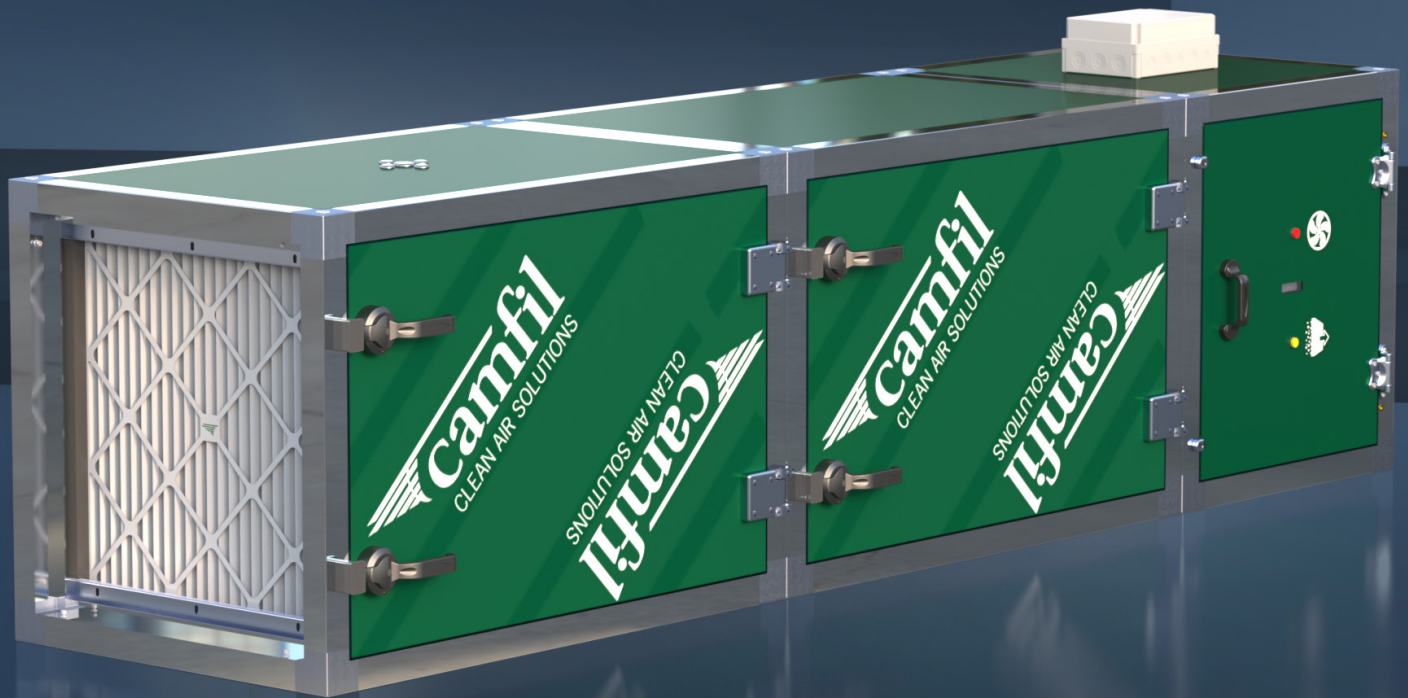




CamCleaner Horizontal

Unducted Air Cleaner Collects Airborne Contaminants



CamCleaner . . . Revolutionary Clean Air Solution

Unducted for Convenience

Modular for Customization

Optimal Air Filtration Performance and Low Operating Costs

CLEAN AIR SOLUTIONS

CAMCLEANER HORIZONTAL

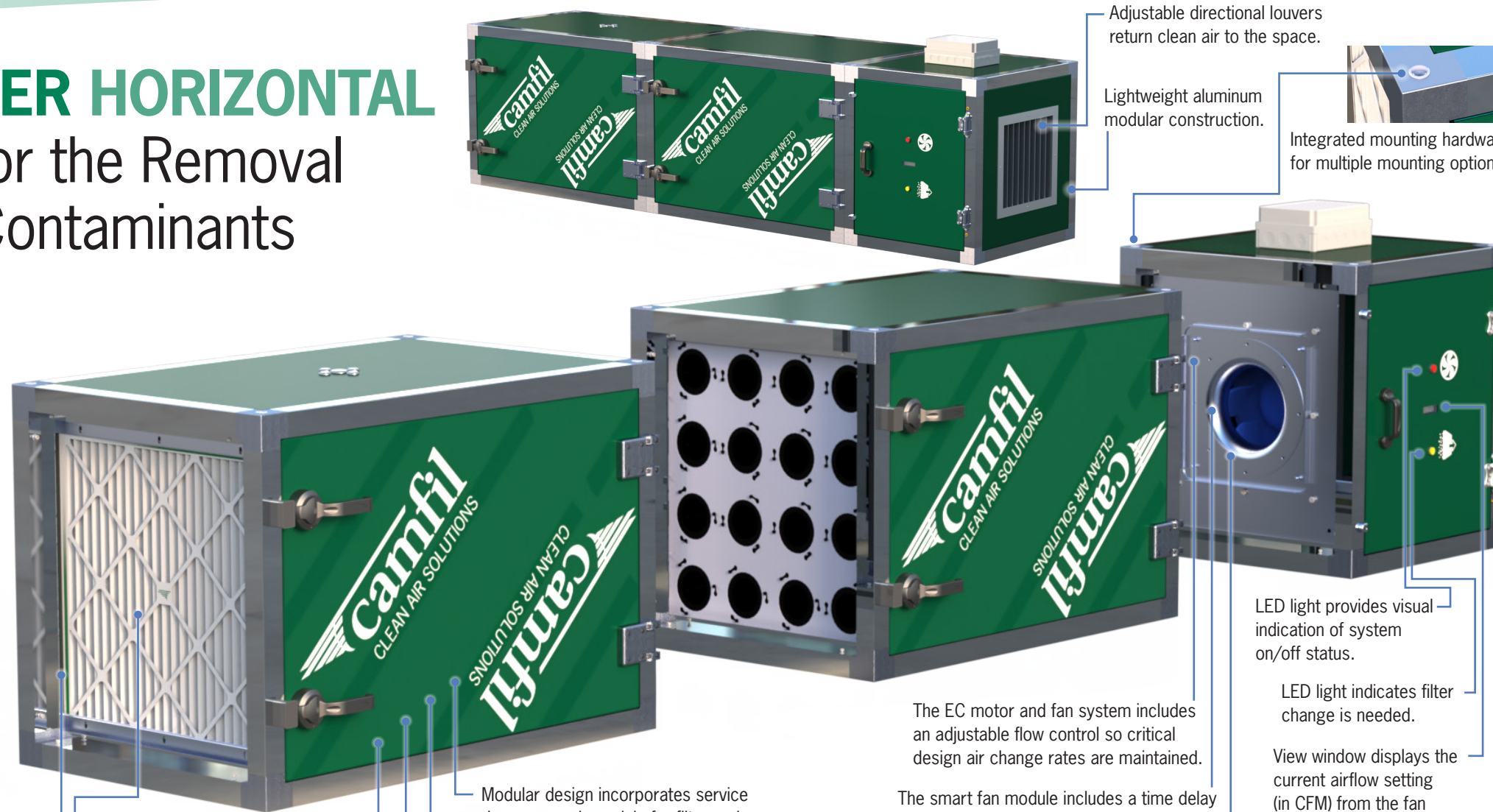
Air Cleaner for the Removal of Airborne Contaminants

The Camfil CamCleaner is an air cleaner designed for the removal of particulate and/or molecular contaminants. The unducted, modular system typically suspends from the ceiling and installed in applications that have high load dust, fumes and high aerosol particulate concentrations — warehouse dust, welding, oil mist, sports facilities, food and beverage, and other locations where direct source capture may be difficult. CamCarb adsorbent cylinders are available as an optional stage of filtration to control molecular contaminants (odors and irritants).

CamCleaners are available in two sizes of air delivery, 2000 and 4000 cfm, the units accept multiple stages of air filtration and offer a broad variety of particulate and molecular filtration options to accommodate specific applications.

Modular Design

The modular design allows for customization of filter selection, ease of handling and reduced shipping costs. Four mounting fasteners per module allow for ease of assembly. Units are also available factory assembled.

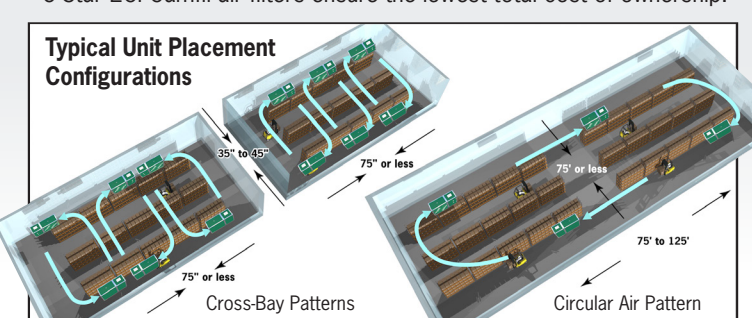


- A full-size side air intake draws contaminants from the room.
- Internal filter holding assemblies include gasketing to prevent air bypass and to ensure the air is fully treated by the system.
- Modular design incorporates service doors on each module for filter and component service.
- Primary and secondary air filters are installed through hinged side access panels. *No tools or fasteners required.*
- Doors include a full perimeter gasket to eliminate ambient leakage or air filter bypass.
- Access doors can be configured for left-hand or right-hand access.

- Adjustable directional louvers return clean air to the space.
- Lightweight aluminum modular construction.
- Integrated mounting hardware for multiple mounting options.

- The EC motor and fan system includes an adjustable flow control so critical design air change rates are maintained.
- The smart fan module includes a time delay relay for staggered CamCleaner fan startup reducing circuit loading on initial startup.
- LED light provides visual indication of system on/off status.
- LED light indicates filter change is needed.
- View window displays the current airflow setting (in CFM) from the fan controller module.
- Smart fan module minimizes sound level.

Air recirculation of filtered air significantly reduces heat and cooling required with makeup air systems. An energy-efficient fan motor and 5-Star ECI Camfil air filters ensure the lowest total cost of ownership.



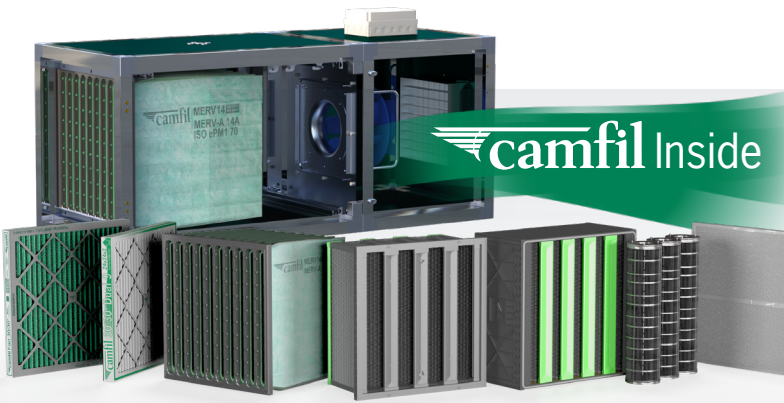
A series of units properly placed creates the correct air pattern and ensures substantial reduction in airborne particles is achieved. The clean air from one unit pushes dirty air to the inlet of the next unit based on the designed number of air changes per hour.

The Perfect Combination

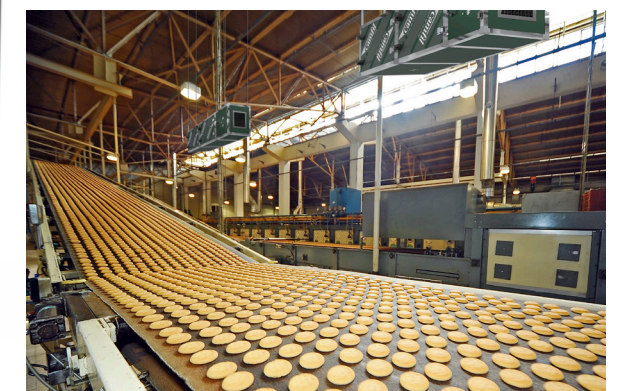
Equipped with the most energy efficient and the longest-lasting filters available, Camfil's superior filters provide optimal system performance.

CamCleaner Filter Options

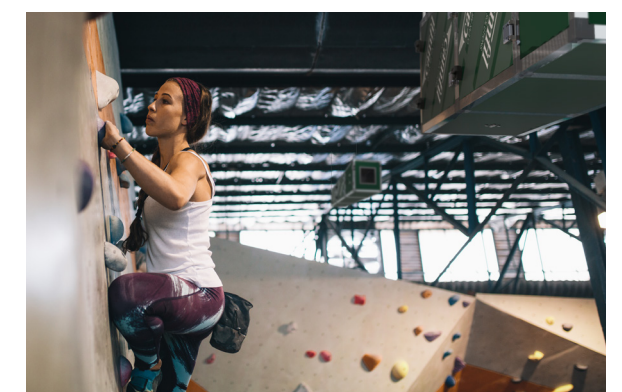
Air filters can be selected specific to the contaminant of concern. Various filtration configurations include a prefilter, a secondary or final filter, and/or a HEPA or molecular filter as the final stage.



Protect workers and the environment from welding smoke.



Protect processes such as food & beverage production.



Control chalk dust for rock climbing facilities.

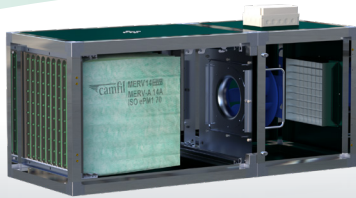


Remove and reclaim oil mist for safety and manufacturing economy.

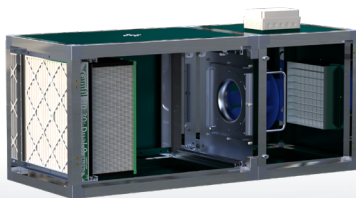


CamCleaner Horizontal

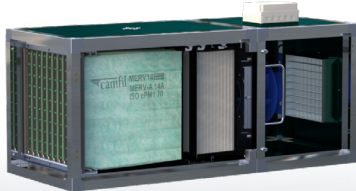
Unducted Air Cleaner Collects Airborne Contaminants



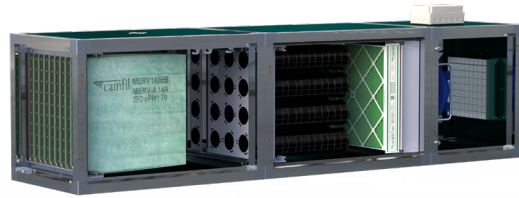
Configuration A
22-inch or 30-inch Hi-Flo® ES bag filter



Configuration B
2-inch 30/30® Dual 9 prefilter, and Durafil® ES, CityCarb® or Absolute® HEPA

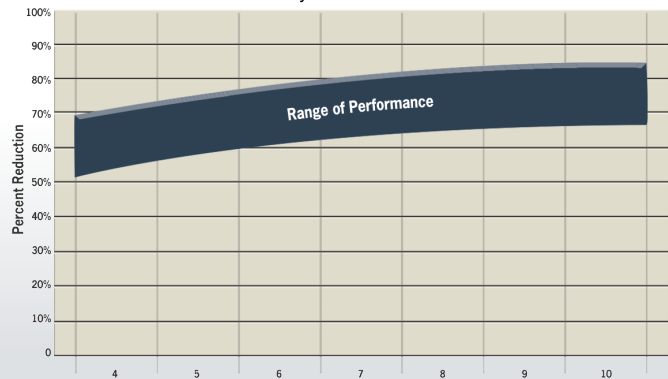


Configuration C
22-inch or 30-inch Hi-Flo® ES bag filter, and Absolute® VGHF HEPA



Adsorber Cylinder Configuration
22-inch or 30-inch Hi-Flo® ES bag filter
24-inch cylinders and
4-inch Farr 30/30® or 30/30® Dual 9 prefilter

Air Changes per Hour
Unducted System Particulate Level Reduction



Factors to consider

- Generation source: continuous or sporadic.
- Particulate size distribution
- Particulate load: light, average, or heavy.

Air Changes per Hour

Air Changes per Hour	Contaminant Generation
2 - 6	Light
8 - 10	Average
12 - 14	Heavy

Filter Module Configurations

	2-inch Track	First 1-inch Header Track	Second 1-inch Header Track	CamCleaner 2000 Dimensions (inches W x H x L)	CamCleaner 4000 Dimensions (inches W x H x L)
Configuration A	None	22-inch or 30-inch bag filter	None	30" x 28" x 70"	30" x 52" x 70"
Configuration B	2-inch prefilter	12-inch cartridge filter	None		
Configuration C	2-inch prefilter	12-inch cartridge filter	Up to 12-inch cartridge filter		
Configuration D	None	Up to 22-inch bag filter	Up to 12-inch cartridge filter		
Adsorber Cylinder Models	Cylinder Track	Downstream Filter Track		30" x 28" x 113"	30" x 52" x 113"
	24-inch cylinders	4-inch dusting filter			
	18-inch cylinders	12-inch cartridge filter			

Recommended filters

2-inch Prefilters: Farr 30/30® or 30/30® Dual 9, **Bag Filters:** Hi-Flo® ES or City-Flo®, **Cartridge Filters:** Durafil® ES, CityCarb® or Absolute® HEPA, **Cylinders:** CamCarb® Cylinders
For complete information by model, see Camfil CamCleaner Data Sheet.

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