

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

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 recirculated back into the working environment. This results in a cleaner, healthier atmosphere for employees, while saving you money by keeping heated or air-conditioned air inside your facility.

VMC



VMC-CC pictured with optional cabinet extension and stand.



Pictured with optional multi-inlet plenum and stand.

APPLICATIONS

- Welding smoke/fumes
- Grinding dust
- Environmental particulate
- Oil mist
- Materials processing fumes
- Printing powder
- Odor mitigation
- Other smoke/dust contaminants

FEATURES

- Disposable filters
- Self-contained
- Vertical exhaust
- 16-gauge, powder-coated construction
- Hanging brackets included
- Filter change indicator (optional)
- Multiple filter configurations available
- Easy to use and maintain

SERIES VMC

The Air King VMC (Vertical Mist Collector) series are intended for light-duty, near-the-source or ducted applications. The units can be ducted to multiple inlets, or used in specific areas to collect irritating oil mist, smoke, chemical fumes or dust generated from metal finishing and forming processes. These self-contained units can be installed directly on, or adjacent to, a machining center. Ease of installation and low maintenance help make the VMC a practical and economical solution for capturing harmful contaminants.

The VMC series comes standard with a single-phase, 3/4HP, non-overloading motor and direct drive blower. In addition, maintaining your filters and cleaning the unit is easily accomplished with our tool-less filter access door. This unit allows for a number of filter configuration options to best match your specific application needs.

Typical applications include boring, cnc machining, drilling, hobbing, lathes, milling, quenching, rolling, screw machines, spinning, stamping/drawing, threading, turning centers, wet cutoff sawing, and grinding operations.



SPECIFICATIONS	VMC (Standard)	VMC-HE (HEPA)	VMC-CC (Charcoal Canister)
Dimensions	22"W x 58"T x 24"L		
Weight	185 lbs	215 lbs	260 lbs
Pre-filter	(1) 20" x 24" x 4" pleated		
Primary Bag Filter (Merv 15)	(1) 95%, 30" 8 pocket bag with loops (90 ft ²)	(1) 95%, 18" 8 pocket bag with loops (48 ft ²) with 99.97% HEPA after filter	(1) 95%, 18" 8 pocket bag with loops (48 ft ²) with 36 lb. charcoal canister module
Volume (CFM)	2000 CFM	1600 CFM	1600 CFM
Motor	3/4 HP PSC; 115/1/60; 8.7 amps		
Blower	10 x 10 direct drive, single speed		
Power	10' power cord		
Construction/Paint	16 gauge; river blue chemical resistant powder coating		
Noise Level 5' dBA	70 dBA		

OPTIONS:

- 65% 8 pocket bag filter (Merv 11)
- Aluminum mesh pre-filter (replaces pleated)
- Oil impinger
- Pressure gauge/filter change indicator
- Single inlet plenum with (1) 8" collar (left or right side)
- Multi inlet plenum with (3) 8" collars (both sides & back)
- Oil drain (tapered), for use with plenum
- Cabinet extension, 6" tall
- 24", 4-leg floor stand (requires cabinet extension or plenum)
- Silencer with non-directional grill
- 2 or 3 HP motor (3-phase) with belt drive blower



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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, and we will direct you to a dealer nearest you.