



Changing the Nature of Air Conditioning



Mojave's patented **ArctiDry** technology not only sets new standards in efficiency but also addresses the pressing environmental challenges of our time. We're committed to transforming commercial spaces into ideal indoor environments, all while significantly reducing energy consumption and carbon footprint.

Join us in changing the nature of air conditioning for the 21st century.

Air conditioning is an essential part of our lives

Air Conditioning is changing from a luxury to a necessity that keeps our indoor spaces healthy and productive places to live and work.

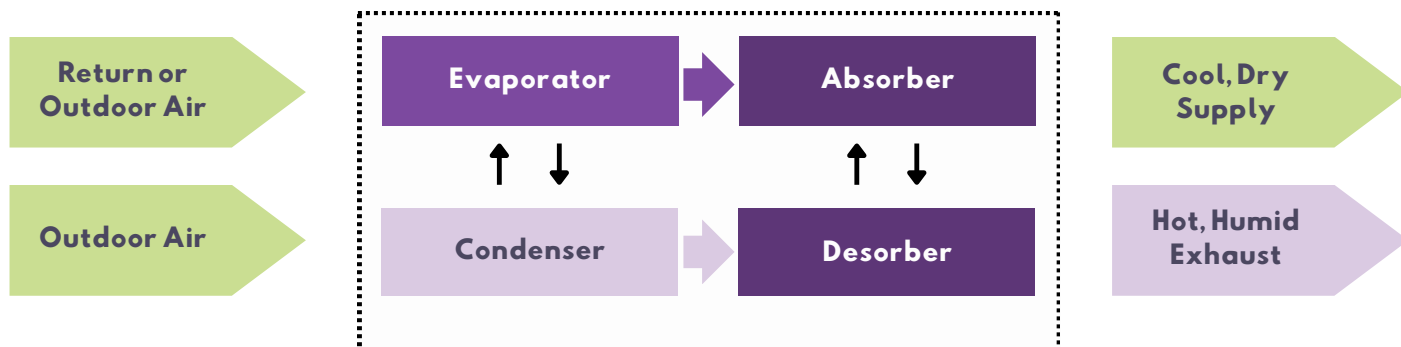
As a result, it accounts for:

10% of total global electricity use

2 BILLION TONS of carbon dioxide equivalent emissions annually

What if we could maintain the same comfort, reliability, and purchase cost while lowering energy use and climate impact?

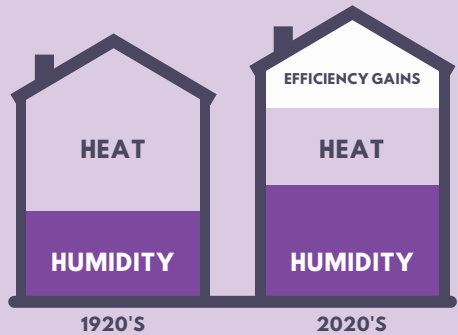
Mojave's Innovative Liquid Desiccant System: ArctiDry



ArctiDry integrates an innovative liquid desiccant system to manage humidity with a modern vapor compression system to control temperature. These systems operate independently, allowing separate and optimized control of humidity and temperature. Plus, by only using air to transfer heat, ArctiDry increases energy efficiency and assures reliable operation.

The Need for Mojave

For over 100 years, AC has remained essentially the same, but the world has changed in significant ways. Modern building codes, ventilation requirements, and more efficient appliances have reduced heat loads, but increased humidity loads. As a result, buildings now use more energy to control humidity than to control temperature. Mojave has introduced a patented way to solve this problem.



Innovation: Patented next generation liquid desiccant technology.

Efficiency: Twice as efficient as conventional Dedicated Outdoor Air Systems (DOAS).

Easy Installation: Needs only an electrical connection -- no chilled water, domestic water, or gas line required.

U.S. Manufacturing: Products ship from our facility in Anderson, SC

Meeting Today's Building Needs



EDUCATION

Improve student performance and health by providing enough cool, dry, outdoor air.



HEALTHCARE

Provide extremely low dew points reliably and affordably to support positive patient outcomes.



GROCERY

Lower the cost of produce waste while reducing energy costs and improving customer comfort



SPECIALIZED ENVIRONMENTS

Precise temperature and dew point control using only electricity, no water utilities needed.



HOSPITALITY + MULTIFAMILY

Provide improved indoor air conditions at lower cost than poor-performing alternatives.



OFFICE + OTHER COMMERCIAL

Reduce energy consumption, improve indoor air quality (IAQ) and lower total cost of ownership.



Mojave has been the recipient of three DOE grants, and partners with NREL to test and validate the technology.



MOJAVE

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