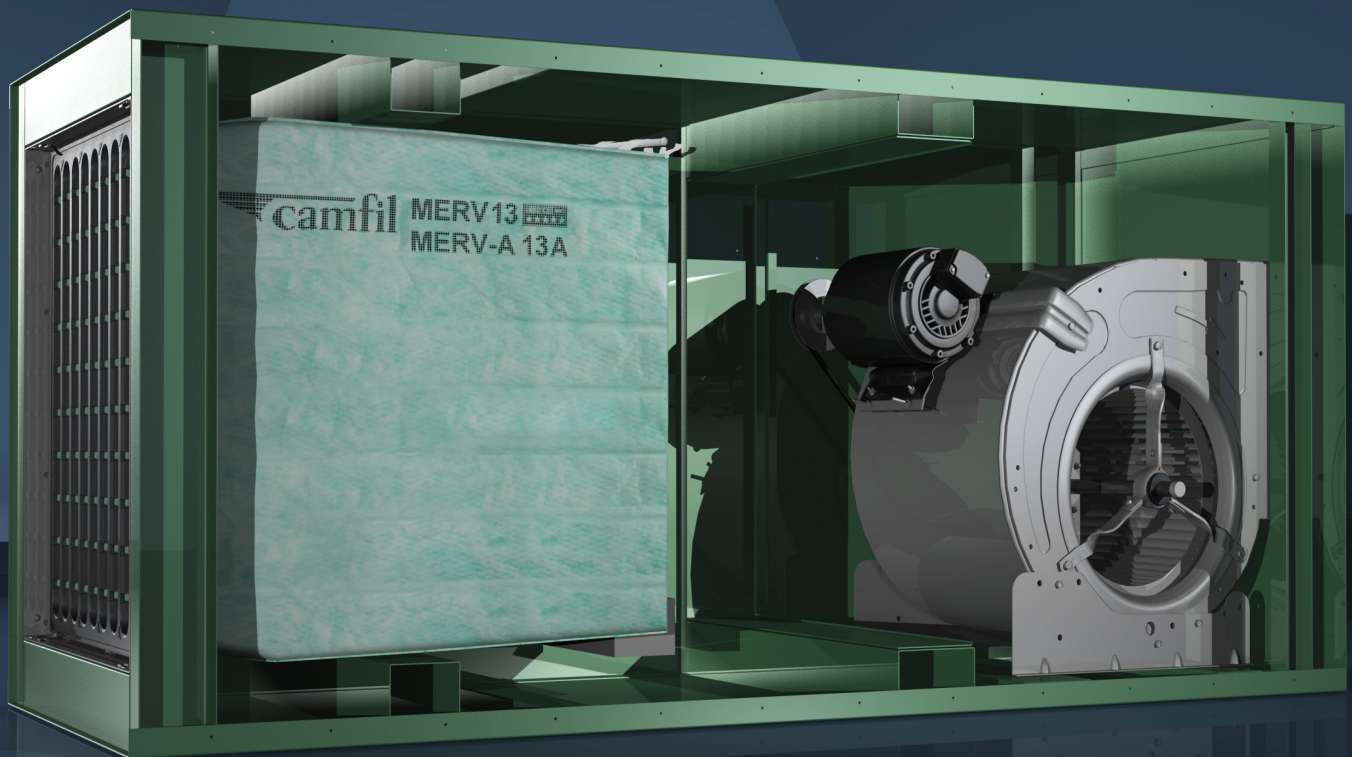




CamCleaner

Air Cleaner for the Removal of Airborne Contaminants



The Best Ever...Inside and Out

The Most Advanced Filtration Technology Available

Clean air solutions

Contaminant Control

The Camfil CamCleaner is an air cleaner designed for the removal of particulate (standard) and gaseous contaminants (optional) and is typically suspended from a ceiling. Applications include areas that have high load particulate concentrations such as warehouse dust, welding, oil mist, printing, food & beverage and other locations where direct source capture may be difficult. CamCarb adsorbent canisters are also an optional stage of filtration to control odors and gases.

Available in two sizes of air delivery, 2000 and 4000 cfm, the unit accepts multiple stages of air filtration wherein the user can select from a variety of particulate or gaseous/chemical filtration.

1 A full size air intake draws contaminants from the room, recirculating the air through each stage of air filtration and back into the conditioned space.

2 Internal air filter holding assemblies include gasketing to prevent air bypass and ensure that all of the air is being treated by the system. Primary and secondary air filters are installed from this end of the CamCleaner and installation does not require tools or fasteners.

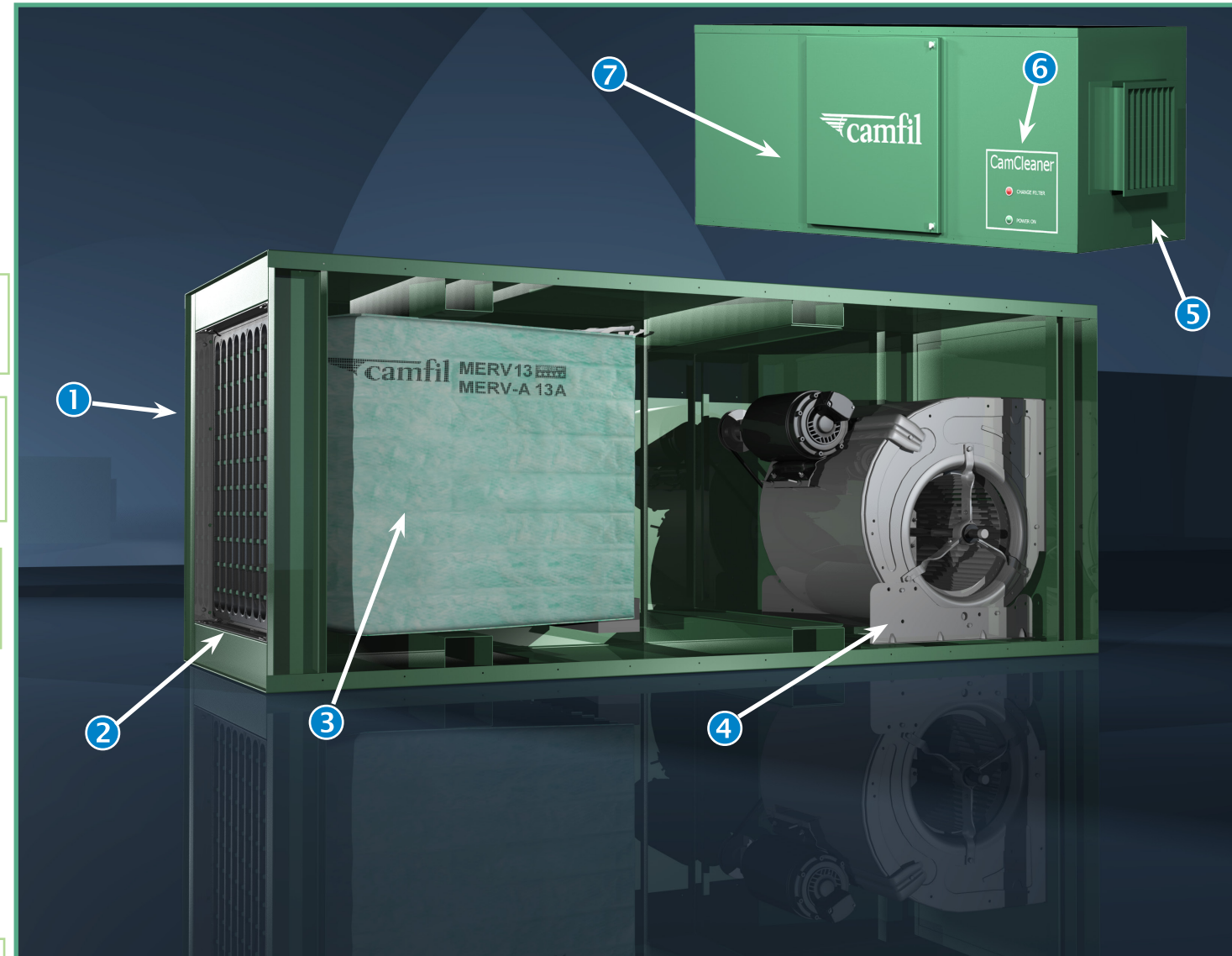
3 Filter options: Air filters can be selected specific to the contaminant of concern. Various configurations include prefiltration, a secondary or final filter, and/or a HEPA or adsorbent filters as the final stage.

4 2000 or 4000 cfm units are available. The fan has been specially selected to deliver uniform airflow at a noise level unobtrusive to room occupants.

5 Adjustable directional louvers return clean air to the space.

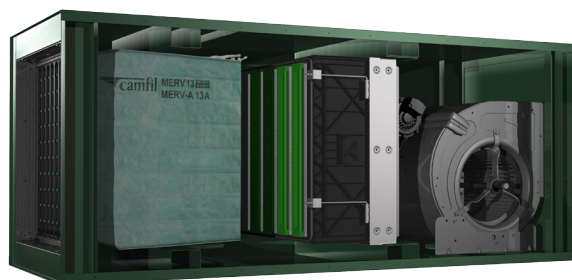
6 LED indicators provide a visual indicator for unit ON and particulate air filter pressure drop and unit operation.

7 CamCleaner service door provides access to all components and allows convenient change of particulate or cartridge style adsorbents. The door includes a full gasket to eliminate ambient leakage or air filter bypass.

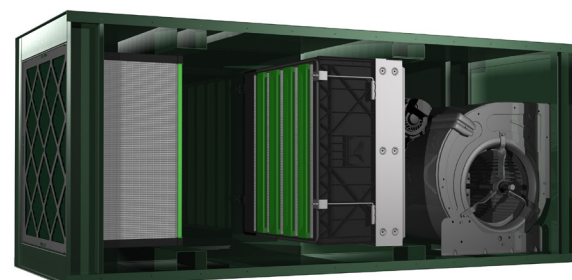


(not shown) A 90° outlet is available as an option to direct conditioned air to a specific area.

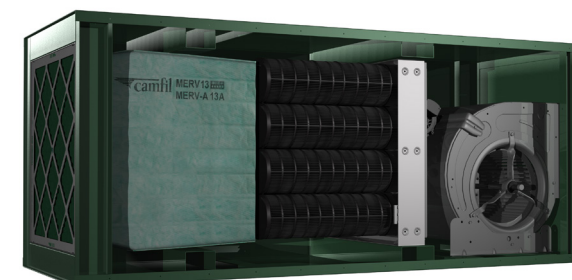
5-Star air filters provide 5-Star air cleaner performance. CamCleaners use Farr 30/30®, Hi-Flo® ES and Absolute® VG V-bank HEPA filters with lifetime guaranteed efficiencies.



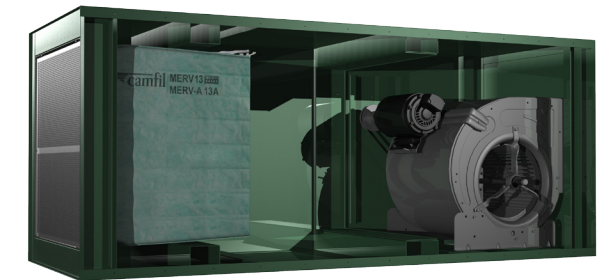
This configuration includes a Camfil Hi-Flo® ES bag filter and an Absolute® VG V-bank HEPA filter. Particulate capture and energy savings are maximized.



This configuration includes a Camfil Farr 30/30®, a Durafil® ES² V-bank filter and an Absolute® VG V-bank HEPA filter for very high loading applications.



This configuration includes the Camfil Farr 30/30®, a Hi-Flo® ES bag filter and Camfil CamSorb adsorbent canister filters for the removal of particulates and gaseous contaminants.



The CamCleaner air cleaner is also available with filters specific to the removal of mists (including oil). Filters include a Camfil metal mesh mist removal filter and a MERV 13 Hi-Flo® ES bag filter. The unit includes a 1" IPS drain connection for mist collection for reclaim or disposal.



Protect processes such as food & beverage production.



Protect workers and the environment during welding.



Remove oil mist for environmental safety and reclaim.



CamCleaner

Air Cleaner for the Removal of Airborne Contaminants

Dimensional and Performance Data	CamCleaner CC2000H	CamCleaner CC4000H
Rated Airflow	2,000 cfm	4,000 cfm
Prefilter	Option	Option
Final filter	(1) HFESMV11/24/24/30/10 or (1) HFESMV13/24/24/30/10	(2) HFESMV11/24/24/30/10 or (1) HFESMV13/24/24/30/10
Canisters	Option	Option
Sound level @ 5 foot perimeter	68 dB	73 dB
Operating weight	450 lbs	500 lbs.
Height	30-3/4"	30-3/4"
Length	77-3/16"	77-3/16"
Width	27-3/4"	53-3/4"
Voltage	120V/1P, 240V/1P, 240V/3P or 480V/3P	120V/1P, 240V/1P, 240V/3P or 480V/3P
Power consumption	820 watts	1,030 watts
Throw (distance @ 100 fpm)	70 feet	100 feet

Data notes: Power consumption and sound ratings performed using 30-inch deep Camfil Hi-Flo ES bag filters only.
Standard electrical supply: 480V/3P

Camfil CamCleaner Specification

1.0 General

Air cleaner shall be self-contained unit with fan, a prefilter section, final filter section, (a HEPA filter section,) and LED indicator lights to identify power on and filter change time.

Construction

- Unit enclosure shall be 16-gauge powder-coated steel. Prefilter and final filter access shall be from air intake end of the unit and shall include an integral filter holding frame that allows filter installation without the use of fasteners.
- The unit shall be designed to accommodate a 2-inch or 4-inch prefilter. The second stage shall be designed to accommodate any headed bag, rigid or V-bank type HVAC air filter. (The third stage shall include a HEPA filter holding frame to accommodate the installation of a V-bank plastic frame HEPA air filter.)
- The fan shall be located at the air exiting side of the unit and shall have a rated capacity of (2000, 4000) cfm with air filters installed.
- An air supply register with adjustable directional louvers shall be

installed on the air existing side of the unit. Airflow adjustment shall be either vertical or horizontal.

- Electrical supply shall be (120V/1P, 240V/1P, 240V/3P, 480V/3P)

- The unit shall include two integrated LED lights that shall indicate that the power to the unit is active and another to indicate that the air filters require service.

The unit shall be supplied with one (MERV 11, MERV 13) Hi-Flo ES bag filter. The filter shall also have a MERV-A of (11, 13).

- Manufacturer shall warrant the unit to be free from defects for a period of one year from date of installation.

Required Submittals

- Provide an ASHRAE test report noting filter efficiency of (MERV 11, MERV 13) when tested using ASHRAE Air Filter Testing Standard 52.2. It shall also have a MERV-A of (11, 13) when tested using the same Standard.

* Items in parentheses () require selection).

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