UMP®
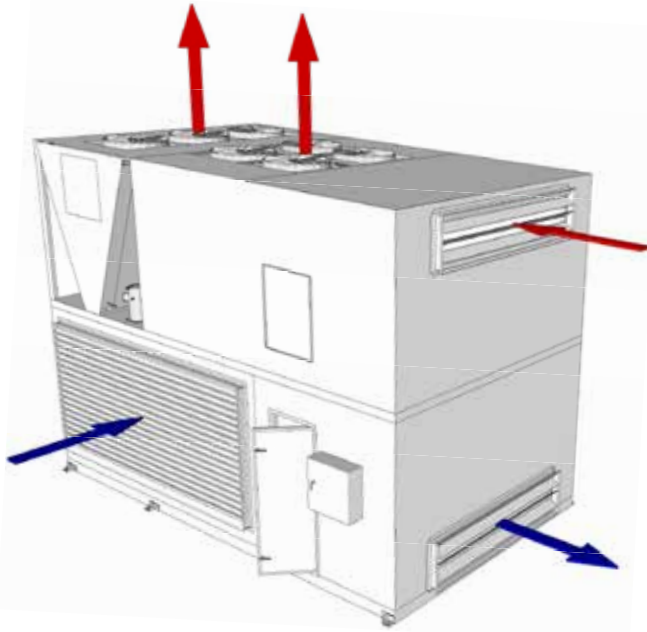
The **DC-ERA™** specifically designed for the higher allowable cold aisle temperatures being applied in today's Data Centers. Applying this technology can provide the power, installation and maintenance cost savings to the owner while lowering dramatically the PUE.

Manufacturer of Quality Air Moving Equipment

• **50 - 1000 kW
Cooling Capacity**

Super Efficient Data Center Evaporative - Return Air Units
5,000-100,000 CFM & Above

Why?

Power: It is estimated that data centers consume 2% of power produced in the U.S. The data centers of the future, both in the U.S. and abroad, must move from old legacy style infrastructure to energy efficient cooling strategies. The DC-ERA™ is an excellent energy efficient solution.

• Modularity
• Serviceability
• Scalability
• Heat Recovery
• Redundancy
• Humidification

Applications?

• Large Data Centers
• Colo-Facilities
• Modular Data Centers
• Containerized Data Centers
• Hi-Density Data Center
• Upgrades to existing Data Centers

Where?

• Low wet bulb locations have the highest potential of free cooling hrs
• Applications where cold aisle temps are allowed above 60°
• Locations where winter outside air economizer mode is applied

Features:

• 0-100% OSA /Evaporative Econo-mizer (free cooling)
• 5,000-100,000 CFM or higher
• Powered Variable Exhaust
• 50 kW-1000 kW of cooling capacity
• Double wall foam filled thermal break construction
• Trim - DX cooling10% -50% (option)
• 100% - DX back up (option)
• Humidity control 2-4 steps (for winter operation)
• EC fan variable speed technology
• ETL Listed and Labeled in accor-dance with UL1995

Resources Available for This Product

• Catalog Online

[ETL] LISTED

• Patent #6,253,559 and other patents pending

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MADE in the USA

Manufacturer of Quality Air Moving Equipment