

# AIRKING

With **low** equipment, operational and maintenance **costs**, **Air King** industrial air cleaners are an **economical** way to **improve** your overall **air quality**.

## M-40



### Air King

industrial air cleaners are a valuable tool for capturing most airborne nuisance particulate. Our self-contained filtration units continuously pull contaminated air through multiple stages of highly efficient micro-glass filters. The filtered air is then re-circulated back into the working environment without the need for duct work. This results in a cleaner, healthier atmosphere for employees, while saving you money by keeping heated or air-conditioned air inside your facility.

#### APPLICATIONS

- Welding smoke/fumes
- Grinding dust
- Bondo dust
- Oil mist
- Diesel fumes
- Printing powder
- Plastic dust
- Other smoke/dust contaminants

#### INSTALLATION METHODS

- Hung with chains
- Mounted with all-thread rods

#### FEATURES

- Disposable filters..... Cleaner, healthier work environment
- Self-contained ..... Versatility to be used most anywhere
- Easy installation & maintenance..... Cost effective
- Four way louvers ..... Airflow pattern control
- 16 gauge powder coated construction..... Durable
- Filter change indicator (optional)..... Identifies filter change needs
- Multiple filter configurations available..... Solutions to fit your specific needs
- Easily relocated ..... Accommodates growth or space redesign

#### BENEFITS

# M-40

The **Air King** M-40 series of units are the 2 & 3HP, 3-phase, multi-cabinet option of our M-30C series. These units are generally used in areas where a heavier concentration of contaminants is being generated. They are most often used in multiples for larger areas to establish positive airflow patterns that will enhance the effectiveness of the units. The T-style configuration of these units has inlets on both ends and exhausts the filtered air from the center of the unit.

The M-40 series uses disposable filters that are easy to service and provide for simple, low-cost maintenance. These units offer increased filter surface area thus decreasing the frequency of filter changes required. Units can be configured in a number of ways, both vertically and horizontally, to best suit your specific needs.



SPECIFICATIONS	M-40V (1 deep, 2 high)	M-40H (2 deep, 1 high)	M-40V3 (1 deep, 3 high)	M-40H3 (3 deep, 1 high)	M-40HD (2 deep, 2 high)	M-40HT (2 deep, 3 high)
<b>Dimensions</b>	24"W x 50"T x 72"L	48"W x 26"T x 72"L	24"W x 74"T x 72"L	72"W x 26"T x 72"L	48"W x 50"T x 72"L	48"W x 74"T x 72"L
<b>Weight</b>	385 lbs	435 lbs	490 lbs	585 lbs	630 lbs	830 lbs
<b>Pre-filter</b>	(4) 24"x24"x4" Pleated		(6) 24"x24"x4" Pleated		(8) 24"x24"x4" Pleated	(12) 24"x24"x4" Pleated
<b>Primary Bag Filter (Merv 11)</b>	(4) 65%, 21" 8 Pocket Bags (260 ft <sup>2</sup> )		(6) 65%, 21" 8 Pocket Bags (390 ft <sup>2</sup> )		(8) 65%, 21" 8 Pocket Bags (520 ft <sup>2</sup> )	(12) 65%, 21" 8 Pocket Bags (780 ft <sup>2</sup> )
<b>Volume (CFM)</b>	4000 CFM					
<b>Motor</b>	2HP TEFC; 208-230/460/3/60; 6.0-5.8/2.9 amps					
<b>Power</b>	Wired to Junction Box					
<b>Blower</b>	11 x 8 Belt Drive, Single Speed					
<b>Construction/Paint</b>	16 Gauge; River Blue chemical resistant powder coating					
<b>Noise Level 5' dBA</b>	72 dBA					

**Options:** • 95% 8 Pocket Bag Filter (Merv 15)  
• Strut Channel Hanging Brackets

• Silencer with 4-way louver (reduces sound by 6-8 decibels)  
• Pressure Gauge/Filter Change Indicator

• Silencer w/non-directional grill (reduces sounds by 10-12 decibels)  
• Aluminum Mesh Pre-filter (Replaces Pleated)  
• Motor upgrade: 3 HP TEFCBB, 208-230/460/3/60; 8.6/4.3 amps



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Air King industrial air cleaners have been manufactured in the U.S. since 1978. Sold through dealers throughout the United States and Canada, we have thousands of units in service. All dealers are supported by the factory with our readily available inventory of parts. Please contact your dealer with additional questions, or submit your information via our website at [www.AirKingFiltration.com](http://www.AirKingFiltration.com), and we will direct you to a dealer nearest you.