

**NORTEK™**  
AIR SOLUTIONS  
MAMMOTH



**Ultraline™  
Packaged  
DX System**

35 to 350 tons  
6,000 to 95,000 cfm



# SETTING THE BAR FOR INNOVATION

For more than 50 years Nortek Air Solutions Mammoth™ brand packaged DX systems have set the bar for innovation, flexibility and quality in schools, hospitals, commercial offices, government and manufacturing facilities and more. Just as no two buildings are the same, each Ultraline™ system is designed to meet the specific comfort, sound, efficiency, indoor air quality and service requirements of the individual building it serves.

## Ideal for New or Replacement Applications

Ultraline systems are ideal for new construction or replacement applications. Virtually unlimited configurations and options are available to provide you with a complete, packaged HVAC solution that is:

- Fabricated, tested and commissioned (optional) at our factory.
- Delivered to your jobsite complete or in shipping sections that can be lifted into place and connected to electrical, plumbing or other utility service.
- Ready for start-up to help accelerate your construction timeline.

This packaged approach of Ultraline systems saves you design time, installation labor, time spent coordinating trades and valuable, revenue-generating indoor space.

## Quality Construction

Ask anyone who owns a Nortek Air Solutions Mammoth packaged HVAC system and the answer is the same — they're built to last. We don't cut costs at the expense of performance, reliability and longevity — it's as simple as that.

Features of our quality construction include:

- Tube frame, self-flashing or flush-mount base frame with 3-inch, double-wall construction maximizes durability and unit integrity.
- Ample service access through walk-in doors and/or service vestibules that provide protection from outdoor weather conditions simplify and encourage regular maintenance and service for optimal performance.





# FLEXIBILITY



## Flexible Configurations to Match Your Application

Whether your application is better suited for blow-through or draw-through operation, return or exhaust fan operation, or you need unique configurations to match footprint requirements, we can meet your requirements.

### Optimized Condenser Options

Air-cooled, water-cooled or energy-saving evaporative-cooled condensing.

### Innovative Compressor Options

Scroll, screw or centrifugal compressor technology, including an industry first for rooftop DX systems—oil-free, frictionless, as well as low maintenance, magnetic bearing compressors.

- Available with oil-free, magnetic bearing compressors that provide unprecedented part-load performance, low maintenance and quiet, reliable operation

### Environmentally-responsible Refrigerants

R-134a or R-410A options.

### Multiple Heating Options to Match Your Application

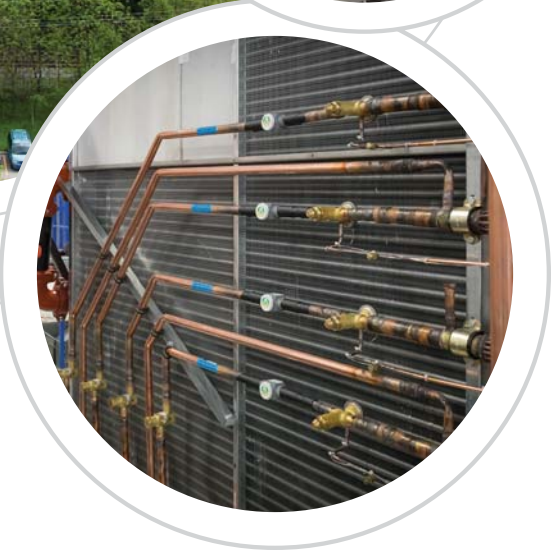
Steam, hot water, electric, natural gas, oil or propane options to optimize your heating with the most economical solution.

### Optimized Fan Selections

As innovators in the application of fans, most recently FANWALL TECHNOLOGY® and ultra-quiet condenser fans, Nortek Air Solutions Mammoth™ can provide the right fan to match airflow, static pressure and acoustic requirements for your application. Ultraline units are available with FANWALL® systems which provide redundancy and reliability, quiet operation and efficiency.

### Filtration Selections to Match Your Indoor Air Quality Requirements

From simple pleated 30% throwaway filters to complex 99.97% HEPA final filter systems, carbon or UVGI systems, we can apply the right filtration option to optimize indoor air quality and help earn points toward LEED® certification.



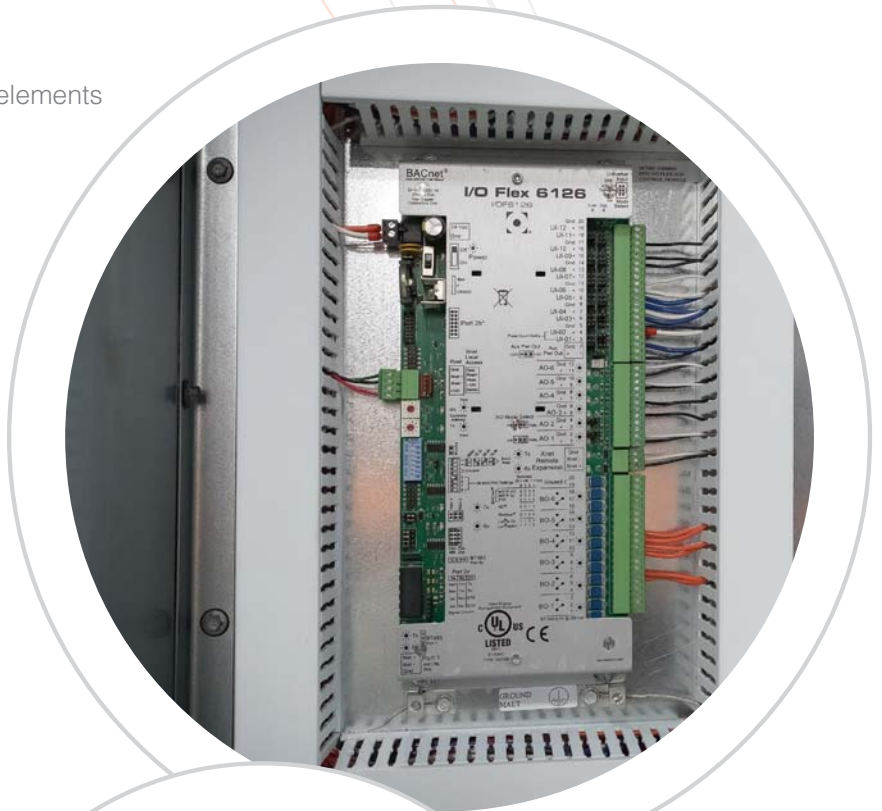
### Coils Optimized For Your Application

Nortek Air Solutions Mammoth coils offer total flexibility in fin materials and thickness, tube wall thicknesses and header materials to fulfill demanding requirements, including those for coastal applications and other corrosive environments. Also available are all-aluminum microchannel coils for air-cooled condenser applications to provide exceptional heat transfer capabilities, corrosion resistance and easy cleaning.

# STANDALONE OR INTEGRATED CONTROLS

HVAC system and building controls are central elements to the comfort and operating economy of your building. The Nortek Air Solutions Mammoth™ EPiC™ control system combines a software approach that can work over a wide range of control protocols with specific hardware interconnection tools to help you achieve your goals.

Our standard factory-integrated DDC controller can be easily customized to meet any sequence of operation required in a 100% standalone mode or while connected to a Building Automation System (BAS) using any of today's four leading protocols: BACnet®, Modbus®, N2®, and LONTALK®. Our base controller provides ample input/output capacity, plus support for an expander board if additional input/output capacity is required.



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