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Trane® Axiom™ Water-Source Heat Pump

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Trane Axiom™ variable-speed water-source heat pumps are available in vertical and horizontal configurations for maximum design flexibility. Some configurations reach an energy efficiency rating (EER) of 40, and can deliver potential energy savings of up to 60 percent, when compared to conventional water-source heat pumps.

Trane Launches First Horizontal Variable-Speed Water-Source Heat Pump for Commercial Applications

Proprietary controls, variable-speed technology deliver energy efficiency and cost savings

Waco, Texas, Oct. 30, 2012 — Variable-speed water-source heat pumps from [Trane](#) now include the industry's first horizontal configurations designed for commercial applications. The new units provide maximum design flexibility and cost savings through efficient operation.

The new horizontal models from Trane®, a leading global provider of indoor comfort systems and services and a brand of Ingersoll Rand, feature sizes up to 5 tons and complement existing vertical models in the Trane Axiom™ variable-speed portfolio.

Trane Axiom water-source heat pumps are the only commercial units in the industry capable of full integration with building automation systems. They feature factory-programmed Tracer™ UC400 controls, which utilize proprietary algorithms specifically designed to maximize the unique efficiency potential of onboard eFlex™ compressor and fan technology.

Trane eFlex variable-speed compressors and fans respond to changing demands by varying their speeds, optimizing energy consumption while improving reliability, acoustics and comfort — surpassing ASHRAE 90.1 standards, even at full load. With some configurations reaching an energy efficiency rating (EER) of 40, Trane water-source heat pumps with eFlex technology deliver potential energy savings of up to 60 percent, when compared to conventional water-source heat pumps.

“We wanted to provide customers with a complete portfolio that delivers the best overall value in a water-source heat pump system, with industry-leading energy efficiency, flexibility and system integration,” said Al Fullerton, large unitary product business leader at Trane. “With our expanded tonnage and voltage options, the new horizontal configuration features the same intelligent controls and eFlex variable-speed technology to round out one of the broadest water-source heat pump lines in the market.”

Combined with the integrated controls, eFlex technology enables custom on/off cycling modes and airflow parameters, reduces wear and tear and increases occupant comfort by providing a more consistent environment. In addition to more precise temperature control, the system optimizes the compressor-to-fan speed ratio to provide customers with enhanced dehumidification benefits.

Trane Axiom water-source heat pumps are ideally suited for a wide variety of buildings, including commercial offices as well as industrial, education, healthcare and government facilities.

To learn more about the Trane Axiom variable-speed water-source heat pumps, visit trane.com/WSHP.



Control + click for high-resolution (300 dpi)

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Video and photos can be used on websites; however, please cite 'Courtesy of Trane'



For more information about high performance buildings, visit:

trane.com/WSHP.

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About Ingersoll Rand

Ingersoll Rand (NYSE:IR) advances the quality of life by creating and sustaining safe, comfortable and efficient environments. 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 a world of sustainable progress and enduring results. For more information, visit ingersollrand.com or trane.com.