor air quality has become even more important today as businesses work to enhance air filtration in the place of business and work, and in other institutions. A common recommendation is to increase the MERV efficiencies of your facility's HVAC system (although unfortunately, many systems are not designed to accommodate the increased restriction of the higher efficiency filters).

In addition, the Centers for Disease Control and Prevention (CDC) COVID-19 workplace guidelines suggest considering the use of auxiliary portable HEPA filtration. Air Quality Engineering offers roll-around portable true HEPA filtration as well as ancillary ceiling-mounted and suspended ceiling HEPA-like units (95% DOP Efficient/MERV 16 Efficient).

Your HVAC contractor can recommend the best placement of portable or ceiling-hung units in order to aid appropriate air flows and ventilation for your workplace environment in these challenging times. Air quality is an important investment your clients, customers, and employees have come to rely upon and value.



## Indoor Air Quality Solutions

▶ **EverClear™ CM-11 and MiracleAir™ CM-12**

## Air quality solutions from people who care

Air Quality Engineering, Inc. is a personable, responsive and independently owned U.S.-based company with a single focus of providing indoor air quality solutions delivered with a unique commitment to customer care. Since 1973, we've applied our engineering expertise to the design and manufacture of high-quality air cleaning systems.

Air Quality Engineering, Inc.'s company-based and local air quality dealers and distributors, both in the U.S. and worldwide, work hard to understand your specific concerns and goals. We then recommend and deliver the ideal clean air solution, tailored as needed, for your application.



## Our people, processes and products

### People

- Call our engineers, managers and air quality experts and receive prompt answers to your questions.
- Engineers specialized in:
  - Design
  - Product development
  - Product engineering
  - Applications
- We'll go the extra mile for you — before and after the installation of your new air cleaning system.

### Processes

- Our consultative selling approach ensures we first understand your needs and then recommend a system that will solve your indoor air quality problems.
- The range of products and technologies available from Air Quality Engineering enables us to recommend the ideal air cleaning system for your application.
- We build and strengthen our working relationship with you based on providing honest air cleaning system performance data.

### Products

We design and manufacture our own high-quality air cleaning systems, including sheet metal fabrication, using state-of-the-art equipment and lean manufacturing that:

- Provides quality control
- Increases manufacturing speed and product delivery time

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**Installation**

The CM-11 can be easily flush mounted into a drop ceiling requiring a minimum of 19 9/16" above ceiling space.

**Unit Part Numbers**

**Standard CM-11**

- 00296 EverClear CM-11, WHITE, 120V, 9 lbs. carbon
- 00429 EverClear CM-11, BLACK, 120V, 9 lbs. carbon
- 00298 EverClear CM-11, WHITE, 120V, 3-speed wall control, 9 lbs. carbon
- 00430 EverClear CM-11, BLACK, 120V, 3-speed wall control, 9 lbs. carbon

**Deluxe CM-11**

- 00284 EverClear CM-11, WHITE, 120V, 44 lbs. carbon
- 00427 EverClear CM-11 BLACK, 120V, 44 lbs. carbon
- 00293 EverClear CM-11, WHITE, 120V, 3-speed wall control, 44 lbs. carbon
- 00428 EverClear CM-11, BLACK, 120V, 3-speed wall control, 44 lbs. carbon



**Replacement Filters**

- 41147 Prefilter, 1" Aluminum Mesh, CM-11
- 41039 Media Prefilter Pad, 24" x 29.5" x 1"
- 41149 MERV 16 (95% DOP) Disposable Filter
- 41154 MERV 13 (85% ASHRAE) CM-11
- 41155 MERV 11 (65% ASHRAE) CM-11
- 41162 Disposable Carbon Filter 2" x 19" x 22.38", 4.5 lbs./filter, 2 req.
- 07133 VOC Filter Replacement Kit. CM-11 (20 carbon filters for the two modules)
- 07240 VOC Filter Replacement Kit (50% Carbon 50% PP, 20 filters for the two modules)

**Optional Accessories**

- 41156 Prefilter Frame for Disposable Media Pads, CM
- 41039 Media Prefilter Pad, 24" x 29.5" x 1"

**Capacity (CFM)**

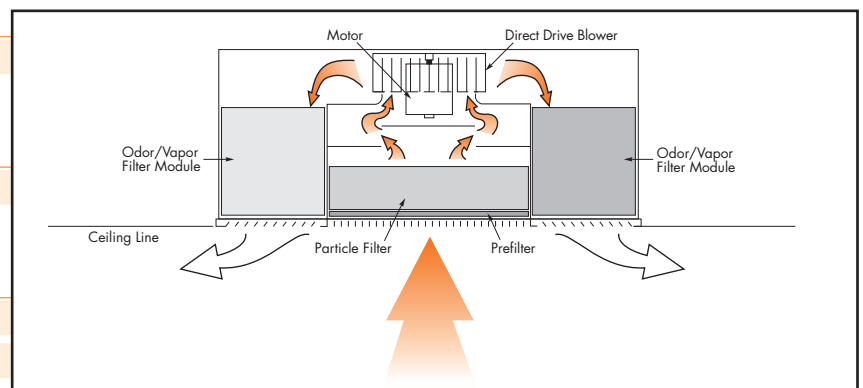
Low Speed	Med. Speed	High Speed
400	650	850

**Dimensions**

Length	Width	Depth
46 5/8"	22 5/8"	19 9/16"

**Weight**

Model	Shipping	Installed
Standard	180 lbs.	125 lbs.
Deluxe	250 lbs.	200 lbs.



**Efficiency (based on filter selection)**

Efficiency	Part No	Filter Description
95% DOP on .3 micron	41149	MERV 16 (95% DOP) Disposable Filter

**Power**

115V, 4.3 AMPS, 60Hz Requires hardwiring  
 230V, 2.2 AMPS, 60Hz

Specifications subject to change without notice.

**Installation**

The CM-12 can easily be mounted to the ceiling or wall and plugs into a 120V outlet. Optimal positioning is nearest the source of contaminant.

**Unit Part Numbers**

**Standard CM-12**

- 00332 MiracleAir CM-12, WHITE, 120V, 5 lbs. carbon
- 00432 MiracleAir CM-12, BLACK, 120V, 5 lbs. carbon
- 00339 MiracleAir CM-12, WHITE, 120V, 5 lbs. carbon, 3-speed wall control
- 00434 MiracleAir CM-12, BLACK, 120V, 5 lbs. carbon, 3-speed wall control

**Deluxe CM-12**

- 00337 MiracleAir CM-12, WHITE, 120V, 22 lbs. carbon
- 00431 MiracleAir CM-12, BLACK, 120V, 22 lbs. carbon
- 00338 MiracleAir CM-12, WHITE, 120V, 22 lbs. carbon, 3-speed wall control
- 00433 MiracleAir CM-12, BLACK, 120V, 22 lbs. carbon, 3-speed wall control

**Replacement Filters**

- 41194 Mesh Prefilter, CM-12
- 41039 Media Prefilter Pad, 24" x 29.5" x 1"
- 41190 MERV 16 (95% DOP) Main Filter CM-12
- 41196 Carbon Filter, disposable (2 each required per Standard Unit) CM-12
- 07163 VOC Replacement Kit CM-12 (1 each required per Deluxe Unit)

**Optional Accessories**

- 07171 Wall Mount Kit CM-12
- 41241 Prefilter Frame CM-12 for Disposable Pads
- 41039 Media Prefilter Pad, 24" x 29.5" x 1"

**Capacity (CFM)**

Low Speed	Med. Speed	High Speed
380	630	850

**Dimensions**

Length	Width	Depth
39"	22 5/8"	13 1/4"

**Weight**

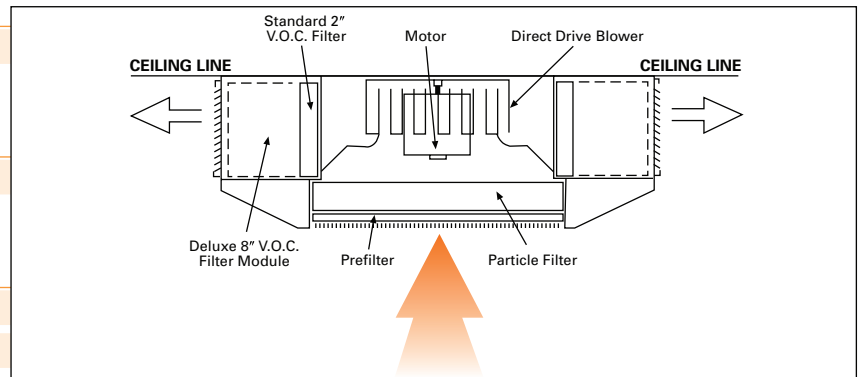
Model	Shipping	Installed
Standard	115 lbs.	90 lbs.
Deluxe	149 lbs.	124 lbs.

**Efficiency (based on filter selection)**

Efficiency	Part No	Filter Description
95% DOP on .3 micron	41190	MERV 16 (95% DOP) Disposable Filter

**Power**

115V, 4.3 AMPS, 60Hz 3-prong, 10-foot power cord plugs into standard grounded outlet  
 230V, 2.2 AMPS, 60Hz



**Power**

Meets California ozone emissions limit: CARB certified.



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