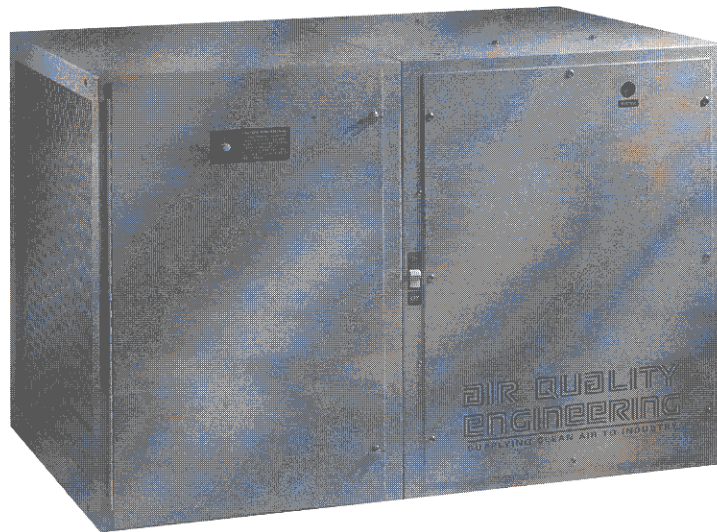


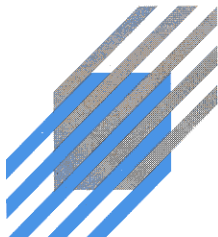
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S U P P L Y I N G   C L E A N   A I R   T O   I N D U S T R Y

## **MODEL F33** Electronic Air Cleaner



*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**

Manufacturer and Worldwide Distributor of Air Cleaning Systems for Over 25 Years

# F33 FEATURES & SPECIFICATIONS

## 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 95% based on ASHRAE 52-76 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.

**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.

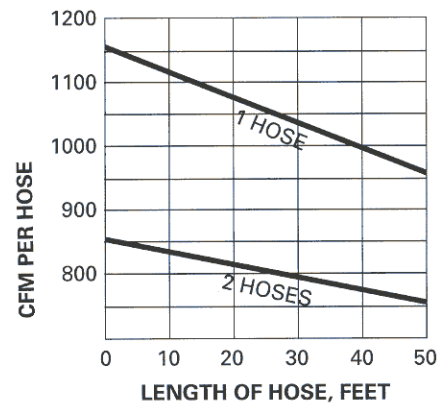
**POWER CORD:** Ten foot power cord with standard molded plug included on all single phase models.

**SOUND LEVELS:** 68 dBa at 9 feet.  
66 dBa at 15 feet.

## OPTIONAL ACCESSORIES

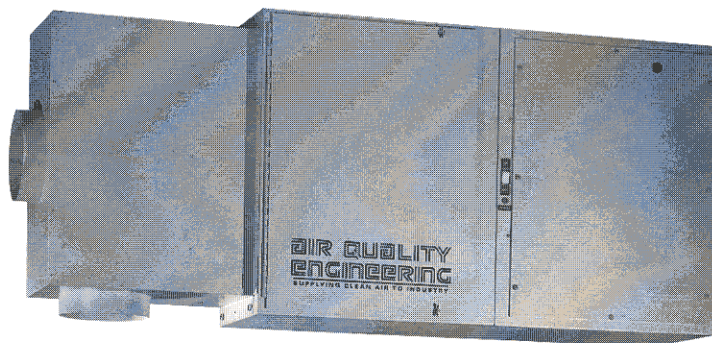
- Source capture plenum.
- Drain kit.
- Impinger assembly.
- Media prefilter pad and frame.
- Cell cleaner.
- Cell coat.

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

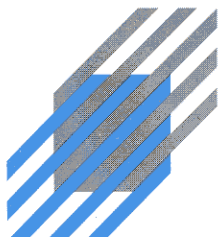


## ADDITIONAL FEATURES

- 3 year parts warranty.
- Motor starter and control circuitry.
- 4-way adjustable louvres.
- Mounting bracket.



*F33 shown with optional source capture plenum.*



**AIR QUALITY  
ENGINEERING**

7140 Northland Drive North, Brooklyn Park, MN 55428-1520 USA

**FAX:** (763) 531-9900 **EMAIL:** aqe@isd.net **WEB SITE:** www.air-quality-eng.com

**TOLL FREE:** 1-800-328-0787

Air Quality Engineering, Inc., has a policy of continuing product improvement, and reserves the right to make changes in design and specification without notice.



PN51589