

The Effective Solution to Air Pollution Problems

WET SCRUBBER SERIES



ECHOSWIFT Wet Scrubber System delivers outstanding performance to meet air quality needs across many applications. Backed by warranty, engineered with reliability and simplicity, Wet Scrubber produces the air quality you need year after year with easy maintenance. Available options and accessories ensure can be tailored to meet a wide array of applications

ECHOSWIFT SCRUBBER WIDELY USED IN:

Plastics/ Rubber	Pesticides/ Fertilizer	Woodworking
Food Processing	Paint Pigments	Pharmaceutical
Chemical Process	Steel Plant	Petroleum Refineries
Education	Plastics/ Rubber	Laboratory

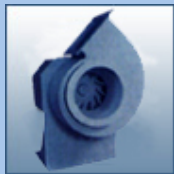
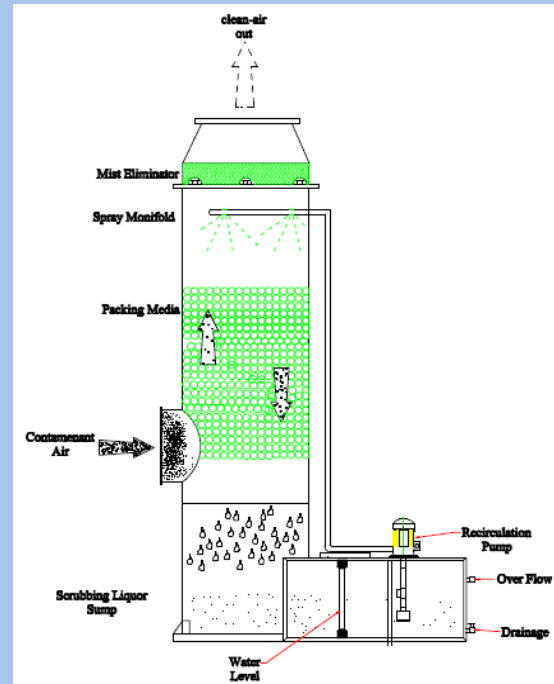
NORMAL OPERATION

These fume scrubbers consist of one or two stages. Stage One removes the bulk of the contaminant from the air stream and may be continuously wetted to prevent plugging. The second stage is a mist eliminator.

In a wet scrubber, water or scrubbing liquid is the media which removes pollutants from the air. When the water is recirculated, addition of fresh water is necessary to purge contaminants and replace evaporation losses. Fresh water may be added to the recycle reservoir continuously, or periodically.

Scrubbers are frequently used in applications where the air stream is being treated to remove acid fumes. Strong alkali is often added to the recycled scrubbing solution to neutralize the acids and maintain neutral pH. The addition of chemical may be controlled manually, or by a pH controller.

Typical wet scrubber systems consist of a scrubbing vessel, ductwork and fan system, mist eliminator, pumping (and possible recycle system), spent scrubbing liquid treatment and an exhaust stack. Modern controls are used to monitor the system and make any necessary adjustments.



Airflow	: ± 1000 cfm
Pressure Drop	: 1.0 - 2.0" w.g
Cleaning Media	: Packing Media complete with Mist Eliminator
Optional	: Dosing Pump, pH Controller, Pressure Gauge



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