

 **NORTEK**[™]
AIR SOLUTIONS
TEMPTROL



NORTEK AIR SOLUTIONS COOLPATH UNIT

RELIABLE, EFFICIENT COOLING FOR
MISSION-CRITICAL DATA CENTERS.

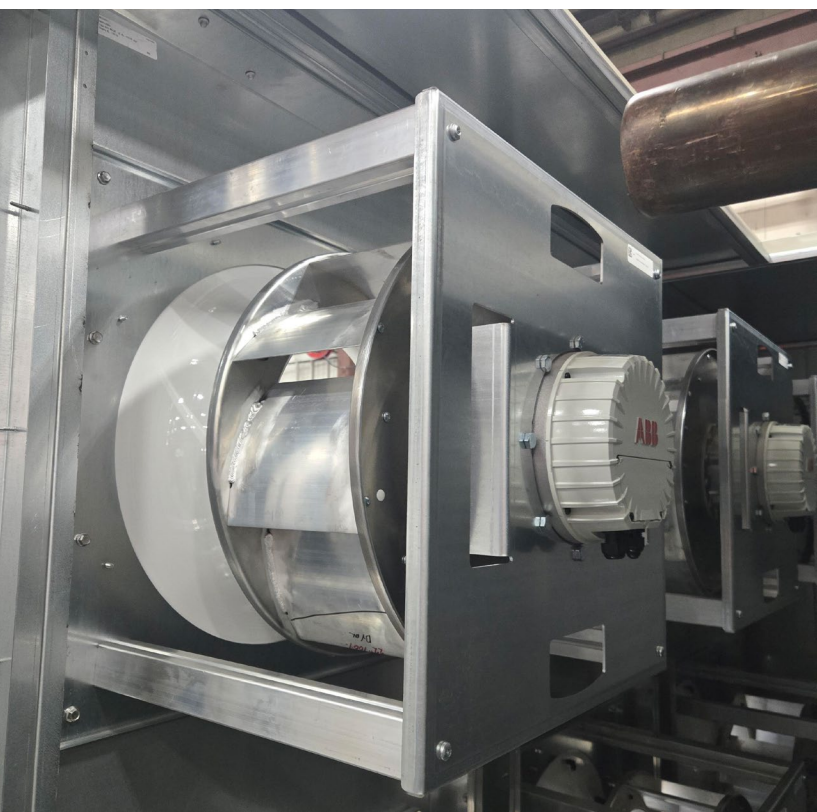
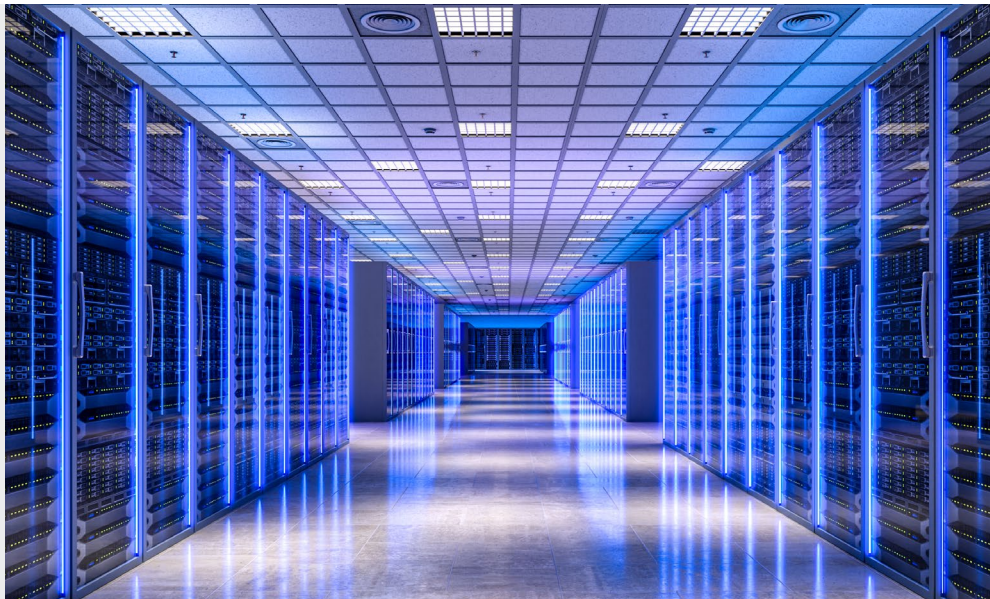
UPTIME IS NON-NEGOTIABLE

Nortek Air Solutions' CoolPath Unit for data centers delivers reliable, uniform airflow and sensible chilled water cooling to keep servers online and costs predictable.

Our solution is designed to scale with your business. Start with today's load and grow: modules stack and align side by side to expand coil face area, or you can oversize selections today for future expansion. Choose from single, double, or even triple stacked modules to free up valuable space.

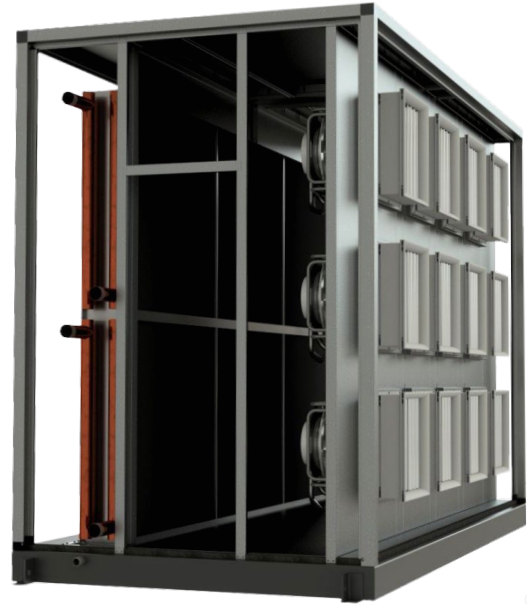
Applications

- **Colocation data centers**
- **Modular edge data centers**
- **Indoor or outdoor installations**



How It Works

Chilled water coils remove heat from recirculated return air, while an optimized fan array delivers uniform supply airflow across the data center. Modules can be stacked up to three high and installed side-by-side to form a large coil face area supporting low pressure, efficient sensible cooling.



CONFIGURATIONS

Airflow (CFM):

Up to 180,000 or more with stackable modules

Supply air temperature:

40 °F to 90 °F

Configurations:

Side by side construction; Single, double, or triple stacked

Airflow:

Overhead or raised floor; 100% recirculating

Materials/Finish:

Galvanized (standard); or painted, aluminum, or stainless steel (optional)

Cabinet:

2" cabinet; single wall (standard) or double wall with insulation (optional)

Cabinet leakage rate:

1% at the design leakage / design static pressure

Cabinet pressure:

4 inches with a deflection less than L/180

Base:

Welded structural steel base of various heights, optional structural aluminum. Optional drainable tread plate flooring.

Doors:

2" outswing with safety catch; windows (optional)

Units can be connected in tandem from floor to ceiling, creating a large coil surface area and allowing for more efficient cooling and economization.



Reliable, Energy-Efficient Operation

Each unit features an optimized FANWALL EC design which effectively packages the fan, high efficiency motor, speed controls, and electronics in one easy-to-install package—with an incredibly small footprint.

Nortek Air Solutions' FANWALL EC for data centers boasts project-optimized wheel and motor designs which lend themselves extremely well to increased efficiencies at low pressures. Each system is custom designed to meet data centers' demanding cooling, reliability, and energy efficiency requirements.

Thanks to its minimalist design, FANWALL EC is lightweight, easy to install, and requires virtually no maintenance.

Easy Installation

Large units with multiple coils have the option to ship with integrated piping and manifolding, reducing the need for field labor that adds time, cost, and risk to the installation process.

Custom Design & Selection

Our advanced design and selection tool helps ensure your unit is custom-designed to precisely match your data center's needs. It helps you make the right selections to meet your goals—everything from fans, to coils, to unit construction.

It also allows you to predict with a high level of accuracy sound power levels from all openings using methods that have been tested in an AMCA 300-accredited lab.

AHRI Certified Coils

CoolPath Units ship with AHRI certified coils* built in-house at our coil plant in Oklahoma City. We maintain rigorous quality control through visual inspection and documentation conducted at key stages of production to help ensure dependable coil performance.

**Dependent on conditions of the unit.*



Our ECMi fan array provides inherent redundancy—air keeps moving even if a fan is offline—and the system runs at low static pressure by design for efficient, quiet operation.



Nortek Air Solutions offers ample capacity, flexible lead times, and reliable, on-schedule delivery.

To learn more about the Nortek Air Solutions CoolPath Unit for data centers, visit nortekair.com/find-a-rep and speak to your local Sales Representative.

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