

## Robot Hood (RH) Series

This model incorporates the features that make the Air King RH Series the cost effective choice in “area specific” air filtration. The M-40RHH3 incorporates a **modular design** that is easily expandable while providing all-steel construction for safety and durability.



The beauty of the modular design is that in you need to install the unit inside a confined space or hard to access location, the unit can be shipped in components for on-site assembly or as a completely finished unit.

*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 longer should you need more size, or remove modules to reduce the size. If your need for “area specific” filtration changes, our RH Series units can be converted to ambient air cleaners and re-deployed in a wide area filtration environment.

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.

**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** – 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.

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.

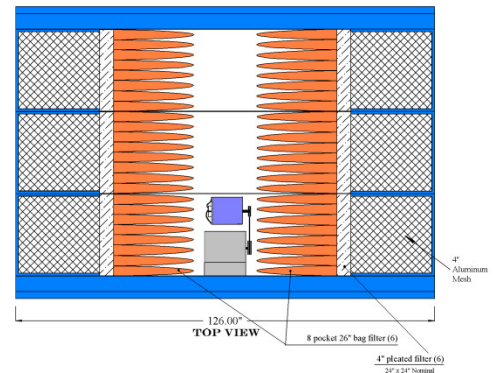
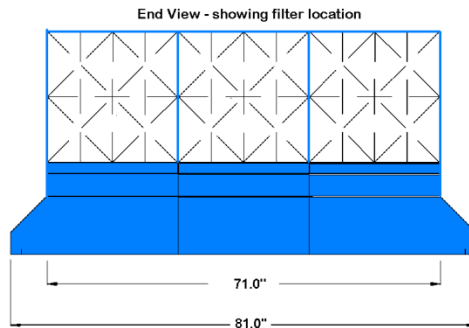
Call us to locate your dealer whenever you need information or assistance.




# Robot Hood (RH) Series



Easy access to filters via doors on each end.



## SPECIFICATIONS OF THE AIR-KING Robot Hood Series

Model #	CFM	Model #	CFM	Size of Unit	Filters	Filter area
M-35RHH1	3500	...	--	36"W x 40"H x 126" Long	2 Aluminum Mesh 2 Pleated Filters 2 65% bag filters (optional 95%)	138 sq. ft. of media
M-35RHH1x8	3500	...	--	96" W x 40"H x 126" Long	2 Aluminum Mesh 2 Pleated Filters 2 65% bag filters (optional 95%)	138 sq. ft. of media
M-40RHH2	4000	M45-RHH2	4500	60" W x 40"H x 126" Long	4 Aluminum Mesh 4 Pleated Filters 4 65% bag filters (optional 95%)	276 sq. ft. of media
M-40RHH2x10	4000	M-45RHH2x10	4500	120"W x 40"H x 126" Long	4 Aluminum Mesh 4 Pleated Filters 4 65% bag filters (optional 95%)	276 sq. ft. of media
M-40RHH3	4000	M-45RHH3	4500	84" W x 40"H x 126" Long	6 Aluminum Mesh 6 Pleated Filters 6 65% bag filters (optional 95%)	414 sq. ft. of media
M-40RHH3x12	4000	M-45RHH3x12	4500	144"W x 40"H x 126" Long	6 Aluminum Mesh 6 Pleated Filters 6 65% bag filters (optional 95%)	414 sq. ft. of media
M-40RHH4	4000	M-45RHH4	4500	96" W x 40"H x 126" Long	8 Aluminum Mesh 8 Pleated Filters 8 65% bag filters (optional 95%)	552 sq. ft. of media
M-40RHH5	4000	M-45RHH5	4500	120"W x 40"H x 126" Long	10 Aluminum Mesh 10 Pleated Filters 10 65% bag filters (optional 95%)	690 sq. ft. of media
M-40RHH6	4000	M-45RHH6	4500	144"W x 40"H x 126" Long	12 Aluminum Mesh 12 Pleated Filters 12 65% bag filters (optional 95%)	828 sq. ft. of media

**Other configurations and options available – call for information.**

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

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

Fluorescent lighting provided – requires your wiring to 115VAC current  
Junction Box prewired to single speed motors.  
Motors compatible with adjustable speed drive controllers  
Strut Channel on top for mounting to ceiling joists  
72 dBA with 4-way exhaust louver

**M-40RHH3x12**

Warranty: Three years on all parts except filters and media.