



## Unico System Applications: How You Can Use It

One of the major benefits of the Unico System is its ability to adapt perfectly to an incredible number of design and installation applications. Following are some examples:

- **Older Architecturally Unique or Historically Significant Homes & Buildings**
  - Still the most common application of the Unico System, it is the perfect solution for structures built before the widespread installation of heating and cooling systems during construction. The Unico System is used to provide central heating and cooling for buildings that do not have existing ductwork, that have hot water or steam radiators, hot water or electric baseboard heating or other electric heating systems.
  - Because it has such low impact on the aesthetics of the host structure, the Unico System is used to provide superior central heating and cooling while maintaining a home or historic building's original look. The Unico System is the leading central HVAC system in historic preservation.
- **New & Custom Constructed Homes**
  - Because it is a high-end system that provides superior indoor comfort, the Unico System is being used more and more in new and custom constructed high-end homes. Architects and designers are freed from having to design around or have the HVAC system intrude upon their design with the Unico System, allowing for a high-end indoor comfort system that preserves aesthetics.
  - The Unico System is increasingly used as a primary air conditioning and supplemental heating system in new and custom homes that have radiant in-floor heating systems. In such homes the Unico System is used to take the chill out of the air without firing up and waiting on the entire radiant system, and is typically the primary heating source on second and third floors.
- **Room Additions & Multi-Unit Applications**
  - The Unico System M1218 unit is specifically designed to provide heating and cooling for smaller spaces (nominal capacity of 1 to 1½ tons [3.5 to 5.3 kW] of cooling and 10,000 to 27,000 BTUHs [3 to 8 kW] of heating). The M1218 is perfect for providing quality comfort in room additions in which it's not feasible to tie-in to the existing structure's HVAC system.
  - The M1218 is also perfectly suited for providing air conditioning and heating in conjunction with single-unit hot water heaters in apartments, condominiums and other multi-unit applications.
- **Colleges & Universities**
  - Many colleges and universities have older, unique architecture that was built before the advent of modern heating and cooling; the Unico System is the perfect answer to retrofitting these structures, whether administrative, curricular or residential. Unico System is currently being used at UCLA, Principia College, the University of Missouri – Columbia, The Arts & Sciences Academy at Woods Hole, MA and Monroe College in the Bronx, NY.
- **Commercial Applications & Industrial Spot Cooling**

- The Unico System is used to heat and cool renovated and new commercial spaces including offices, warehouses, wholesale and retail shops, electrical and computer rooms and any area where space is at a premium.
- The Unico System has proven to increase productivity by reducing downtime due to worker illness caused by extreme temperatures in industrial areas by providing spot cooling to worker stations. The benefits of the Unico System are greatly increased because of the efficiency and economy it affords by conditioning the worker and not the overall space.
- **Churches & Religious Institutions**
  - Unico System is being used in numerous churches, rectories, convents and other religious buildings across the nation and in Canada including St. Matthew's Lutheran in Wisconsin, the Bishop's Chancellery in Boston and St. Vincent's in St. Louis' historic Souldard neighborhood.
- **Military Complexes**
  - The Unico System also enjoys extensive success in administrative, curricular and residential buildings at various armed forces branches including the Military Academy at West Point, the Naval Academy at Annapolis, Fort Dix, Fort Bragg and a Canadian Military Complex at Edmonton, AB.
- **Transportation**
  - Lack of space has made the Unico System the perfect choice for heating and cooling solutions in trains, planes, buses, trailers and boats, including the United States Post Office's Traveling Stamp Train, the Lisa Marie jet airplane at Graceland, the University of Nebraska's Big Red double-decker bus, the Nascar racing teams' trailers, several floating casinos and numerous yacht and pleasure boats.
- **Other Applications**

At Unico, Inc. we are dedicated to constantly upgrading and improving our products to match new uses and applications. These include:

  - Heating only applications in mountain and temperate coastal areas.
  - Through-the-wall outlets with central hall plenum systems for use in Puerto Rico, the Caribbean and South America.
  - Under slab construction.
  - Use with ground source and water source geothermal heat pumps.
  - Use with chilled water systems.
  - Use with radiant in-floor systems.

### **Use the Unico System for *Your* Next Heating and Cooling Project**

Our Customer Service, Engineering and Marketing Departments are at your service for providing you with help with the myriad applications of the Unico System. Call us today at (800) 527-0896 or reach us through e-mail at [sales@unicosystem.com](mailto:sales@unicosystem.com) or visit us on the World Wide Web at [www.unicosystem.com](http://www.unicosystem.com).