

A BREATH OF FRESH AIR FOR HEALTHCARE FACILITIES

Mojave's ArctiDry harnesses the power of liquid desiccant to provide your staff's preferred temperature and humidity – even if it changes tomorrow.

ArctiDry is the only packaged solution on the market that can effectively handle operating room outdoor air requirements using only electricity, eliminating the need for chilled water or solid desiccant wheels for dehumidification.

Mojave's liquid desiccant technology cools and dehumidifies the air, enabling independent control of dry bulb and dew point. Mojave units also only require electricity, making them an inexpensive alternative to installing chillers or increasing existing chilled water capacity – perfect for small buildings and outpatient surgery centers.



35°F dew point without chilled water or wheels; perfect for satellite buildings without chillers



Lower first cost, operating cost, energy consumption, and climate impact



Flexible, independent control of temperature and humidity



Better patient outcomes require next generation technology to provide precise temperature and humidity control. Mojave ArctiDry's liquid desiccant technology provides reliable control while using half the electricity of conventional dehumidification technology.

Healthcare facilities have traditionally utilized overcooling for dehumidification and terminal reheat to manage their Relative Humidity (% RH) requirements in patient rooms. By combining a variable speed refrigeration system with liquid desiccant dehumidification technology, ArctiDry separately handles sensible and latent loads, providing the ability for operators to establish an aggressive supply air reset schedule to maintain optimal comfort and compliance with the requirements of ASHRAE 170.

Performance. Flexibility. Efficiency. Value.

Mojave ArctiDry gives you unparalleled control over temperature and humidity, all in a single packaged unit.

Product Specifications

	A CABINET	B CABINET
AIRFLOW	1,000-3,000 CFM	3,000-6,000 CFM
EFFECTIVE CAPACITY	UP TO 26 TONS	26-40 TONS
MOISTURE REMOVAL	UP TO 130lb/hr	UP TO 260lb/hr
SUPPLY AIR CONDITIONS	55-75° FDB 35-55F DB (30-64 gr/lb) 3 inwg ESP Available	
ISMRE	8.0 lb/kWh 10 lb/kWh with ERV	
REFRIGERANT	R-454B	
CONSTRUCTION	2" Double Wall, R-13	
WEIGHT	3500 lb	6100 lb
CONTROLS	DDC controls BacNet & MODBUS BMS integration	

Precise Temperature & Humidity Control



Unparalleled Efficiency

