



**DIVERSITECH**  
Air Pollution Solutions



**FILTERHAWK**  
Ambient Air Cleaners

# FILTERHAWK

AMBIENT AIR CLEANERS



Welding



Grinding



Oil Mist

Diversitech's Filterhawk Ambient Air Cleaners are designed to collect dust smoke and other airborne particulates with a 3 stage filtration system consisting of MERV 7 prefilters, MERV 8 Panel filter and MERV 14 primary multi-pocket bag filters. The T configuration of drawing dirty air in through the sides and exhausting clean air out creates a circular airflow pattern in your shop to quickly and efficiently clean and exchange the air. These ambient air cleaners are constructed using powder coated steel. The modular configuration of the Filterhawk allows units to be combined with multiple modules in a double or quad setup to increase the amount filter media. The air cleaners can be easily installed in your facility with an optional wall mounting bracket or eyebolts to hang the units with chains.

## Features:

- Powder coated steel
- Chain hung or wall mounted
- Three-stage filtration system

## Applications:

- Welding smoke and fumes
- Wood dust
- Oil mist and smoke from machining
- Dust from grinding

## Options:

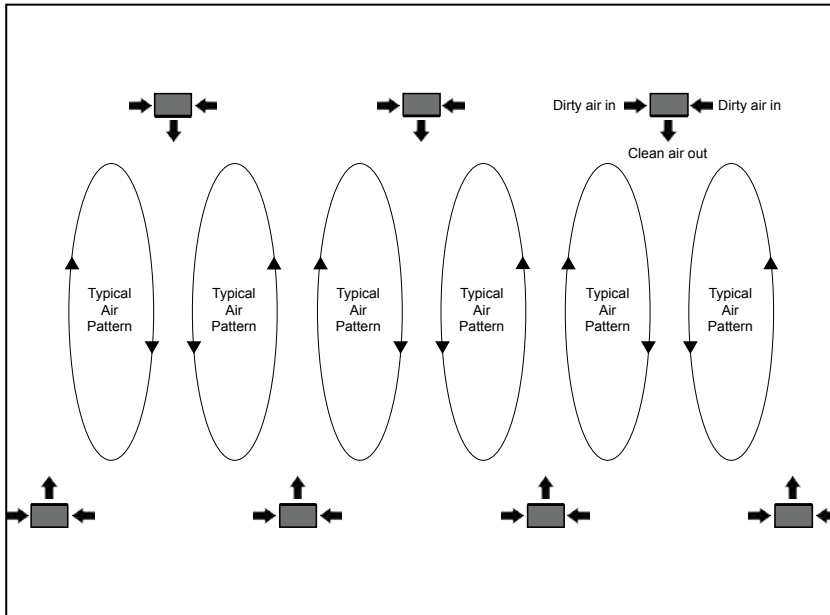
- Wall mounting bracket
- Manometer



[www.diversitech-air.com](http://www.diversitech-air.com)



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## How the Filterhawk Ambient Cleaners works

The Filterhawk ambient air cleaners are typically either setup in a wall mounted configuration along a wall or column, or are chain hung with eyebolts on the trusses of a building. The units are built from a rugged powder coated steel structure. Air cleaners are typically arranged in a staggered layout along the perimeter of the plant to ensure a circular airflow pattern between units. Dirty air is pulled in from both sides of the unit, through a 4" panel prefilter and two MERV 14 bag air filters. The air is then blown out the front exhaust of the unit, moving dirty air over into the next air cleaner through creating a T like airflow pattern.

## Technical Specifications

| Model     | Airflow (CFM) | Motor (H.P.) | Pre Filter Type | Paper Pleated Filter | Bag Air Filter | Blower     | Input Power (v/p/hz) | F.L.A (amps) |
|-----------|---------------|--------------|-----------------|----------------------|----------------|------------|----------------------|--------------|
| FH-A-3000 | 3000          | 1.5          | (2) MERV 7      | (2) MERV 8           | (2) MERV 14    | Belt Drive | 120v/1/60Hz          | 15.5         |
| FH-A-4500 | 4500          | 3.0          | (2) MERV 7      | (2) MERV 8           | (2) MERV 14    | Belt Drive | 230/460/575v/3/60Hz  | 9.6/4.8/3.9  |

## Dimensions \*\*

| Model     | Product Dimensions (in.) |              |             | Net Weight (lbs.) |
|-----------|--------------------------|--------------|-------------|-------------------|
|           | Height (in.)             | Length (in.) | Depth (in.) |                   |
| FH-A-3000 | 25                       | 72           | 25          | 390               |
| FH-A-4500 | 25                       | 72           | 25          | 428               |

\*\* Product dimensions are based on base-models and may vary depending on selected product features. Please contact us for an accurate shipping quote.

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