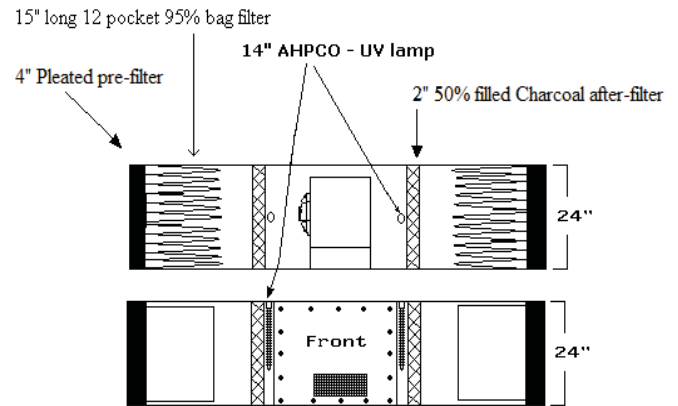


## FD/EMS Series M-30

M-30UV

This model features the latest in air filtration technology. The M-30UV incorporates a **multi-stage** filtration process. Multi-stage filtration is paramount to performance in the fire-house/emergency vehicle environment. Air King provides a very cost effective solution for this environment.



**Stage 1** - is a 4" common pleated filter used to economically capture the larger particles in the air while keeping the cost of the filter to an absolute minimum. This filter can be changed most often with the least cost.

**Stage 2** - is a 15" long 12 pocket 95% ASHRAE bag filter which handles the largest share of the particulate filtration process. The bag filter is readily available and economical to replace on a regular basis.

**Stage 3** - is a 2" activated granular charcoal filter which starts the process of adsorption of gaseous air contaminants by bonding to the magnificent molecular structure of the carbon surface. Adsorption is the best method for reducing VOC's and odors in the air.

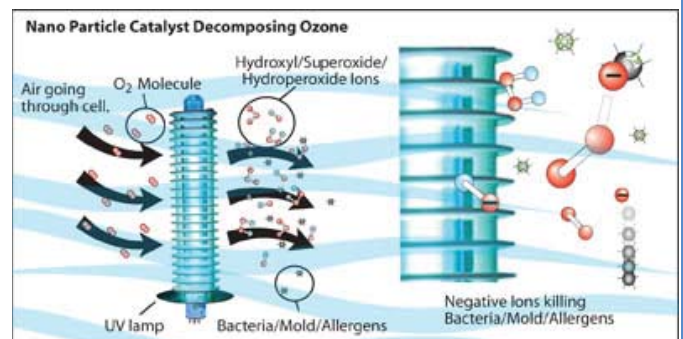
**Stage 4** - is a 14" AHPCO™ Module. This stage incorporates the latest in Ultraviolet (UV) light radiation and Photo Catalytic Oxidation (PCO) to destroy molds, bacteria, and toxic organic compounds. Simply adding a UV lamp to a filter system will not achieve the same results. PCO is required to clean the air. This stage completes the entire process of cleaning your air of particles, gases, and toxic compounds suspended in the air you breathe in your shop.

### How the AHPCO™\* Module works:



The Air Oasis air purifier technology converts ozone into four additional ions: hydroxyl, hydro peroxide, super oxide and ozonide ions. By utilizing redundant oxidizers you receive greater benefits than that of ozone alone without the harmful side effects of an ozone air purifier.

The Air Oasis module utilizes true nano technology in their patented quad Nano Xtreme™ catalyst. The quad Nano Xtreme™ catalyst coating utilizes the power of five strong catalyst metals as well as a hydrating agent making this catalyst the most effective on the market today. The particles of the metals were reduced down to a nano-size in order to increase the surface area and therefore increase the kinetic rate of reaction. Some competitors are using simple UV lamps or lamps with TiO<sub>2</sub> (Titanium Oxide) alone with no hydrating agents or other less effective catalyst coatings. We use the Air Oasis module because it is setting the trend for the next generation of air purifier systems!



\*AHPCO = Advanced Hydrating Photo Catalytic Oxidation



## FD/EMS Series M-30

**TIME TESTED:** The *AIR KING* line of air filtration units have been manufactured by Iowa Distributing Company, Inc. for over 30 years. Our various models have been used in literally thousands of applications throughout the entire United States and Canada. We offer a three-year warranty on all our units. (Filters are not eligible)

**ENGINEERED:** The *AIR KING* units are designed using 16 Gauge cold rolled steel cabinets with proven components inside. Our products are finished with chemical and scuff resistant polyester powder coatings for long life and good looks. Each unit is a self-contained system and can be used individually or in combinations for effective management of your air quality.

**SUPPORTED:** The *AIR KING* units are sold through dealers throughout the country. Many of our dealers are the most experienced air quality specialists in your area. Some of them stock specific units, components, or filters for serving your needs in a timely manner. All dealers are supported by the factory with readily available inventory of parts and filters. Call us to locate your dealer whenever you need information or assistance.

### SPECIFICATIONS OF THE AIR-KING M-30UV Series

<b>Cabinet:</b>	<b>16 Gage Coldrolled Steel</b>
<b>Finish:</b>	<b>Circuit Blue Polyester Powder Coating – chemical and scuff resistant</b>
<b>Size:</b>	<b>72” L x 24” W x 24” H</b>
<b>Weight:</b>	<b>205 lbs</b>
<b>Power:</b>	<b>115 Volts AC</b> <b>11.0 Amps including AHPCO™ UV Modules</b>
<b>Motor:</b>	<b>3/4 hp PSC with internal thermal overload protection with restart</b>
<b>Switch:</b>	<b>Two Speed – High/Off/Low - rocker style</b>
<b>Blower:</b>	<b>10 by 10 Direct Drive Centrifugal Forward Curve</b>
<b>Capacity:</b>	<b>Max 3000 CFM</b>
<b>Grill:</b>	<b>Four way individually adjustable blades</b>
<b>Filters:</b>	<b>4” Pleated Prefilter (2 qty)</b> <b>15” Long x 24”W x 24”T 12 pocket bag filter 95% ASHRAE (2 qty)</b> <b>2” Activated Charcoal pellet filter 24”W x 24”T (2 qty)</b> <b>14” Air Oasis AHPCO™ UV Module (2 qty)</b>
<b>Gage:</b>	<b>Magnehelic Pressure Gage (shows when to change filters)</b>
<b>Warranty:</b>	<b>Three years on all parts except filters and media.</b> <b>AHPCO™ Module has a three year from Air Oasis.</b>

**Features:** Because the UV light is shielded from eyes behind a charcoal filter, and is hard to determine if the lamps are on or still working, we have incorporated indicator lamps on the front of the cabinet – one for each lamp to visually confirm the lamps are still active. However, because the filter unit can be very effective on dust and particles, the unit can still operate the blower with standard filters should one or more UV module become inoperative.

**Value:** All *AIR KING* filter units come with a 3-year warranty on all parts (except filters). We have obtained a 3-year warranty from Air Oasis on the AHPCO™ Module as well! You are in good hands and breathing clean air with *AIR KING* !!

Clean Air  
Is Just  
**GOOD**  
Business