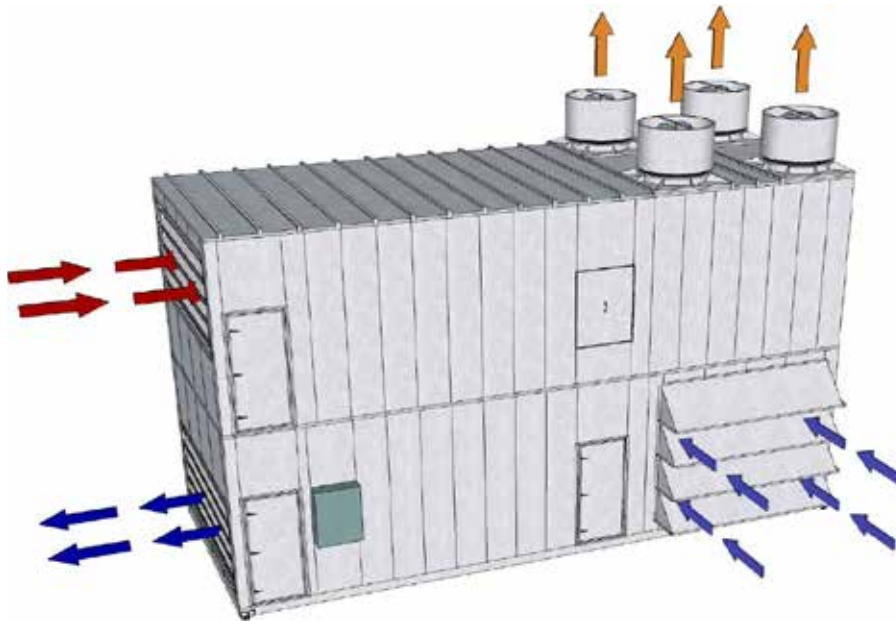


The **DC-IRAE[™]** has been specifically designed for the higher cold aisle temperatures being applied in today's Data Centers. Applying this technology can provide the power, low water use installation and maintenance cost savings to the owner while lowering dramatically the PUE.



- **30 - 600 kW**
Cooling Capacity

Super-Efficient Data Center - Indirect Return Air Units **5,000-100,000 cfm and 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-IRAE[™] is an excellent energy efficient solution.

- Modularity plus Scalability

Applications?

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

Where?

- Low wet bulb locations have the highest potential of free cooling hours.

- Applications where cold aisle temperatures are allowed above 60 degrees.
- Locations where winter outside air economizer mode is applied.

Features:

- **Indirect Evaporative Cooling** (70% and above efficient) free cooling strategy
- No water use - dry cooling mode
- 5,000-100,000 CFM or Higher
- 30 kW-600 kW of cooling capacity
- Double wall foam filled thermal break construction
- Trim - chilled water cooling 10% -50%
- 100% - DX back up
- EC fan variable speed technology
- Single point power
- ETL Listed and Labeled in accordance with UL1995

Resources Available for This Product

- Catalog Online



- Patent #6,367,277 and other patents pending

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