



Intelligent cooling
an ICT Company



CRAH

Computer Room Air Handler

Mission Critical Solutions

INNOVATIVE, EFFICIENT AND SUSTAINABLE COOLING SYSTEMS

PRECISION COOLING



Air₂O's compact and robust CRAH units offer the client a cost-effective, efficient and reliable and cooling solution, for Hyperscale data center and mission critical projects around the world

INTRODUCTION


The air2o range of CRAH units designed specifically for the Hyperscale Data Center and Mission Critical Industries are designed to maximize cooling output whilst minimizing footprint. Designed with ease of maintenance in mind our standard product ranges encompasses a wide range of highly efficient and reliable units from 63kw to 441kw. These units are available with upflow or downflow air distribution with chilled water, Water (Glycol) and DX cooled options.

Air2O's unique and integral controls and monitoring system provides precise control of temperature and humidity, sequence control of EC fans to maximize energy savings, multiple IO for all major components to optimize energy savings and control. BMS/Modbus interface for remote monitoring, network control capability.

For larger or out of the box requirements air2o have a full custom build ability to produce solutions of limitless size and we have the expertise and experience to design and produce the most practical and efficient cooling solution for your project

FEATURES + BENEFITS

Air₂O COMPUTER ROOM AIR HANDLING UNITS

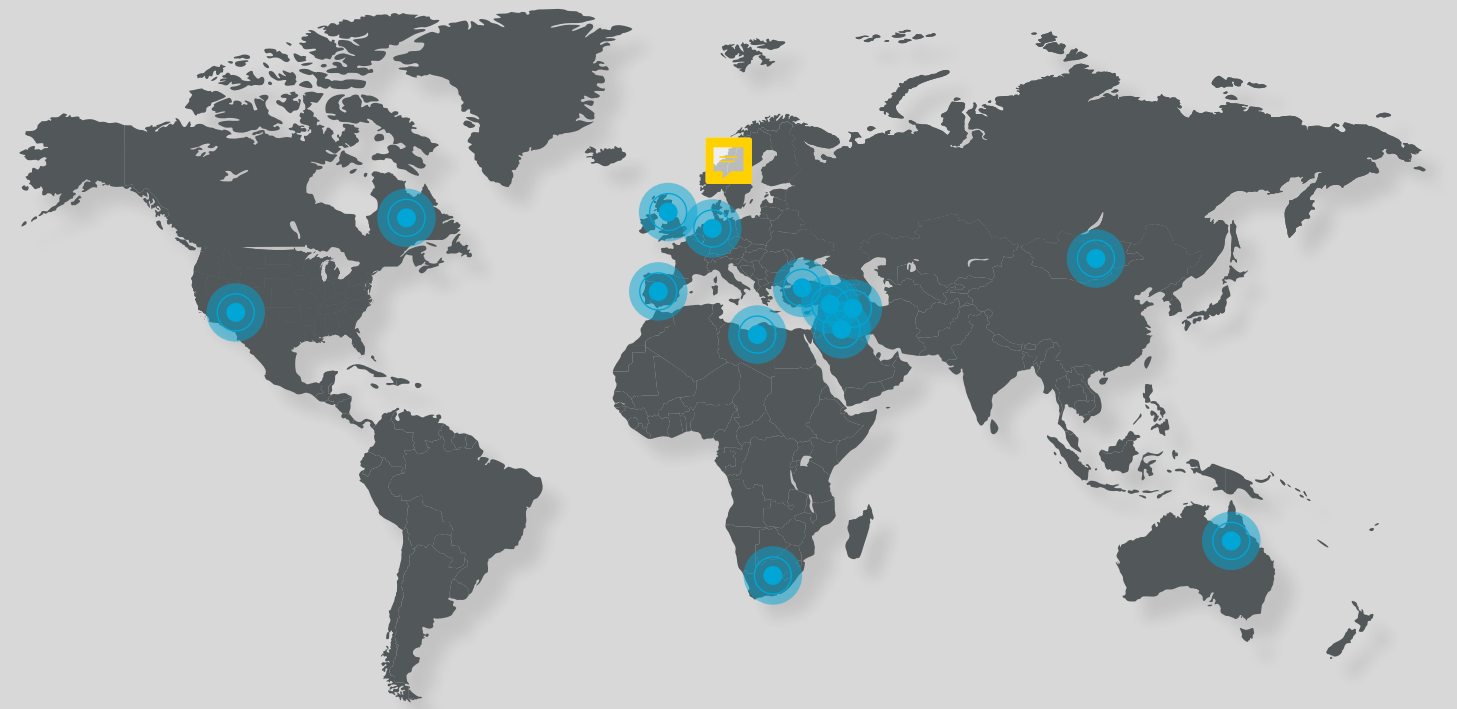
- Compact and robust design - small footprint
- Designed with the highest quality components
- Chilled water, DX and water (glycol) cooled options
- Unique coil design allows for EWT of 40°F - 65°F
- DDC microprocessor control for automated control and monitoring
- Compatible with any  filter / DX plant
- EC fan array technology for optimal efficient air flow with built in redundancy
- Down flow and up flow configuration available
- Built in economizer function
- Raised floor and non-raised floor applications
- AHRI certified coils
- ETL certified
- Modular options available
- Easy access for service and maintenance

Air₂O CRAH PRODUCT - SPECIFICATIONS

MODEL NO	CRAH 1000	CRAH 2000	CRAH 3000	CRAH 4000	CRAH 5000	CRAH 6000	CRAH 7000
CAPACITY	63kW	126kW	189kW	252kW	315kW	378kW	441kW
AIR FLOW	10,000cfm	20,000cfm	30,000cfm	40,000cfm	50,000cfm	60,000cfm	70,000cfm
EC FANS	YES	YES	YES	YES	YES	YES	YES
POWER	10.5kW	15.5kW	20.5kW	25.5kW	30.5kW	35.5kW	40.5kW
DIMENSIONS	70"x41"x92" High	128"x41"x92" High 	186"x41"x92" High	256"x41"x92" High	314"x41"x92" High	372"x41"x92" High	430"x41"x92" High

With our **expertise** to produce solutions of limitless size, we have the capability to design and **produce** the most practical and **efficient cooling solution** for your data center project.

EXTENSIVE GLOBAL REACH



Validated globally our solutions increase profitability and contribute towards sustainable goals. Through our head office in Scottsdale, Arizona and regional offices in Europe and the Middle East, together with our partners around the world we have an extensive global footprint and support capability.



Our Offices

North America

8355 E Butherus Drive, Suite 2
Scottsdale, Arizona 85260
1-(602)-699-3766

Europe

Lowry Mill, Lees Street
Manchester M27 6DB
+44 (0)845 873 0660

Middle East

Office 327, Building 44
Road 50, Block 426
Jid Haf's – Manama
Kingdom of Bahrain
(+973) 339 75999



Intelligent cooling
an ICT Company

air2o.com