

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 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 2700 cfm.

M66V FEATURES & SPECIFICATIONS

DIMENSIONS: 40¹/₄" L x 31" W x 72¹/₄" H

WEIGHT: 368 lbs. installed
440 lbs. shipping weight

CABINET: 16 gauge galvanized welded steel cabinet with baked enamel and 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	12	NA	NA
208-240	1	6.6	9	NA
208-240	3	3.8	7	9
440-480	3	1.9	3.5	4.4

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.

AIRFLOW/EFFICIENCY:

Stock No.	Filter	CFM = Cubic Feet Per Minute Per Arm					
		1 HP		2 HP		3 HP	
		1 Arm	2 Arm	1 Arm	2 Arm	1 Arm	2 Arm
41072	95% Bag	1155	865	1575	1050	1665	1245
41056	85% Bag	1170	870	1595	1065	1675	1260
41055	65% Bag	1175	915	1600	1115	1700	1320
41057	50% Bag	1190	955	1620	1170	1725	1375
41061	35% Bag	1200	1000	1635	1195	1775	1390

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: **Dirty Filter Gage** – Factory installed pressure gage 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: 10' externally supported arm swings 180° on its axis and reaches from floor to 11' high. Once this arm is positioned, the hood and hose remain in place until moved.

ADDITIONAL FEATURES:

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

OPTIONAL EQUIPMENT:

- Halogen light for source capture hood.
- 45 lb. activated carbon module.
- Double arm configuration.
- 2 HP motor upgrade, 3 HP motor upgrade.
- Extended service filter upgrade.

