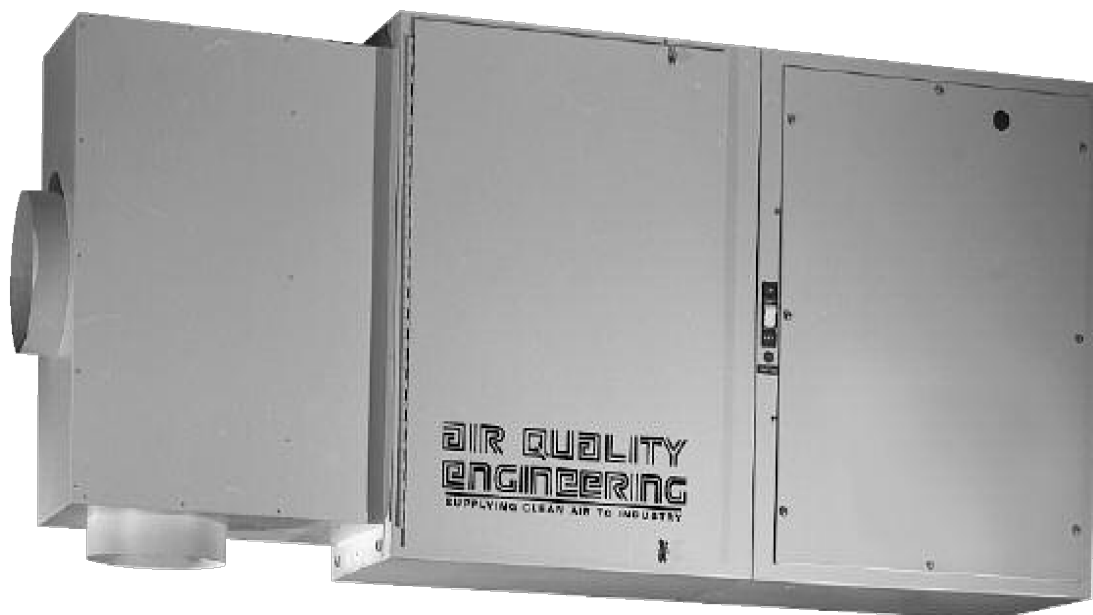


F33 Electrostatic Source Capture Air Cleaner

Supplying Clean Air to Industry



The F33 from Air Quality Engineering, Inc. is a self-contained electronic air cleaning system designed for source capture applications. The F33 efficiently captures a broad range of airborne contaminants including smoke, fumes, soot, light dust 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: 220 lbs. installed 260 lbs. shipping

AIR FLOW: Maximum 1,250 CFM CARB label included in the source of the capture

EFFICIENCY: Up to 99.5% on 3 micron based on ASHRAE 52.2 test method.

POWER INPUT: 110-120 VAC, 60 hz, 1 phaze, 12 amps.
208-240 VAC, 60 hz, 1 phaze, 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.

DIAGNOSITCS: 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.

PLENUM AND SOURCE

CAPTURE ARM: A plenum that can fit various duct sizes will be included.

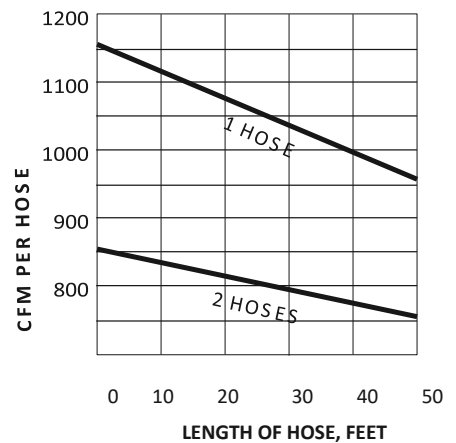
ADDITIONAL FEATURES

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

OPTIONAL ACCESSORIES

- Custom plenum options available in different sizes.
- Drain kit
- Impinger assembly.
- Media prefilter pad and frame.
- Cell cleaner.
- Cell coat.

**F33 WITH SOURCE
CAPTURE PLENUM AND 8 HOSE**



Specifications subject to change without notice.

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