

Lower Barn Air Scrubbing overview.

Air is drawn out of the poultry house and passes through a rotating drum which contains the filter packaging before being exhausted vertically at the rear of the scrubber. The base of the rotating drum is immersed in an acid solution which continually washes the packaging filter and suspends the acid solution where the air is passing through neutralising the NH_3 and capturing dust. PH and conductivity is continuously monitored and adjusted to ensure the correct PH and conductivity to maintain the efficiency of the NH_3 reduction. Spent liquor is periodically pumped to the respective spent liquor tanks.