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CARRIER'S E³ SOLUTIONS: EFFICIENCY, ENVIRONMENT & ECONOMY

WASHINGTON, March 25 – Scientific air conditioning founder and pioneer Willis H. Carrier's 100-year legacy of innovation continues with Carrier Corporation's E³ Solutions – which address building owners' concerns of efficiency, environment and economy. By leveraging the power of Carrier's HVAC systems, commercial customers can be assured significant energy savings, while minimizing the impact on the environment.

A "Carrier E³ Solution" is the advantage that results by taking product components and designing them into an integrated system that achieves efficiency levels beyond what each product could achieve individually. Carrier E³ Solutions provide commercial customers with a solid return on investment. As integrated systems – from the smallest packaged systems to the largest central cooling plants – they deliver the lowest cost of ownership, while providing the most environmentally sound technology available on the market.

For example, match Carrier high efficiency air terminals with the 39M Aero air handling units and the Ecologic 30GX air cooled chillers – all controlled by Carrier demand controlled ventilation airside algorithms – and this combination can deliver up to 24 percent more energy savings than a similar system in full compliance with the newest ASHRAE 90.1 energy standard.

"Through an integrated systems approach, Carrier is offering its commercial customers affordable HVAC systems that can deliver real, tangible energy efficiency, with savings that can go right to the bottom line." Carrier's Vice President, Commercial Marketing, Mary Milmoie said.

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While Carrier E³ Solutions offer outstanding combined efficiencies, the individual products also stand on their own, providing significant energy savings over and above the standards set by ASHRAE 90.1. Most of these products are on display this week at The Earth Technologies Forum, as part of the company's E³ Solutions exhibit. They include:

- **19XR Evergreen™ Variable Speed Centrifugal Chiller** – Up to 26 percent energy savings above ASHRAE 90.1.
- **62AQ Rooftop Energy\$Recycler™** – Up to 25 percent energy savings above ASHRAE 90.1.
- **30GX Ecologic™ Air Cooled Screw Chiller** – Up to 24 percent energy savings above ASHRAE 90.1.
- **48/50HG Centurion™ Gas/Electric Rooftop** – Up to 20 percent energy savings above ASHRAE 90.1.
- **50RHS/RVS Aquazone™ Water Source Heat Pumps** – Up to 20 percent energy savings above ASHRAE 90.1..
- **50XJ Ecozone™ Water-Cooled Vertical Packaged Unit** – Up to 20 percent energy savings above ASHRAE 90.1.
- **30RA Aquasnap™ Air-Cooled Scroll Chiller** – Up to 6 percent energy savings above ASHRAE 90.1.

The following Carrier E³ Systems also provide superior energy efficiency:

- **39M Aero™ Air Handling Units** – Features double-wall, thermal break design with R-13 insulation value and high-efficiency centrifugal fans and motors.
- **Demand Controlled Ventilation Temperature/CO₂ Sensor** – Provides up to 30 percent HVAC system energy savings.

- **40UV, UH Ventilator and 45 Series Fan-Powered VAV Terminals** – Provide up to 30 percent energy savings over conventional motors.

“With excellent efficiencies, these products use significantly less energy than the standards set by ASHRAE. Using less energy means lower lifecycle costs for our customers, but it also means burning less fossil fuel to generate that energy, and therefore fewer greenhouse gases,” Milmoie added. “Carrier has the broadest line of commercial products to meet the very exacting needs of our customers, who demand products that satisfy the three E’s – efficiency, environment and economy.”

For more information on Carrier, visit the company’s web site: www.carrier.com; e-mail contact.carrier@carrier.utc.com; or call 1-800-CARRIER.

Carrier Corporation is the world’s largest manufacturer of heating, air conditioning and refrigeration systems and equipment. It is a subsidiary of United Technologies Corporation (NYSE:UTX), provider of a broad range of high-technology products and support services to the aerospace and building systems industries.

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