

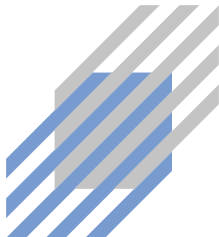
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S U P P L Y I N G   C L E A N   A I R   T O   I N D U S T R Y

## MODEL M66V Media Air Cleaner



*The M66 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 M66 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 2000 CFM.*



**AIR QUALITY  
ENGINEERING**

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

# M66V FEATURES & SPECIFICATIONS

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

**WEIGHT:** 368 lbs. installed  
440 lbs. shipping weight

**CABINET:** 16 gauge galvanized welded steel cabinet with baked enamel texture coated finish. Drain connection for oil mist removal. Four heavy duty swivel casters.

**POWER INPUT:**

Voltage	Phase	1 HP Amps	2 HP Amps	3 HP Amps
110-120	1	13.6	NA	NA
208-240	1	6.8 - 6.6	9	NA
208-240	3	NA	NA	9.2 - 8.6
440-480	3	NA	NA	4.3

**PRIMARY FILTER:** 24" x 24" x 22" 8 pocket, 66 sq. ft. of synthetic media. Optional filters can increase filter media to 200 sq. ft.

**PRIMARY FILTER EFFICIENCY:**

Stock No.	Filter*
41072	95% Bag
41056	85% Bag
41055	65% Bag
41061	35% Bag

\*Efficiency based on ASHRAE 52.2

**PREFILTER:** 30-35% efficient pleated filter, 24" x 24" x 4". Filter media is a cotton and synthetic blend. Total prefilter media area is 29.5 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 4400 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'.

**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.

## ADDITIONAL FEATURES:

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

## OPTIONAL EQUIPMENT:

- Halogen light and hood controls.
- Up to 90 lb. activated carbon module.
- Double arm configuration.
- 1.5 HP, 2 HP and 3 HP motor upgrades.
- BI blower upgrade.
- Extended service filter upgrade.
- HEPA filter upgrade.
- Adsorptive media filter upgrades.



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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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