

F33 Electronic Air Cleaner

Supplying Clean Air to Industry



The F33 from Air Quality Engineering, Inc. is a self-contained electronic air cleaning system designed for general background cleaning or ducted for source capture applications. The F33 efficiently captures a broad range of airborne contaminants including smoke, fumes, soot, light dusts and coolant mists at a rate of up to 1250 CFM, with no costly filter replacement.



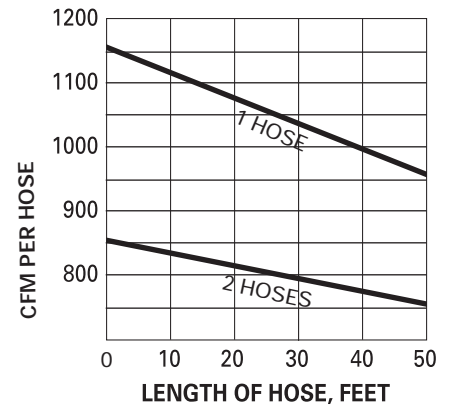
**AIR QUALITY
ENGINEERING**

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.

F33 FEATURES & SPECIFICATIONS

DIMENSIONS:	41" L x 14.5" W x 26.5" H
WEIGHT:	195 lbs. installed 235 lbs. shipping
AIR FLOW:	Maximum 1,250 CFM
EFFICIENCY:	Up to 99.5% on 3 micron based on ASHRAE 52.2 test method.
POWER INPUT:	110-120 VAC, 60 hz, 1 phase, 12 amps. 208-240 VAC, 60 hz, 1 phase, 6 amps.
ELECTRONIC CELL:	1 included providing 109 sq. feet of surface area. Minimum voltage gradient is 20,000 volts per inch. Cell weight is 33 lbs.
PREFILTER/POSTFILTER:	1" multi-layered aluminum mesh.
POWER SUPPLY:	Self-regulating, dual voltage, industrial-rated power supply.
DIAGNOSTICS:	Test button to ensure collector operation and system lamp to monitor performance.
MOTOR:	1 hp maintenance free motor. Adjustable motor sheave allows for field airflow adjustment.
BLOWER:	Forward curved, ball bearing, belt driven centrifugal blower. This blower is capable of moving 2250 CFM free air.
CABINET:	16 gauge welded steel cabinet with baked enamel textured coated finish.
POWER CORD:	Ten foot power cord with standard molded plug included on all single phase models.
SOUND LEVELS:	68 dBa at 9 feet. 66 dBa at 15 feet.

F33 WITH SOURCE CAPTURE PLENUM AND 8" HOSE



ADDITIONAL FEATURES

- 36 month parts warranty.
- Motor starter and control circuitry.
- 4-way adjustable louvres.
- Mounting bracket.

OPTIONAL ACCESSORIES

- Source capture plenum.
- Drain kit.
- Impinger assembly.
- Media prefilter pad and frame.
- Cell cleaner.
- Cell coat.

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.



F33 shown with optional source capture plenum.