

Smog-Hog® Facts

Smog-Hog® Electrostatic Precipitators (ESP's) easily eliminate smoke, grease and odour emissions from kitchen exhaust systems.

Smog-Hog® efficiency is independently certified by recognised testing authorities. All tests were based on a face velocity of 2.5 m/s.

In any ESP face velocity (which directly relates to retention time) is critical to the efficiency of the ESP all Smog-Hog® units due to their modular construction have a designed face velocity of 2.5m/s.

With correctly sized and engineered Smog-Hog® filtration systems, visible smoke plumes and odour problems are a thing of the past.

Air cleaners have a certain efficiency for a given airflow rating, if this rating is exceeded, efficiency will drop, Smog-Hog® units when tested were tested at their nominal rate then 20% under and 25% over their nominal rating. Common practice among other ESP manufacturers is to use terms like "up to 99% efficient" with no reference to air handling capacity, to any designer where efficiency is critical test data must be referred to correctly size the ESP unit.

Smog-Hog® filtration systems reduce the amount of duct cleaning required in exhaust systems, maintenance of exhaust fans and cleaning of building facades

Smog-Hog® has the lowest operating cost of any type of filter, with most Smog-Hog's® running off a single phase 10 amp power supply.

Smog-Hog® ESP's have the highest independently rated efficiency of any type of filtration system available on the market today (95% to 99% by particle count and 99.9% by weight).

Smog-Hog® systems are capable of meeting the requirements of The Protection of the Environment Operations Act (POEOA) regarding the quality of the air discharged to atmosphere.

Smog-Hog® ESP's are so efficient that they are accepted by Council's even in low level horizontal discharge situations.

Smog-Hog® units are easy to maintain with many customers performing their own cleaning.

UAS also have a maintenance division to perform routine or call out service without the need to purchase any spare filters.

Full Automatic Wash Systems can be supplied with your Smog-Hog® which, when connected to the building maintenance system will clean the Smog-Hog® filters automatically, or operated manually when required.

Smog-Hog® ESP's can be mounted within the ceiling space, in plant rooms or on roofs in the case of larger units.

Often the addition of a Smog-Hog® with its low operating pressure drop does not even require the existing fans to be upgraded.

Refillable activated carbon panels are utilized for odour removal, no need for expensive UV or toxic ozone gas injection.