

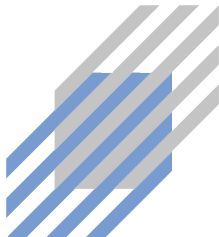
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S U P P L Y I N G   C L E A N   A I R   T O   I N D U S T R Y

## MODEL M33V Media Air Cleaner



*The M33V from Air Quality Engineering, Inc. is a self-contained media air cleaning system designed for use in source capture applications where mobility is desired. The M33V can be ordered in a three-stage filtration configuration which will effectively remove a broad range of airborne contaminants including fine dust, smoke, soot, vapors, mist, VOC's and more at a rate of up to 1250 CFM.*



**AIR QUALITY  
ENGINEERING**

Manufacturer and Worldwide Distributor of Air Cleaning Systems for Over 40 Years

# M33V FEATURES & SPECIFICATIONS

**DIMENSIONS:** 73"H x 31.13"W x 41.25"L

**WEIGHT:** 274.5 lbs. installed weight  
324 lbs. shipping weight  
Optional carbon module adds 44 lbs. to the installed and shipping weight

**CABINET:** 16 gauge welded steel cabinet with a baked enamel, textured coated finish. Built-in sump and drain connection for oil mist removal. Four heavy-duty swivel locking casters.

**MECHANICAL ARM:** 13' externally supported arm swings 180° on its axis and reaches from floor to 13' high. Once this arm is positioned, the hood and hose remain in place until moved.

**POWER INPUT:**

Model	Vac	Hz	Phase	Amps
00265	120	60	1	13.6
00266	208 - 240	60	1	6.8 - 6.6

**PRIMARY FILTER:** 12" x 24" x 26" 5 pocket, 42 sq. ft. of synthetic filter media. Optional filter will increase filter media to 100 sq. ft.

**PRIMARY FILTER EFFICIENCY:**

Filter PN	Filter Efficiency*
41182	MERV 14 Bag
41181	MERV 13 Bag
41136	MERV 14 ESF
41137	MERV 13 ESF

\*Efficiency based on ASHRAE 52.2

**PREFILTER:** 30-35% efficiency, pleated 12" x 24" x 4". Filter media is a cotton and synthetic blend. Total prefilter media area is 15 sq. ft.

**MOTOR:** 1 HP sealed ball bearings and thermally protected. Adjustable motor sheave allows for field adjustments to the rated air flow.

**BLOWER:** Forward curved, ball bearing, belt driven centrifugal blower. This blower is capable of moving 2250 CFM free air.

**INSTRUMENTATION:** **Minihelic Gauge** – Factory installed pressure gauge designed to determine filter replacement cycle.

**Indicator Light** – Light indicates that the blower motor is energized properly.

**FILTER ACCESS:** Side load track system with hinged access door.

**SOUND LEVELS:** 67 dBA at 9', 66 dBA at 15'.

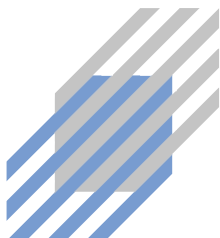
**CARBON FILTER OPTION – PN 07125:** 22 lbs. activated, refillable carbon module. If the carbon filter module is to be used as the third stage of filtration behind the prefilter and primary filter, then the optional rigid filter will be substituted for the standard bag to allow room for the carbon filter. Please note that the maximum air flow rating for the carbon module is 500 cfm if the carbon filter is ordered, the air flow will be factory set at 500 cfm.

## ADDITIONAL FEATURES:

- 36 month parts warranty.
- One externally supported 13' arm with 8" or 6" diameter smooth pipe with hood.
- 1 HP maintenance-free motor.
- 35% efficient 4" pleated prefilter.
- 10' power cord with molded plug.

## OPTIONAL EQUIPMENT:

- Halogen light and hood control.
- 22 lb. carbon module.
- 1.5 HP and 2 HP motor upgrades available.
- 65% efficient pleated prefilter.
- Extended service filters.



**AIR QUALITY  
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Air Quality Engineering, Inc., has a policy of continuing product improvement, and reserves the right to make changes in design and specification without notice.

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