

M33 R&L Media Air Cleaner

Supplying Clean Air to Industry



The M33 is a self-contained media air cleaning system designed for general background or ducted for source capture applications. The M33 can be ordered with three-stage filtration which will effectively remove a broad range of airborne contaminants including fine dusts, smoke, soot, vapors, mist, VOC's and more at a rate of up to 1500 CFM.

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(800) 991-4225
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**AIR QUALITY
ENGINEERING**

Air Quality Engineering, founded in 1973, is proud to offer a continued, superior level of experience in manufacturing complete air filtration systems that provide the highest performance, efficiency, and capacity for the money. Our sales and engineering team's mission is to identify the most cost-effective, high-quality solutions for our customers' needs, whether commercial, industrial or residential.

M33 R&L FEATURES & SPECIFICATIONS:

DIMENSIONS:	27 1/2" H x 14 1/2" W x 56" L
WEIGHT:	200 lbs. installed 240 lbs. shipping weight
CABINET:	16 gauge welded steel cabinet with a baked enamel, textured coated finish.
POWER INPUT:	110-120 Vac, 60 hz, 1 phase, 12 amps 208-240 Vac, 60 hz, 1 phase, 6 amps
PRIMARY FILTER:	Dimensions on the bag filters are 12" x 24" x 26"

AIRFLOW/EFFICIENCY:

Stock #	Filter*	CFM = Cubic Feet Per Minute	
		1 HP	WG
41128	95-98% Bag	1125 CFM	1.3
41129	85-90% Bag	1250 CFM	1.1
41130	65-70% Bag	1270 CFM	1.0
41131	45-50% Bag	1315 CFM	1.0

*Efficiency based on ASHRAE Dust Spot 52-76.

AMBIENT TEMPERATURE:	175° maximum.
MOUNTING:	Standing or hanging cabinet with horizontal airflow. Ceiling mount brackets – standard.
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:	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:	72 dBa at 9', 70 dBa at 12'.

STANDARD FEATURES:

- 36 month parts warranty.
- One HP maintenance-free motor.
- Dirty filter gage.
- 35% efficient 4" pleated prefilter.
- 10' power cord with molded plug.

OPTIONAL EQUIPMENT:

- Impinger assembly for mist applications.
- Plenum, ducting and hood accessories.
- 2 HP motor upgrade.
- Extended service filter upgrade.
- 65% ASHRAE prefilter.
- Minihelic® upgrade.
- Bulk refillable carbon module.

Specifications subject to change without notice.

This unit is required to be used in source capture configurations only when installed in California. Units purchased for installation in California must be purchased with Air Quality Engineering supplied and installed source capture plenums.

M33L SHOWN WITH OPTIONAL PLENUM



M33L SHOWN WITH OPTIONAL 22 LB. CARBON MODULE & E.S.F. FILTER

