

M32 R&L Media Air Cleaner with Source Capture Featuring the New Extended Service Filter

Supplying Clean Air to Industry



The new M32 from Air Quality Engineering, Inc. is a self-contained media air cleaning system designed for source capture applications. The M32 includes the new E.S.F. MicroGlass Filter for long filter life and high efficiencies to effectively remove smoke, mist, dust and other airborne contaminants at a rate of up to 1500 CFM.



**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.

M32 R&L FEATURES & SPECIFICATIONS

DIMENSIONS: 27 1/2" H x 14 1/2" W x 44" L

WEIGHT: 215 lbs. installed
250 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: Construction: Rigid V-Bank configuration
Element: Mini-pleated microglass fiber.
Dimensions: 11 1/2" x 23 3/4" x 11 1/2"
Collection Area: 100 sq. ft.

AIRFLOW/EFFICIENCY:

Extended Service Filter PN	ASHRAE 52.1992 Filter Efficiency	CFM = Cubic Feet Per Minute	
		1 HP	WG
41136	95-98%	1155 CFM	1.2
41137	85-90%	1275 CFM	1.0
41138	65-70%	1300 CFM	.95

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'.

Source Capture: A plenum that can fit various flanges and hose sizes will be included.

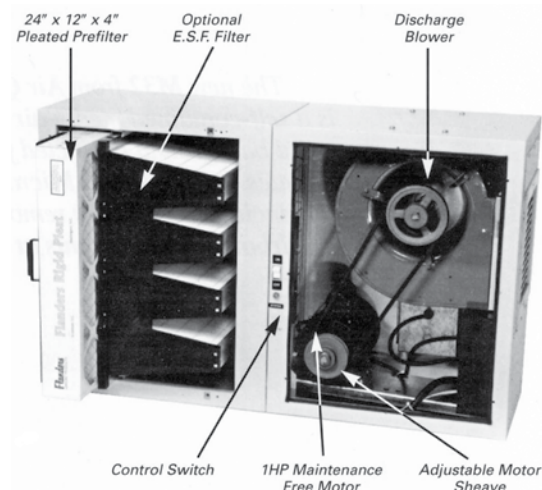
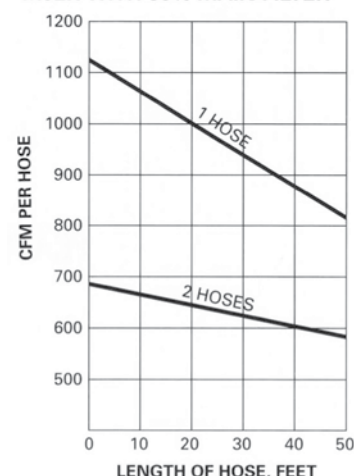
ADDITIONAL FEATURES:

- Primary Filter: Extended service filter with 100 sq. ft. of media.
- 36 month parts warranty.
- One HP maintenance-free motor.
- Dirty filter gage.
- 35% efficient 4" pleated prefilter.
- 10' power cord with molded plug.
- Custom Plenum, ducting and hood accessories

OPTIONAL EQUIPMENT:

- Impinger assembly for mist applications.
- 2 HP motor upgrade.
- 95% DOP primary filter.
- 65% ASHRAE prefilter.

M32R WITH 95% MAIN FILTER



Specifications subject to change without notice.

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