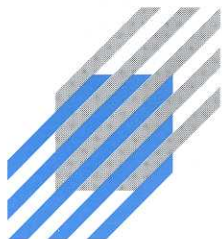

S U P P L Y I N G C L E A N A I R T O I N D U S T R Y

MODEL AQE2000
Portable Cartridge System



The new Portable Cartridge System from Air Quality Engineering Inc. is a complete self-contained media air cleaner for use in source capture applications in industry. The Model AQE2000 captures airborne contaminants such as welding smoke, grinding dust, plastic dust and other fine particles.



**AIR QUALITY
ENGINEERING**

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

AQE2000 FEATURES & SPECIFICATIONS

Principles of Operation:

Airborne contaminants enter the AQE2000 through the hood/arm assembly at a rate of 1100 cubic feet of air per minute (cfm). Heavy particles are propelled downward through the venturi and into the clean out trays. Small submicron particles are then trapped within the pleats of the two 99.8% efficient cartridge filters. The cleaned air is then gently diffused out the bottom of the unit. When the filter gage indicates that the cartridge filters are dirty, they are easily cleaned by connecting a shop air hose (80-120 psi) to the unit and activating the reverse pulse system.

STANDARD FEATURES:

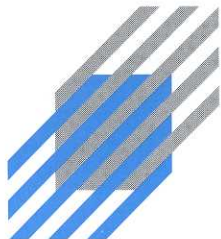
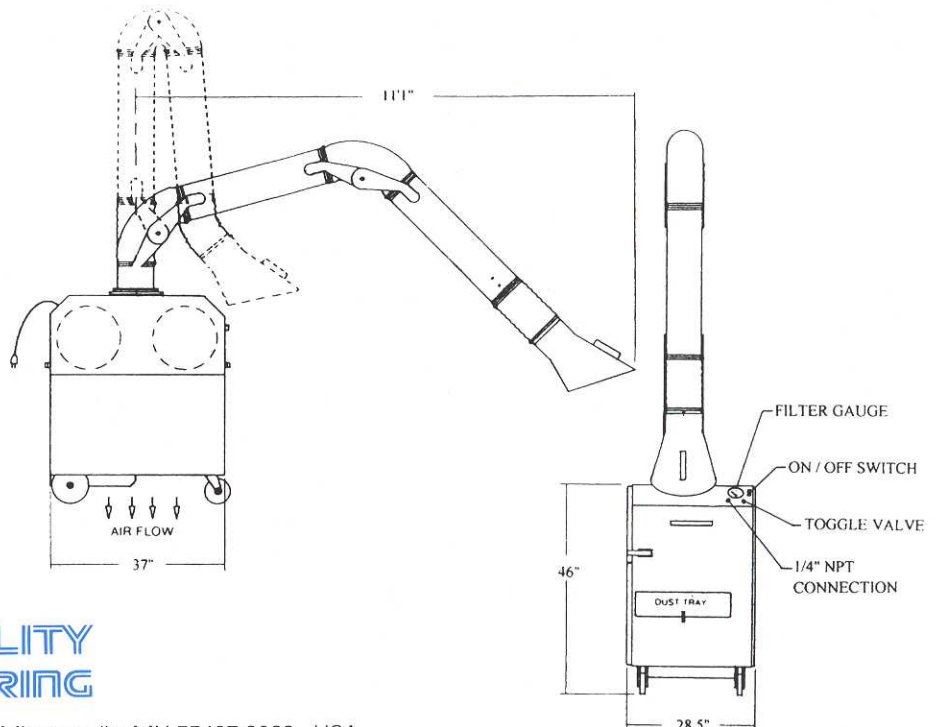
- Air volume – 1100 cfm.
- Reverse pulse cleaning system.
- Externally supported 11'1" arm. Full 360° rotation.
- 1.5 horse power, TEFC motor.
- 382 square feet of filter media.
- 99.8% efficient at .5 micron.
- Large 8" diameter front wheels.
- Quiet operation.
- Three year limited warranty.

OPTIONAL FEATURES:

- Halogen light.
- Double arm configuration.
- 2nd stage HEPA filter.

SPECIFICATIONS:

- DIMENSIONS:** 46" H x 28.5" W x 37" D
- WEIGHT:** 400 lbs. actual, 450 lbs. shipping.
- ARM ASSEMBLY:** 11' long x 8" diameter. Externally supported arm with full 360° arm rotation. Arm assembly incorporated a gas spring which provides easy up and down movement.
- HOOD:** 18 ga aluminum hood with handle. Hood moves easily vertically and horizontally.
- AIR FLOW VOLUME:** 1100 CFM.
- MOTOR:** TEFC 1.5 HP, thermally protected.
- BLOWER:** Direct drive, backward incline, 3450 RPM.
- CABINET CONSTRUCTION:** 16 Ga. welded galvanized steel.
- CONTROLS:** All models include control circuitry and thermal protection.
- POWER:** 120V/60 hz/14 amp max. or 208-240V/60 hz/8 amp max. Ten foot power cord with molded plug standard on single phase models.
- CASTERS:** Two large 8" diameter semi-pneumatic (front) wheels and two heavy duty swivel casters (back).
- FINISH:** Durable powder coat paint.
- FILTRATION:** Two high efficiency cartridge filters. 12³/₄" diameter x 22". 382 sq. ft. total. 99.8% efficient at .5 micron.
- FILTER ACCESS:** Hinged side door.
- FILTER CLEANING:** Self-Cleaning Reverse Pulse Jet System which utilizes a one inch Goyen diaphragm valve. Requires 80-120 psi of shop supplied compressed air. 1/4" NPT female fitting is provided to accept field installed quick connect.
- FILTER GAGE:** Dwyer Minihelic II; indicates pressure up to 3" H2O.
- NOISE LEVEL:** 73 dBa at 6".
- WARRANTY:** Limited three year warranty.



**AIR QUALITY
ENGINEERING**

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

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