

## About Us

The TurboChyll Company has served the commercial office, healthcare and plant services sector with HVAC maintenance, repair & solutions for over 25 years.

## The business case for ECM Fan Wall Arrays in your facility:



Simple to install and pre-wired for fast installation.



Low maintenance costs with no belts or pulleys to replace.



Quiet operation designed to reduce noise & vibration.



Highly efficient with optimal performance, low energy consumption and operating costs.

## The Challenge: Retrofits on 108 DATA AIRE Conditioners

A mission-critical, financial data center in NYC needed to replace an aging fleet of 108 DATA AIRE precision cooling units that was driving high energy costs, frequent fan-related maintenance, and inconsistent airflow. Legacy belt-driven fans increased mechanical failures and risk to critical IT equipment. With utility costs rising and no plan for full unit replacement, the facility needed a solution that improved efficiency, reliability, and performance while extending the life of existing assets.

## The TurboChyll Company Solution



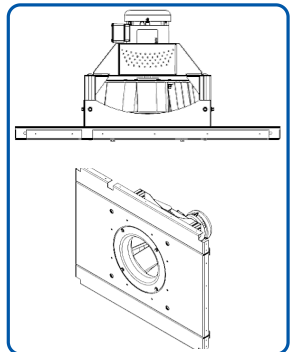
Before Photo  
Retrofits of DACD



After Photos of DACD ECM Wind Wall Installed  
(shown is models 0734 and 2234 )



**TurboChyll** successfully executed and coordinated a **Design & Build** project, providing full labor, project management, and materials to deliver reliable cooling for mission-critical data center. The project included the installation of **88 high-efficiency ECM Fan Wall systems**, retrofitting existing DACD units to significantly enhance airflow, energy efficiency, and overall system performance and reliability.



## Delivered Measurable Results:

- Sustainability achieved through technology-driven engineering – without operational compromise.
- Lower maintenance requirements will reduce labor & replacement parts.
- Emissions reduced by removing inefficiency, not reducing cooling capacity.
- Aligns facility operation with corporate decarbonization strategy



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## Your Trust, Our Promise

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For more information, visit [theturbochyllcompany.com](http://theturbochyllcompany.com)  
(516) 223-6494 | [sustainability@turbochyll.com](mailto:sustainability@turbochyll.com)

