FOR IMMEDIATE RELEASE

Contact:
Joan Schimml
651.260.4983, joan.schimml@irco.com

Axiom Variable Speed Water Source Heat Pump from Trane Provides High Efficiency Space Control and Lower Operating Costs

Solution exceeds industry standard by up to 58 percent and received first AHRI rating

St. Paul, Minn., Jan. 9, 2012 — The new Axiom™ variable speed water source heat pump (WSHP) from Trane introduces a variable speed solution which exceeds the American Society of Heating, Refrigerating and Air-Conditioning Engineers’ (ASHRAE) efficiency standard 90.1-2010 by up to 58 percent during operation at full load.

The Axiom from Trane, a leading global provider of indoor comfort systems and services and a brand of Ingersoll Rand, is also the first variable speed WSHP to be rated by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI). This solution is designed for schools, commercial office buildings and government facilities.

“The Axiom variable speed WSHP delivers an energy-efficient solution compared to traditional single- or two-stage systems,” said Al Fullerton, global product manager for large commercial unitary at Trane. “This innovative design provides optimal control of space temperature enhancing comfort without sacrificing efficiency.”

Trane strategically offers a variety of variable speed technology solutions. In many applications, variable speed technology delivers a more energy-efficient option than other approaches currently on the market.

The Axiom system employs a variable speed compressor and fan to efficiently adjust output to match the comfort requirements in the zone. Optional enhanced dehumidification control alleviates humidity in problem areas without the need for hot gas reheat.

The system is optimized for efficient performance. Part-load operation reduces on/off cycles for improved reliability and comfort and noise levels.

The Axiom is available for use in either ground source or water loop applications. Integrated controls allow for stand-alone applications or integration with Tracer SC via BACnet MS/TP protocol. Sizes range from 24,000 to 50,000 British thermal units (Btu) in a vertical configuration.

The Axiom also offers a full array of filter options to optimize indoor air quality, including minimum efficiency reporting value (MERV) 8 and MERV 13 to meet Leadership in Energy and Environmental Design (LEED) requirements.
About Ingersoll Rand
Ingersoll Rand (NYSE:IR) is a world leader in creating and sustaining safe, comfortable and efficient environments in commercial, residential and industrial markets. Our people and our family of brands — including Club Car®, Ingersoll Rand®, Schlage®, Thermo King® and Trane® — work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and increase industrial productivity and efficiency. Trane solutions optimize indoor environments with a broad portfolio of energy efficient heating, ventilating and air conditioning systems, building and contracting services, parts support and advanced control. Ingersoll Rand is a $14 billion global business committed to sustainable business practices within our company and for our customers. For more information, visit www.ingersollrand.com or www.trane.com.