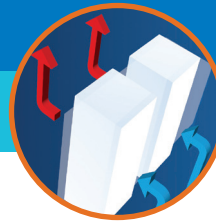


PRODUCT SOLUTIONS BRIEF
APC BY SCHNEIDER ELECTRIC

DATA CENTER THERMAL EFFICIENCY



Through our strong global partnerships and alliances with manufacturers like APC, we are able to present you with the following offering to meet your specific data center requirements.

InRow Cooling Solutions

APC by Schneider Electric close-coupled cooling products provide a modular, scalable and predictable solution to meet the cooling needs of any IT environment. With the InRow cooling products, APC has taken the guess work out of data center cooling. Placing the unit in the row of racks moves the source of cooling closer to the heat load. This minimizes air mixing and provides a predictable cooling architecture.



Variable speed fans reduce energy consumption during off-peak hours

CHALLENGE SOLVERS

- Modular unit design that allows a pod/zone expansion as IT needs change and grow
- Active response controls that use data from the InRow temperature probes to adjust cooling capacity to balance with the heat load
- Can be used in greenfield and brownfield environments
- Ideal for both raised or slab floor environments

THE ANIXTER APPROACH

Conditional Environmental Control

- **Supply temperature**
Use allowable ASHRAE temperature guidelines to not over or under cool your equipment, saving money.
- **Airflow control**
Use data from the cooling system to control EC fans that compensate the IT load in real time.

THE APC SOLUTION

COOLING TYPE	FORM FACTOR	CONFIGURATION OPTIONS
Chilled water DX Refrigerant	Floor mounted Overhead	Humidity control Leak sensors Piping

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WHAT WE HEAR

Challenges from various data center stakeholders:



Cabinet densities are **INCREASING**



Operational **BUDGET CUTS** year on year



Lack of **AIRFLOW MANAGEMENT**



Overwhelming **DESIGN** considerations



Matching **COOLING** to IT load

Infrastructure as a Platform
by Anixter

Infrastructure as a Platform by Anixter provides an investigative methodology that uncovers gaps in your Data Center thermal management strategy and helps you reclaim stranded capacity.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Cooling type
- Rack or ceiling mounted solutions
- Piping options
- 300 mm and 600 mm models

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Containment solutions
- Intelligent PDU and UPS systems
- Environmental sensors
- StruxureWare™ for Data Centers

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

INROW COOLING FEATURES

✓ OPERATIONAL EFFICIENCY

- Variable speed fans
- Modular design scales as demand increases
- Remote temperature probes
- BMS integration

✓ CONTROLLED AIRFLOW MANAGEMENT

- Source of cooling moves closer to the IT load
- Rack inlet control guarantees inlet server temperature
- Real-time capacity monitoring
- Captures exhaust air directly from IT equipment



Minimize air mixing by moving the cooling source closer to the IT load

> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPAPC](https://www.anixter.com/shopapc)

About Anixter: [anixter.com/aboutus](https://www.anixter.com/aboutus)

Legal Statement: [anixter.com/legalstatement](https://www.anixter.com/legalstatement)

For over 30 years, Anixter has been the leading global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

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