

# Carrier Controls

## Complete System Solutions



turn to the experts™







turn to the experts™

# Covering *your* complete system needs is a part of *our* DNA.

## Energy Savings

- ◆ Demand limiting adjusts zone setpoints and equipment operation before energy rates increase
- ◆ Demand Controlled Ventilation (DCV), eliminates over-ventilation
- ◆ Setpoint control limits user-adjustments
- ◆ Static pressure reset optimizes fan speeds during partial load conditions
- ◆ Integrated economizer control and night-time free cooling minimize mechanical cooling by using outside air
- ◆ Heating and cooling lockouts prevent mechanical cooling and heating based on outside air conditions
- ◆ Linkage algorithms integrate diverse building demands with mechanical heating and cooling sources

## Occupant Comfort

- ◆ Adjust individual comfort levels easily with attractive zone sensors
- ◆ Convenient i-Vu® scheduling tool provides temperature control at any time - weekdays, weekends, holidays, or after-hours
- ◆ Demand Controlled Ventilation (DCV), ensures ample fresh air at all times
- ◆ Built-in humidity control
- ◆ Integrated optimal start algorithm for conditioning space before occupants arrive

## Simple and Flexible

- ◆ Fully scalable network architecture - build small or large systems easily and quickly
- ◆ Application-specific controllers - can be factory-installed or field-mounted, and include built-in equipment graphics, trends, and alarms for i-Vu
- ◆ Pre-engineered control algorithms - simplify system set-up and minimize the need for field programming
- ◆ Streamlined system - eliminates the need for expensive system coordination modules

## Complete Control

### Powerful i-Vu operator interface

- ◆ Plug-and-play with all Carrier systems
- ◆ Monitor your facility from anywhere in the world using a standard web browser or mobile device
- ◆ Create schedules, view trends, alarms, custom reports, and much more
- ◆ Easily monitor and control ancillary equipment such as variable speed drives, lighting, and electric meters by adding our programmable controllers



## Investment Protection

Carrier's complete system promises:

- ◆ Reliability - designed by experts and backed by decades of engineering expertise
- ◆ Open standards - built on the widely accepted, ASHRAE standard BACnet® protocol
- ◆ Flexible service - servicable by any trained Carrier personnel
- ◆ Single-source - Carrier provides it all

## Zoning Systems



## Air Sources



## Chiller Plants



## Ancillary Systems





### The Future of the World Depends on Our Ability... to Sustain it.

As the world's largest provider of heating, cooling and refrigeration systems, we believe that market leadership requires environmental leadership. Carrier leads the industry with its environmentally sound business practices and a commitment to sustainability across its products, services and operations. We demonstrate this commitment by creating environmentally responsible solutions that consume less energy and incorporate innovations that improve the world – indoors and out.



### Turn to the Experts

From concept to finished product, your local Carrier commercial sales and service representatives walk with you every step of the way. Whether you have one building, multiple sites nationwide or special equipment and facility requirements, Carrier sales and service will recommend a solution that fits your scope and budget. To find a representative near you, call 1-800-CARRIER or visit [www.carrier.com](http://www.carrier.com).



turn to the experts™ 

1-800-CARRIER [www.carrier.com](http://www.carrier.com)

Carrier Corporation © 2010  
A member of the United Technologies Corporation family.  
Stock symbol UTX. Cat. no. 11-808-487-10 Rev. 10/10  
Manufacturer reserves the right to discontinue, or change at any time,  
specifications or designs, without notice and without incurring obligations.