
Ultraline™ Custom Packaged DX Systems

Quality HVAC Solutions Custom Made For Your Building



 **Mammoth**®

Custom Packaged HVAC Systems

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Ultraline systems are delivered to your jobsite complete or in shipping sections, reducing design and construction timelines, installed costs and preserving valuable indoor space.



Custom Packaged Solutions For Your Specific Building HVAC Requirements

For more than 50 years Mammoth custom packaged DX systems have set the bar for innovation, custom 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. Sizes range from 20 to 350 tons and 6,000 to 95,000 cfm.

Ultraline systems are ideal for new construction or replacement applications. Virtually unlimited configurations and options are available to provide you with a complete, custom 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 custom packaged approach saves you design time, installation labor, time spent coordinating trades and valuable, revenue-generating indoor space.

Quality Construction

Ask anyone who owns a Mammoth custom 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:

- 3-inch, double-wall steel construction maximizes durability and unit integrity up to 10 inches total static pressure.
- R-20 foam-injected insulation and thermal break construction provides industry-leading thermal efficiency while reducing sound emitted from the unit.
- 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.

Standalone or Integrated Controls

Unit, HVAC system and building controls are central elements to the comfort and operating economy of your building. The Mammoth EPIC™ 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% stand-alone 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 I/O capacity is required.



Custom 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 provide the system that matches 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 magnetic bearing compressors.

Environmentally-friendly 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, Mammoth can provide the right fan to match airflow, static pressure and acoustic requirements for your application.

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

Custom-manufactured Coils Optimized For Your Application

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

Virtually Unlimited Specialty Items to Optimize Efficiency, Indoor Air Quality and Comfort

Energy recovery systems of all forms and types, humidifiers, sound traps – you name it, we have applied it in an Ultraline system



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



Available with FANWALL TECHNOLOGY that provides redundancy and reliability, quiet operation and efficiency.

Your Solution is Our Mission

At Mammoth, we make things possible with your HVAC system that would otherwise be unachievable using a commercial solution. Your solution is our mission – whether it involves meeting an impossibly small footprint, extremely low sound or high operating efficiency, high efficiency filtration, multiple levels of redundancy, or you want to make the HVAC system disappear in your building design. If it goes into a building or on top of a roof, it can be incorporated into a Mammoth custom packaged HVAC system.

We believe in fitting the right custom-engineered solution to your application — without the compromise of “cataloged” solutions that only address part of your requirements. Our Representatives listen to your needs and work with our engineering staff to design systems that meet your unique needs. You benefit from:

- Reduced design time and risk
- Lower overall construction costs
- Faster renovation and construction cycles
- Easier coordination of jobsite trades
- Freed-up indoor equipment room space
- Optimized energy efficiency
- Service friendly designs
- Factory-assured quality and reliable operation
- Sole source responsibility

For more information on how we can design a custom solution for you, please contact your local representative. To locate your representative, visit www.mammoth-inc.com.



Chillers and Chiller Plants



Custom Packaged DX Systems



Replacement Rooftop Systems



Vertical Self-Contained



Water Source Heat Pump Systems



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