



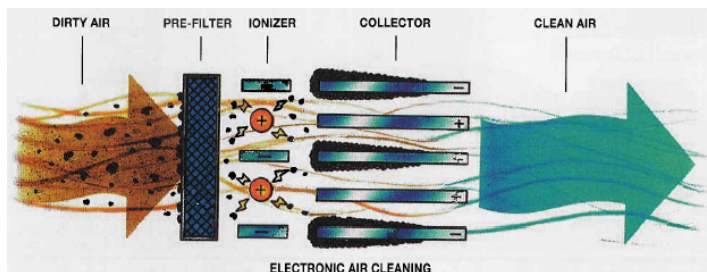
AIR SCRUBBERS KITCHEN EXHAUST SYSTEM

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About Air Scrubbers PowerClean

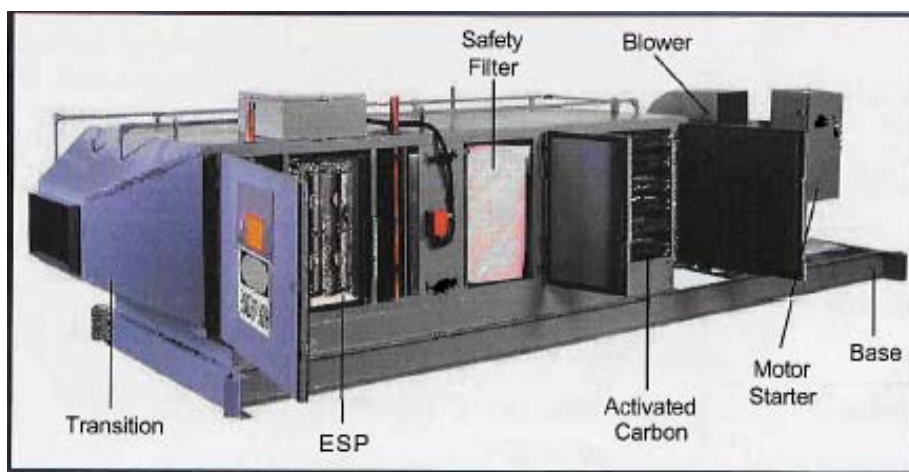
A new generation electrostatic precipitator used to control process generated airborne contaminants. PowerClean is a reliable solution for both indoor air quality problems and contaminated exhaust air. It's available in side access units for use with central air handlers or as a stand alone fan powered unit.

Dependable high frequency electronics, safe/no-short charging system, rugged ionizer electrodes and improved automatic cleaning and just a few of the innovations developed to make PowerClean the most reliable ESP ever. High efficiency particle collection is



delivered instantly and continuously. The extremely low resistance to airflow means less fan horsepower is needed, compared to conventional media filtration, and since resistance to airflow is constant, the system air volume is always maintained. Optional bonded activated carbon can be added for odor control, making PowerClean the **IDEAL SOLUTION** for commercial cooking kitchen exhaust. No more smelling french fries as you drive by Burger King or McDonald's.

Reliability, high performance and low operating cost make PowerClean an excellent choice for indoor air cleaning or exhaust air pollution control.



What is an Electrostatic Precipitator?

PowerClean Side Access Model (SA) is a factory packaged system including side access housing with upstream and downstream flanges, integral wash system, pre and post mist eliminators, electronic collectors, system control, detergent dispenser, and accessories. A quick wash cycle with even clean the greasiest air steam of a local fast food restaurant in no time. The factory assembled system is designed for mating to air handlers and ventilation systems or as a stand alone unit factory furnished blower/motor package.

The system PLC Control is programmed to start and stop the system according to customer requirements. At a predetermined schedule, the Control also initiates a water/detergent wash cycle to clean away collected contaminants. Spent wash water is drained from the bottom drain pan, PowerClean is forced dried and ready to continue operations. Start, stop and wash functions can also be initiated by manual push button.