



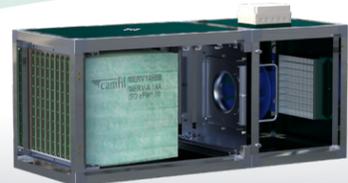
# CamCleaner Horizontal

Unducted Air Cleaner Collects Airborne Contaminants

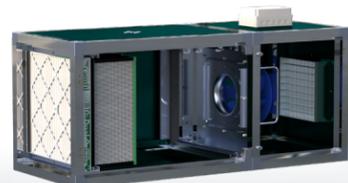


# CamCleaner Horizontal

Unducted Air Cleaner Collects Airborne Contaminants



**Configuration A**  
22-inch or 30-inch Hi-Flo<sup>®</sup> ES bag filter



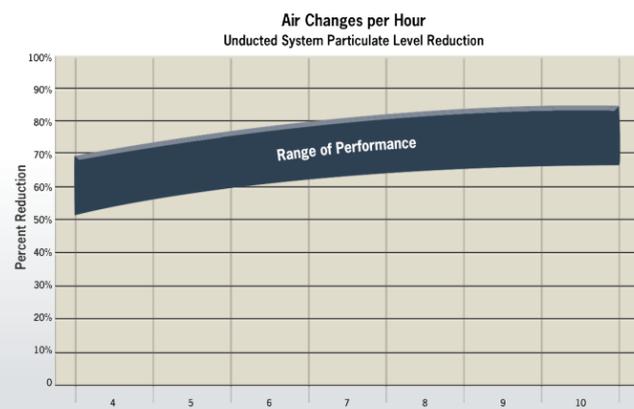
**Configuration B**  
2-inch 30/30<sup>®</sup> Dual 9 prefilter, and Durafil<sup>®</sup> ES, CityCarb<sup>®</sup> or Absolute<sup>®</sup> HEPA



**Configuration C**  
22-inch or 30-inch Hi-Flo<sup>®</sup> ES bag filter, and Absolute<sup>®</sup> VGHF HEPA



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



**Factors to consider**

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

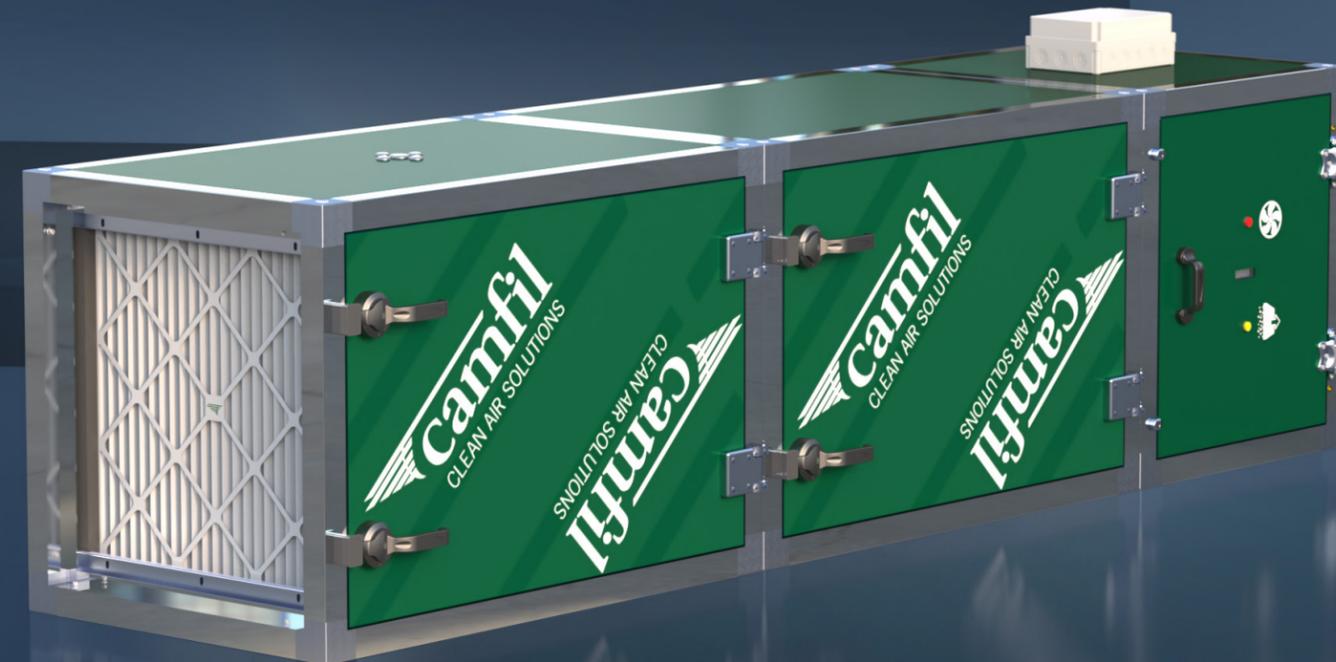
Air Changes per Hour	Contaminant Generation
2 - 6	Light
8 - 10	Average
12 - 14	Heavy

### 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)
<b>Configuration A</b>	None	22-inch or 30-inch bag filter	None	30" x 28" x 70"	30" x 52" x 70"
<b>Configuration B</b>	2-inch prefilter	12-inch cartridge filter	None		
<b>Configuration C</b>	2-inch prefilter	12-inch cartridge filter	Up to 12-inch cartridge filter		
<b>Configuration D</b>	None	Up to 22-inch bag filter	Up to 12-inch cartridge filter		
<b>Adsorber Cylinder Models</b>	<b>Cylinder Track</b>	<b>Downstream Filter Track</b>		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<sup>®</sup> or 30/30<sup>®</sup> Dual 9, **Bag Filters:** Hi-Flo<sup>®</sup> ES or City-Flo<sup>®</sup>, **Cartridge Filters:** Durafil<sup>®</sup> ES, CityCarb<sup>®</sup> or Absolute<sup>®</sup> HEPA, **Cylinders:** CamCarb<sup>®</sup> Cylinders  
For complete information by model, see Camfil CamCleaner Data Sheet.



## CamCleaner . . . Revolutionary Clean Air Solution

Unducted for Convenience

Modular for Customization

Optimal Air Filtration Performance and Low Operating Costs

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For further information, please contact your nearest Camfil office.

CLEAN AIR SOLUTIONS

## CAMCLEANER HORIZONTAL

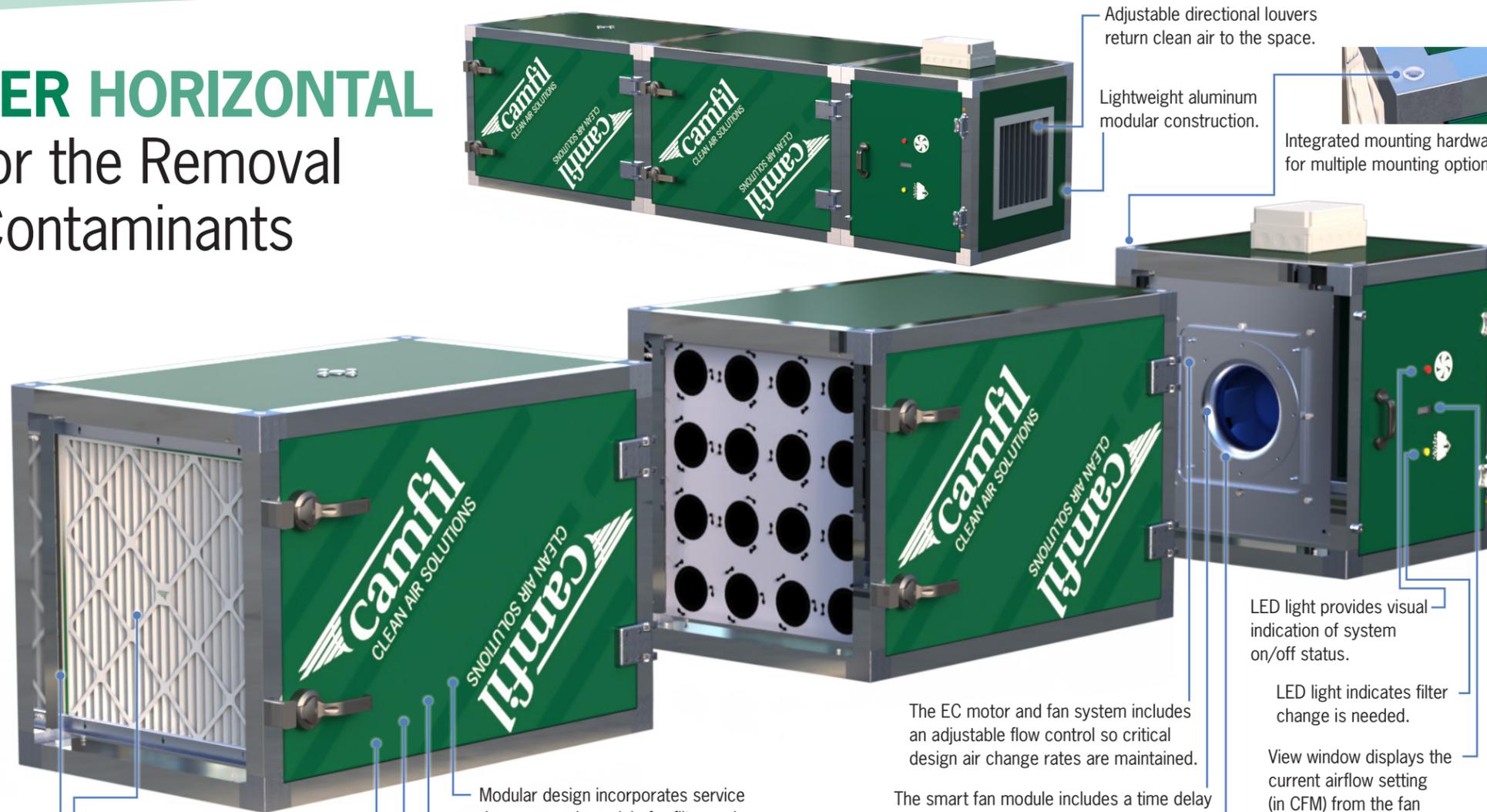
### Air Cleaner for the Removal of Airborne Contaminants

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.



Adjustable directional louvers return clean air to the space.

Lightweight aluminum modular construction.

Integrated mounting hardware for multiple mounting options.

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.

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.

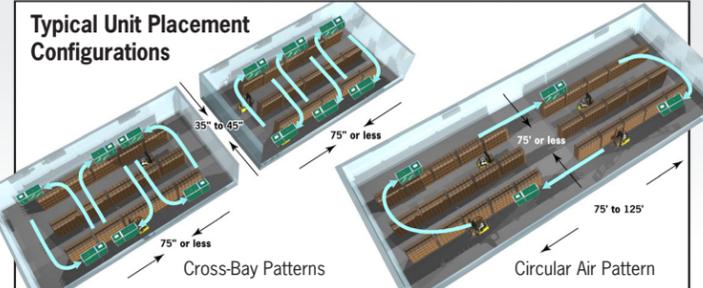
LED light provides visual indication of system on/off status.

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.



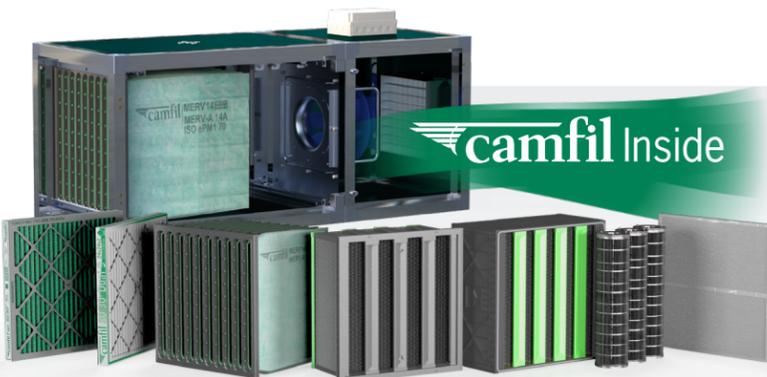
A series of units properly placed creates the correct air pattern and ensures substantial reduction in airborne particles is achieved. The clean air from one unit pushes dirty air to the inlet of the next unit based on the designed number of air changes per hour.

#### 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.