

## News

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### **CARRIER INTRODUCES NEW EVERGREEN™ VARIABLE SPEED SCREW WATER-COOLED CHILLER**

(Charlotte, NC. – October 17, 2005) – Carrier Corporation, the world leader in heating, ventilation, air conditioning, and commercial refrigeration (HVAC) today introduced the Evergreen® 23XRV chiller using HFC-134a refrigerant, an extension to the Evergreen® Series water-cooled chiller line. This product is another first by Carrier as it leads the HVAC industry in the development and application of high efficiency, environmentally sound products.

“The driving strength behind Evergreen 23XRV is the variable speed screw compressor,” said Bruce Burdon, director of product management and marketing, Carrier North America Commercial. “Delivering full load energy efficiency ratings down to 0.53 kW/ton, the Evergreen 23XRV significantly reduces peak demand charges as well as power distribution equipment size requirements. And with part-load energy efficiency ratings down to 0.33 kw/ton, the Evergreen 23XRV has one of the lowest life cycle cost of any water cooled chiller in the industry,” added Burdon.

In addition to its efficiency, the Evergreen 23XRV uses an advanced variable frequency drive (VFD). "Utilizing new VFD technology, the Evergreen 23XRV achieves a power factor of 0.99 or better, reducing costly energy transmission losses by nearly 20% versus the industry average. And with total harmonic distortion (THD) less than 5%, the VFD minimizes interference to sensitive electrical equipment, exceeding the IEEE's industry standard for total harmonic distortion." added Pavan Bharteey, product manager, Carrier Water-Cooled chillers. "Carrier's superior performance will keep our customers' operating costs and demand charges down for years to come," noted Bharteey.

Carrier Corporation, headquartered in Farmington, Connecticut, is the world's largest company providing heating, air conditioning and refrigeration solutions, with operations in 172 countries. It is part of United Technologies Corporation (NYSE:UTX), a Hartford, Connecticut-based provider of a broad range of high-technology products and support services to the aerospace and building systems industries.

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