

F66 Electronic Air Cleaner

Supplying Clean Air to Industry



The F66 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 F66 efficiently captures a broad range of airborne contaminants including smoke, fumes, soot, light dusts and coolant mists at a rate of up to 2,600 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.

F66 FEATURES & SPECIFICATIONS

DIMENSIONS:	41" L x 27.5" W x 26.5" H
WEIGHT:	278 lbs. installed 325 lbs. shipping
AIR FLOW:	Maximum 2,600 CFM
EFFICIENCY:	Up to 99.5% on 3 micron based on ASHRAE 52.2 test method.

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

ELECTRONIC CELL: 2 included providing 218 sq. feet of surface area. Minimum voltage gradient is 20,000 volts per inch. Cell weight is 33 lbs. each.

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 on single phase, 3 hp on three phase 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 4400 CFM free air. Direct drive, backwards inclined blowers also available.

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: 73.5 dBa at 9 feet.
70 dBa at 15 feet.

ADDITIONAL FEATURES

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

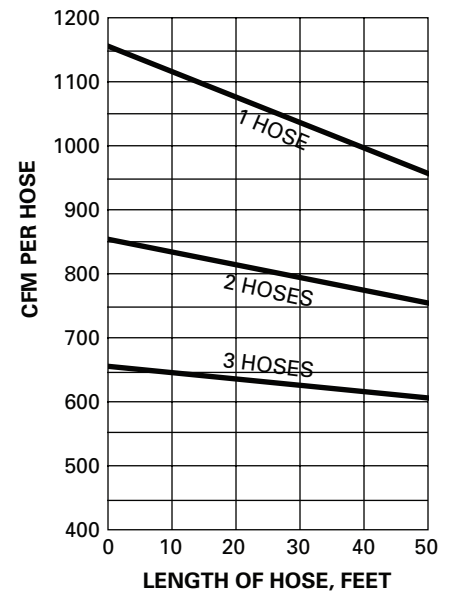
OPTIONAL ACCESSORIES

- 2 and 3 hp motor upgrade.
- High static fans.
- Source capture plenum.
- Drain kit.
- Impinger assembly.
- Media prefilter pad and frame.
- Source capture arm(s).
- Double pass electronic cells.
- 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.

F66 WITH SOURCE CAPTURE PLENUM AND 8" HOSE



F66 shown with optional source capture plenum.