

Filter Wall (FW) Series

The *AIR KING* family of Filter Walls are flexible and configurable. What do we mean?

Our modular design can accommodate a variety power options including the size (HP) of the motor and the number of motors/blowers per wall unit. You know the volume of air you want to move, we may be able to give you multiple options to satisfy your requirements. Our design incorporates features that make the Air King FW Series the cost effective choice in vertical wall filtration. The best feature of the Air King models is the ability to adapt to changing needs long *after* the installation. *Versatility* and *Value* were key factors in the design. When your needs change, our units can be changed as well. You can add modules to make the units taller or add motors and blowers to make the units move more air. The **modular design** is easily expanded or retracted

based on your need. Our design features all-steel construction for safety and durability.

Our *AIR KING* units provide multi-stage filtration to provide the performance you require.

Stage 1 - is a 4" nominal aluminum mesh pre-filter used to shield the inner filters and bags from sparks and hot metal grindings as to prevent sources of ignition. These filters can be hosed off and reused many times over. In a dust or spray environment, you can replace the aluminum filters with less expensive pleated media or poly-fiber filters.

Stage 2 - is a commonly available 4" nominal pleated filter used to economically capture larger particles in the air while keeping the cost of the filter to an absolute minimum. (Stage 3 can be left empty to allow more airflow.)

Stage 3 - is a 26" long 8 pocket 65% ASHRAE bag filter which handles the largest share of the particulate filtration process. This bag filter is common and economical to replace on a regular basis. The 65% filter will "load-up" over time and slowly become 85% and eventually 95% efficient. The gradual process provides longer filter life and saves you money from a lower acquisition cost and longer time between changes. 95% filters are also available.

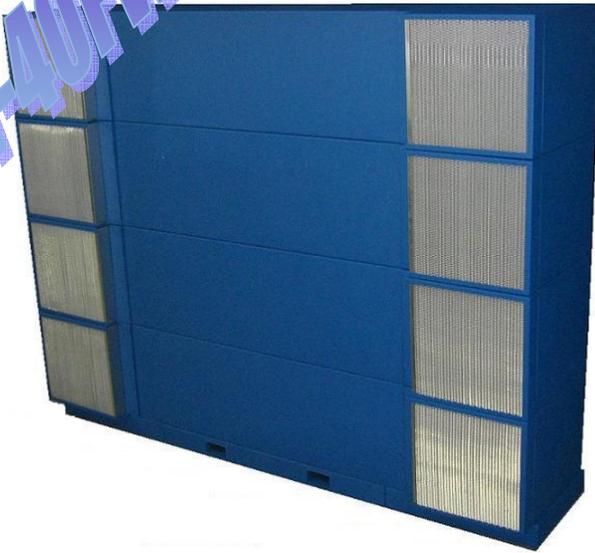
All the stages work together to SAVE you MONEY.

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.

H-40FWA



Reliable

Filter Wall (FW) Series

Call us to locate your dealer whenever you need information or assistance.

SPECIFICATIONS OF THE AIR-KING Filter Wall Series

Model #	CFM	Model #	CFM	Size of Unit	Filters	Filter area
M-32FWV2 (1) 115VAC 3/4hp	3200			127"W x 48"H x 26" Deep	4 Aluminum Mesh 4 Pleated Filters 4 65% bag filters (optional 95%)	276 sq ft. of media
M-32FWV3 (1) 115VAC 3/4hp	3200			127"W x 72"H x 26" Deep	6 Aluminum Mesh 6 Pleated Filters 6 65% bag filters (optional 95%)	414 sq ft. of media
M-32FWV4 (1) 115VAC 3/4hp	3200	M-60FWV4 (2) 115VAC 3/4hp	6000	127"W x 96"H x 26" Deep	8 Aluminum Mesh 8 Pleated Filters 8 65% bag filters (optional 95%)	552 sq ft. of media
M-90FWV4 (3) 115VAC 3/4hp	9000			127"W x 96"H x 26" Deep	8 Aluminum Mesh 8 Pleated Filters 8 65% bag filters (optional 95%)	552 sq ft. of media
M-40FWV4 230VAC 2hp*	4000	M-45FWV4 230VAC 3hp**	4500	127" W x 96"H x 26"Deep	8 Aluminum Mesh 8 Pleated Filters 8 65% bag filters (optional 95%)	552 sq ft. of media
M-40FWV4 (2) 230VAC 2hp*	8000	M-45FWV4 (2) 230VAC 3hp**	9000	127" W x 96"H x 26"Deep	8 Aluminum Mesh 8 Pleated Filters 8 65% bag filters (optional 95%)	552 sq ft. of media

* 2hp 3phase 208-230/460VAC rating FL Amps 6.0-5.8/2.9

** 3hp 3phase 208-230/460VAC rating FL Amps 9.0-8.6/4.3

* & ** Junction Box prewired to single speed motors. Motors compatible with adjustable speed drive controllers.

Optional: "Wing" panels for extensions

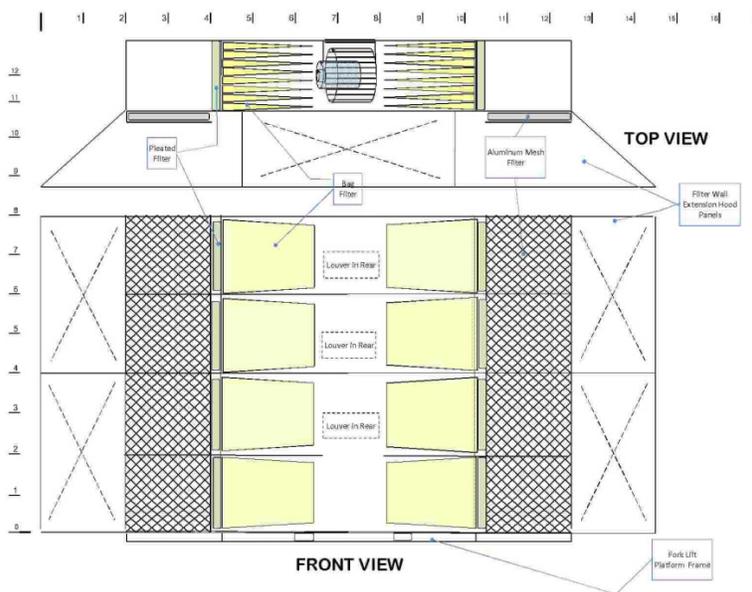
Warranty:

Three years on all parts except filters and media.

Other configurations and options available – call for information.



Fork Lifiable



This configuration is that of M32-FWV4 unit contains (3) 110VAC 3/4hp motors

Clean Air
Is Just
GOOD
Business