# AirStripper Stripping System Data Sheet

## AirStripper Product Overview

The AirStripper technology by Air Clean enables the removal of ammonia from liquid effluents and its conversion into ammonium sulfate. The proposed plant configuration includes a stripping tower, inside which ammonia is separated from the wastewater and transferred into a gaseous form.
The air loaded with the pollutant is then conveyed to a scrubber tower, where ammonia is neutralized through the addition of sulfuric acid, resulting in the formation of ammonium sulfate.
The entire process operates in a closed loop, with no pollutant emissions into the atmosphere.
The reactors are constructed from materials resistant to corrosion, particularly the type caused by the presence of chlorides combined with acidic or basic chemical agents.



| ADVANTAGES |
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| RECOVERY AND REUSE OF AMMONIUM SULFATE |
| CLOSED-LOOP SYSTEM THAT DOES NOT REQUIRE AIR EMISSION PERMITS |
| SUITABLE FOR TREATING HIGH LIQUID EFFLUENT FLOW RATES |
| ALLOWS RECOVERY OF WASTE HEAT, REDUCING CHEMICAL CONSUMPTION |
| LOW OPERATING COSTS THANKS TO PROPRIETARY SYSTEMS DESIGNED TO MINIMIZE SCALING RISK |
| **TYPICAL APPLICATIONS** |
| ANAEROBIC DIGESTION |
| LANDFILL LEACHATE TREATMENT |



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