

---

SUPPLYING CLEAN AIR TO INDUSTRY

## MODEL AQE 8000

### Reverse Pulse Cleaning Cartridge Dust Collector



*The AQE 8000 is a self-cleaning, reverse pulse, cartridge dust collector designed for continuous duty applications where high efficiency and longer filter life is desired.*

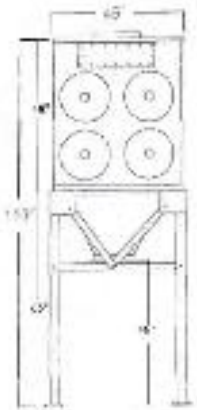


AIR QUALITY  
ENGINEERING

Manufacturer and Worldwide Distributor of Air Cleaning Systems for 30 years.

## DIMENSIONS:

113"H x 45"W x 83"D x 1400 lbs. installed (1625 lbs. shipping)  
143"H x 45"W x 88"D x 1650 lbs. installed (1875 lbs. shipping) with 7.5 Hp motor  
143"H x 45"W x 88"D x 1750 lbs. installed (1975 lbs. shipping) with 15 Hp motor



BLOWER AND MOTOR	VOLTS AC	HZ	PHASE	AMP DRAW
7.5 HP	208	60	3	19
7.5 HP	230	60	3	17
7.5 HP	460	60	3	8.8
15 HP	208	60	3	37.5
15 HP	230	60	3	34
15 HP	460	60	3	17

## CARTRIDGES:

AQE Cartridges are manufactured of a non-woven filter media rated at 99.8% efficiency for .5 micron size particle, and designed to withstand temperatures up to 200° F. Flame retardant and HO treated polyester cartridges are available.

## PULSE CONTROLLER:

By simple adjustable preset, the reverse pulse cleaning is scheduled to clean at a desired pressure drop across the filters. The photohelic controller is offered prewired and housed within a NEMA 4 enclosure. The reverse pulse controller offers the option of both on-line and off-line cleaning.

## REVERSE PULSE SYSTEM:

Cartridge cleaning is accomplished by the use of 1.5" valves and sonic nozzles positioned behind the cartridge filters. The specially designed sonic nozzles precisely direct and increase the air velocity into the cartridge filter to reverse pulse the contaminants from the filters.

## OPTIONS:

Damper options: 7.5 Hp, 15 Hp  
Blower Silencers: 7.5 Hp straight, 7.5 Hp 90° elbow  
15 Hp straight, 15 Hp 90° elbow

## BLOWERS:

AQE offers two blowers:

Blower and Motor HP Options	Max. Airflow (cfm) at External Static Pressure (Inches WG)							
	4"	5"	6"	7"	8"	9"	10"	12"
7.5 HP	4200	3900	3750	3500	3300	3000	2600	
15 HP	6800	6600	6500	6300	6000	5800	5600	5200

Many contaminants will not allow full available airflow. Contact a Air Quality Engineering Representative for airflow estimate.



**AIR QUALITY  
ENGINEERING**

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

FAX: (763) 531-9900 EMAIL: [info@air-quality-eng.com](mailto:info@air-quality-eng.com) WEB SITE: [www.air-quality-eng.com](http://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.*