

CASE STUDY

BREEZE Compact Air Stripper Still Removing TCE After 18 Years

PROBLEM

In 1989 the U.S. Environmental Protection Agency began to enforce regulations on TCE (Trichloroethylene) levels in drinking water because of its negative health effects. A major US air conditioning manufacturer detected levels as high as 100 parts per million (ppm) of TCE (Trichloroethylene) in a water stream.

SOLUTION

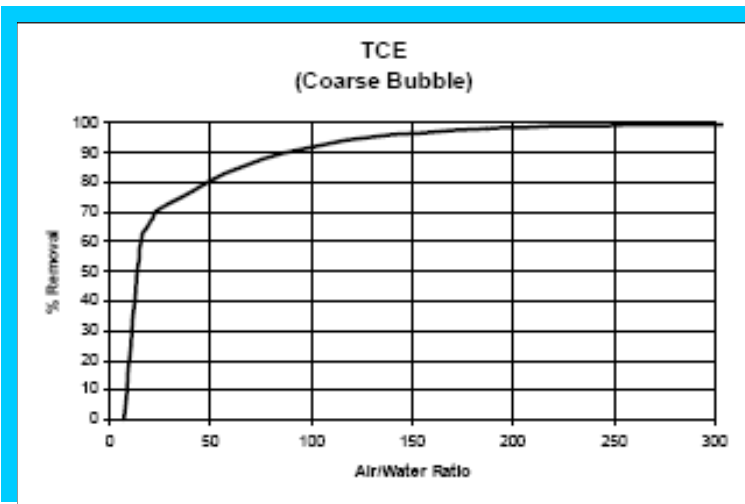
In compliance with these new regulations this manufacturer purchased an AEROMIX Series 3 BREEZE Compact Air Stripper. This customer used a small 2 HP (1.5 kW) blower to achieve the necessary air flow. BREEZE units have no internal media to foul and do not require significant maintenance allowing an 18 year life with excellent performance. The system is still functioning today, reducing TCE to nearly undetectable levels.

The BREEZE Compact Air Stripper still removing TCE after 18 years



HOW IT WORKS

The BREEZE Compact Air Stripper uses air to volatilize compounds in water. This compact, low profile device can handle contaminated water flows up to 50 gpm on a continuous basis. The BREEZE Air Stripper works well in a stand-alone mode or in series with other treatment technologies. Multiple units can be placed in series or parallel to handle most any flow rate and achieve superior performance. TCE is removed at a high percentage when sufficient air is supplied. (See chart below)



TCE Removal Percentage Chart

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Rugged Solutions in Water and Wastewater

AEROMIX manufactures a complete line of specialized aeration and mixing equipment for treating water and wastewater in industrial, municipal and freshwater markets. Call today to learn more about the AEROMIX aeration solutions best for your application.