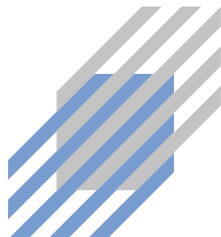

S U P P L Y I N G C L E A N A I R T O I N D U S T R Y

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.

This unit is to be used exclusively for source control in industrial applications in California.

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

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.

