



**Air Handling Units for  
Process Equipment  
and Precise  
Environmental Control**



# INDUSTRY-LEADING HVAC MANUFACTURER

Nortek Air Solutions produces scalable air handling units (AHUs) that provide precise indoor environmental control. With a product line that includes scalable air handling equipment that includes small-to-large DX configurations, Nortek's AHUs feature energy solutions that are designed to exact requirements for specific indoor environments and process equipment.

## Temperature and Humidity Management

Nortek Air Solutions' DX AHUs provide a balance of temperature and humidity for the proper airflow management of critical environmental spaces which depend upon this control, such as:

- Indoor pools
- Grow houses
- Biomedical research facilities
- Classrooms
- Hospitals
- Water treatment plants
- Offices
- Hotels
- Restaurants





## Acceptable Indoor Humidity Levels

It is crucial to maintain acceptable indoor humidity levels for applications that are sensitive to the amount of moisture in the air. Nortek's DX AHU's are specifically designed to focus on the removal excess moisture from the airflow; offering precise humidity control that eliminates and all the problems and discomforts associated with non-dehumidified air.

## Stand Alone Controls for Custom Applications

Nortek's DX AHUs feature stand alone controls that are designed to provide optimized and reliable management of energy recovery processes. Programmed and tested to industry standards, these controls achieve the best cost-effective solutions in meeting the requirements of building management applications.

## Complete Line of DX Cooling Technologies

Nortek Air Solutions offers a full line of DX coils that meet any demand or application. The DX coils come in 3-,4-,6- and 8-row configurations. Note: All DX options can be combined with additional components that offer further or extra capabilities such as heat recovery devices in low ambient applications. The configurations can be provided with a hot gas reheat coil for dehumidification capabilities and modulating compressors for precise comfort control.

- Integrated DX Air-cooled – Ideal for Stand Alone applications.
- Water-cooled DX with or without water-side economizer – Cools the compressor and may/may not implement a water-side economizer.
- Packaged air source heat pump up to 70 tons.

- Packaged water source heat pump with coaxial exchanger up to 180 tons.
- Packaged water cooled unit with coaxial exchanger or cleanable shell and tube condensers.
- Evaporative Condensing Option – Reduces the amount of mechanical cooling needed by using the evaporation process to improve the heat rejection process.
- All Integrated DX solutions can be used in a Variable Air Volume (VAV) down to 40% of the nominal flow and more if required.



## Filtration Selections to Match Indoor Air Quality Requirements

Nortek Air Solutions offers a complete line of filtration options that can meet any requirement. From throwaway filters to HEPA final filter systems, carbon or UVGI systems, we can apply the right filtration option to optimize indoor air quality.

## Commitment to Superior Performance

Nortek Air Solutions offers the expertise of the largest group of custom heating, ventilation, and air conditioning (HVAC) brands in North America. We are driven to help you create the right experience with our solutions, to provide dependable products tailored to meet your specific needs, and to collaborate with you in an easy-to-do-business-with manner. We take pride in being industry pioneers and leading innovators. And we aim to earn your business through our performance. Find your local Nortek Air Solutions Representative by visiting [www.nortekair.com](http://www.nortekair.com).



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