

F66 Electrostatic Source Capture Air Cleaner

Supplying Clean Air to Industry



The F66 from Air Quality Engineering, Inc. is a self-contained electronic air cleaning system designed for source capture applications. The F66 efficiently captures a broad range of airborne contaminants including smoke, fumes, soot, light dust 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: 320 lbs. installed 370 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.

PLENUM AND SOURCE

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

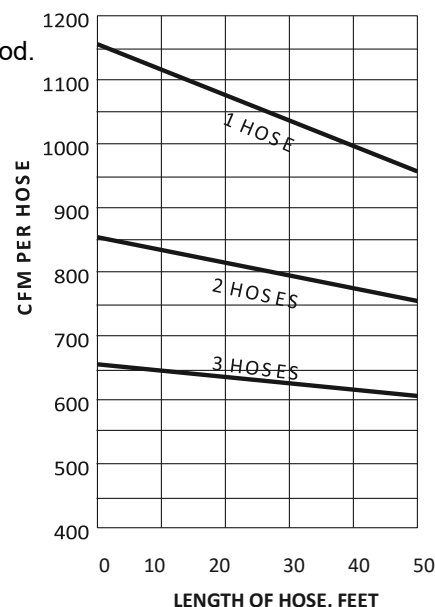
ADDITIONAL FEATURES

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

OPTIONAL ACCESSORIES

- 2 and 3 hp motor upgrade
- High static fans
- Custom plenum options available in different sizes.
- Drain kit
- Impinger assembly.
- Media prefilter pad and frame.
- Double pass electronic cells.
- Cell cleaner.
- Cell coat.

F66 WITH SOURCE CAPTURE PLENUM AND 8 HOSE



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

Specifications subject to change without notice.