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**Ferrero Manufacturing Facility in Belsk, Poland, Increases Energy and Operational Efficiency, Sustainability and Comfort**

*Trane is presenting the company with the Energy Efficiency Leader Award*

**Warsaw, Poland, September 20, 2012** – Ferrero, a global confectionary company, is setting an industry “gold standard” at its Belsk, Poland manufacturing plant by embracing environmentally responsible, energy-efficient systems.

Recent energy savings improvements at eight plant buildings, designed to meet a global corporate commitment to sustainability, are part of the Ferrero journey to attain a high performance building outcome. Trane, a leading global provider of indoor comfort systems and services and a brand of Ingersoll Rand, is presenting Ferrero Polska with its “Energy Efficiency Leader Award.”

The award honors the company’s commitment to and achievements in energy and operational efficiency, sustainability and environmental stewardship.

Details of the award presentation:

- Ferrero Polska will be recognized at an award presentation that will take place at 11:00 a.m. on September 21, 2012
- Manlio Valdes, president of Trane and Thermo King in the Europe, Middle East, India and Africa region for Ingersoll Rand, will present the award to Enrico Bottero, general manager for Ferrero Polska and Cezary Więclaw, director of the Ferrero Polska plant in Belsk.

“The efficient solutions at the Belsk plant make sound environmental and fiscal sense and demonstrate Ferrero’s global commitment to energy and operational efficiency and sustainability,” said Cezary Więclaw, director of the Ferrero Polska plant in Belsk.

The Belsk plant improvements were undertaken to European sustainability goals established by the company’s leaders. Ferrero leaders plan to meet the following energy and sustainability goals by 2020:

- Derive 30 percent of energy used from renewable sources
- Reduce CO<sub>2</sub> emissions by 40 percent and water consumption by 20 percent
- Use cogeneration plants or renewable resources to generate 100 percent of electrical power

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## **Ferrero Manufacturing Facility in Belsk, Poland, Increases Energy and Operational Efficiency, Sustainability and Comfort - 2**

Ferrero Polska incorporated the company's global sustainability goals as part of a new construction effort undertaken in cooperation with Trane beginning in 2001. Since then, Ferrero Polska has completed more than 20 projects within eight main buildings aimed at creating sustainable, energy and operationally efficient and comfortable environments, including:

- Production hall number 3, a 12,000-square-meter building — Ferrero Polska implemented a fully integrated cooling system to ensure precise environmental conditions critical to the production process.

The implemented system is 40 percent more energy efficient than a conventional solution, generating annual energy savings of 130000 EUR. This solution ensures critical indoor temperature of 18 degrees Celsius and 55-60 percent humidity levels.

The system features air handling units with a free-cooling option, variable flow technology, water-cooled chillers and cooling towers managed by a chiller plant control automation system that enables the energy and operational optimization of the entire system.

- Large storage building — This 1500-square-meter facility requires an innovative cooling system to ensure efficient, effective and precise temperature and humidity control of the entire space.

Ferrero Polska implemented an integrated cooling system and state-of-the art high-range ventilation nozzles combined with air-handling units and a sophisticated draught ventilation system. This innovative solution enables Ferrero to use 100 percent of the building's storage space and maintain specific precise temperatures needed within the building.

- Office area — A highly efficient heating, ventilation and air conditioning (HVAC) system ensures a comfortable productive environment and meets the standards typical for an A+Class office building. The system features fan coils with variable flow technology and ZN Series controls that improve acoustic and thermal comfort and provide a 20 percent energy savings compared to standard fan-coils. A Tracer Summit building automation system provides centralized building control that can be accessed remotely.

All HVAC systems at the plant are fully integrated with building automation and control systems which allows Ferrero to simultaneously optimize each unit for the highest comfort, productivity and operational and energy efficiency levels.

The completed projects are a key step in creating high performance buildings, which are safe, comfortable and efficient. They meet specific standards for energy and water use, system reliability and uptime, environmental compliance and occupant comfort and safety.

High performance buildings help owners and occupants achieve their business missions by using design and operating standards that are created, measured and continually validated to get desired outcomes within specified tolerances.

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## **Ferrero Manufacturing Facility in Belsk, Poland Increases Energy and Operational Efficiency, Sustainability and Comfort – 3**

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### **About Ferrero Polska**

Ferrero Polska was founded in 1992. The company manufactures and sells such confectionery brands like Nutella, Raffaello, Ferrero Rocher, Tic Tac and the Kinder series. In 1996 began the construction of the plant in Belsk Duży, Grójec county, which became operational in 1997. Initially production at the plant was focused on the local market and the markets of neighboring countries. In the following years, the factory has transformed to become one of the largest factories in the Ferrero Group and also one of the biggest confectionary manufacturing facilities in Europe. Currently, over 80 percent of the goods produced in Belsk is exported to around 70 countries in the world. In the same time, the plant remains the only manufacturer of some of the brands. According to information published by the Polityka weekly magazine, Ferrero Polska is the largest exporter in the food industry and is ranked 29th on the list of exporters from all sectors of the economy. Ferrero Polska employs over 1000 employees.

### **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](http://ingersollrand.com) or [trane.com](http://trane.com).

### **Trane High Performance Buildings**

Trane creates innovative high performance buildings using unique methodology that combines financial, operating and energy analysis with specialized service offers and available financing. High performance buildings are safe, comfortable and efficient. They meet specific standards for energy and water use, system reliability and uptime, environmental compliance, occupant comfort and safety, and other success factors. High performance buildings help owners and occupants be more productive and achieve their business missions by using design and operating standards that are created, measured and continually validated to deliver established outcomes within specified tolerances. For more information about high performance buildings, visit [www.trane.com/highperformancebuildings](http://www.trane.com/highperformancebuildings).