

# HM Series Horizontal Media Filtration Collectors

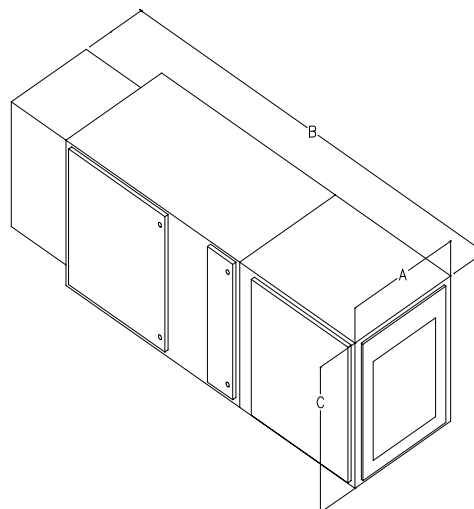
AER Control Systems HM Series Horizontal Media Collection systems are designed to provide efficient, cost effective control of mist, dust, smoke, fume and gas/vapor contaminants generated from a variety of manufacturing and process applications.

Our Horizontal Media Collection Systems modular design provides the ultimate in unit filtration flexibility or adaptability enabling them to handle a wide variety of airborne contaminants. Modular design allows for simple integration of additional filter modules which allows the collectors filter stages to be easily customized to meet the exact filtration requirements of the application. Should contaminants change due to process changes, existing filter modules can be easily added and/or altered to adapt to the new contaminants generated.

The HM series systems are the most flexible collector offered in the Media Filtration product line. The unit can be supplied as ducted, point source capture systems, or set-up as unducted systems to provide ambient air cleaning of the general plant air. In addition to general horizontal configurations, HM series units can also be set-up for verticle mounting or portable units that can be moved throughout the plant.

## Options

- HEPA Module: with an efficiency rating of 99.97% @ 0.3 microns
- Carbon Module: offering 45-135 lbs. of carbon, for the removal of gas/vapors and odors
- High Capacity Carbon Tray Module: offering 90-270 lbs. of carbon, to remove gas/vapors and odors
- Impinger Module: for removal of larger mist particles and sticky mist contaminates
- Multi-Vee Module: for removal of dry or moist sticky dusts
- Inlet Plenum: for connecting ducting
- Outlet Plenum: for connecting ducting
- Attenuators
- Direct Drive Fan Packages
- Portable Unit Configuration
- Custom Units available up to 45,000 CFM



## Key Features

- Available with CFM ratings from 3000-9000 CFM's
- Motors available from 2 to 7.5 HP for a wide range of applications
- Adjustable RPM, belt driven blowers for varying airflows
- Magnehelic Gauge for quick reference of filter loading
- Third Stage Filter element provides 95% efficiency per ASHRAE 52.1 & 52.2
- Bag support rods provide positive filter support and spacing for optimum filter life and efficiency
- Drip Resistant Recessed Inlet Grill: for un-ducted units

Unit Type	CFM	Mtr HP	Weight lbs.	AxBxC in.
HMD-2000/HMW-2000	2000	2	320	26x73x32
HMD-3000/HMW-3000	3000	2/3	340	26x88x32
HMD-6000/HMW-6000	6000	3/5	620	50x88x32
HMD-9000/HMW-9000	9000	5/7.5	754	71x88x32
HMD-2000/HMW-2000	2000	2	438	26x94x32
HMDH-3000/HMWH-3000	1200-1500	2/3	458	26x109x32
HMDH-6000/HMWH-600	2400-3000	3/5	830	50x109x32
HMDH-9000/HMWH-9000	3600-4500	5/7.5	1072	71x109x32