

Harness Advantix Systems' innovative technology to reduce your energy consumption and optimize your HVAC solution.



Makers of **DuCool** Dehumidification and Cooling

Whether you have strict dehumidification requirements, the demand for large quantities of outside air, a very humid indoor/outdoor environment or other air treatments challenges, Advantix Systems has the solution for you.

COMMERCIAL/ INSTITUTIONAL

- Restaurants
- Hotels
- Supermarkets
- Hospitals
- Health clubs / Pools
- Schools
- Cold Storage
- Ice Rinks
- Library/Archive
- Geriatric Wards

INDUSTRIAL

- Food processing
- Pharmaceutical manufacturing
- Plastic molding
- Glass/Metal production
- Electronics
- Painting & Printing
- Dry Rooms
- IT Facilities

ENERGY

- Combined heat, power and cooling
- Waste heat recovery
- Solar/geothermal cooling
- Turbine-inlet air cooling

Contact us now to learn how our customers have optimized their air treatment systems while drastically reducing their energy consumption.

Visit us at www.advantixinc.com
or contact us at sales@advantixinc.com / 888.818.5171

ADVANCE
YOUR
ENERGY
SAVINGS...



with Advantix Systems'
Revolutionary Liquid
Desiccant Air Conditioning.

More efficient, cleaner air and greater humidity control with Advantix Systems' revolutionary air treatment systems.

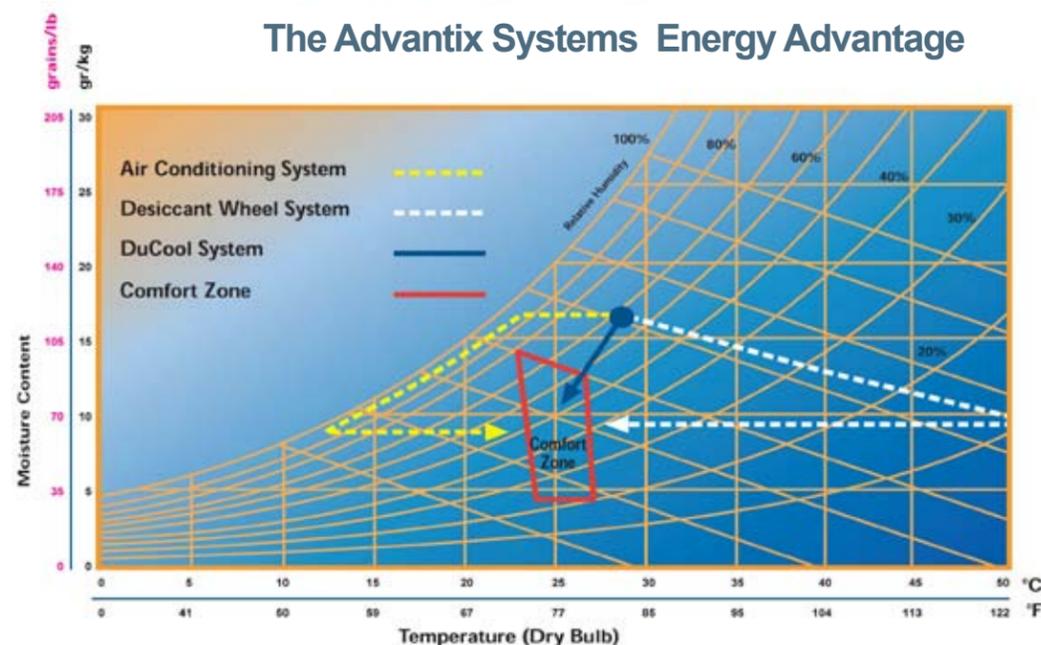
Advantix Systems provides innovative, efficient air treatment solutions to industrial and commercial customers across the globe. For more than twenty years, Advantix Systems has helped customers raise their productivity by optimizing their climate solutions while reducing their energy consumption. One of the pioneers in harnessing liquid desiccant technology for HVAC applications, Advantix Systems is a leader in humidity and climate control technologies.

Based on liquid desiccant technology, Advantix Systems' products deliver top performance while reducing the HVAC workload by more than 40%.

ALL YOU NEED... AND MORE

- Cleaner air (80% removal of particulates/ 91% of airborne microorganisms in each pass)
- Standard industry parts for cost effective maintenance
- Simple installation & configuration
- Independent temperature/humidity control for any Sensible Heat Ratio
- Option to power with renewable energy sources such as solar panels or waste heat
- Proven reliability across wide range of applications and environments

The Advantix Systems Energy Advantage



THE ADVANTAGES ARE BUILT IN



BETTER PERFORMANCE

- Powerful, precise humidity & temperature control
- Elimination of mold formation at condensation points
- Greater comfort by eliminating overcooling of supply air

SUPERIOR ECONOMICS

- Opex 30-40% lower than conventional outdoor air systems
- Opex 55-65% lower than desiccant wheel systems
- Capex comparable/less than alternative equipment
- Significant tax credits, deductions and other incentives available in most applications

IMPROVED AIR QUALITY

- Eliminates 91% of airborne microorganisms
- Removes 80% of particles larger than 5 microns including allergens

RENEWABLE ENERGY INTEGRATION

- Option to use solar panels, geothermal water and waste heat for further energy savings

INNOVATIVE LIQUID DESICCANT TECHNOLOGY... NO WHEEL REQUIRED.

Based on the principle of absorption of moisture directly from air, liquid desiccant allows you to achieve your desired temperature and humidity levels without overcooling.

Our liquid desiccant is a non-toxic brine solution that does not need to be replaced and does not exit the equipment by any means – zero degradation, zero carryover.

By passing through the brine solution, Advantix Systems' products also remove particulates and kill microorganisms. Better IAQ - cleaner and healthier air

