Trane Introduces 17 New Products - Completes Mandatory Refrigerant Conversion for Entire Americas Unitary Product Line in Advance of Regulatory Deadlines

- All New Americas Unitary Systems Now 100 Percent Compliant with 2010 Refrigerant Regulations -

Clarksville, Tenn., Oct. 13, 2009 — Customers asked. Trane responded. Trane just completed an unprecedented introduction of new products and concluded a refrigerant conversion for its entire unitary product line in the Americas.

The product introductions ─ which offer customers more innovative ways than ever before to optimize energy and operational efficiency ─ directly address customer feedback requesting more comfort system options to navigate the current economic environment. In response, the company will have launched more new products worldwide in the past 18 months than in the past 20 years combined.

Trane also incorporated a complete refrigerant conversion from HCFC-22 to an environmentally responsible HFC refrigerant, R-410A, for its entire unitary product line in the Americas to ensure full compliance with federal refrigerant regulations. Unitary products are packaged products that are designed, built and tested in manufacturing facilities, then delivered to the customer for quick installation and operation. The conversion is complete today, well in advance of government deadlines.

“We are absolutely committed to being the world leader in creating multiple innovative systems to meet customer needs and help them achieve their own objectives while giving thoughtful guidance on how best to navigate ever-changing regulatory and environmental requirements,” said Mike Lamach, president and chief operating officer, Ingersoll Rand.

17 New Products Launched

When it comes to new products, Trane has a strong history of bringing innovative products to the marketplace, such as the convector radiator, which revolutionized the heating industry in the 1930s; the industry’s first hermetic, centrifugal refrigeration machine for large commercial building applications in the 1940s; and the industry’s first factory-mounted integrated heating, ventilation and air conditioning (HVAC) controls, which were offered on all the company’s products in the 1980s.

Among the 17 new products launched over the past 18 months are systems engineered to address customer feedback and offer performance improvements. Examples include:

- *Model CGAM air-cooled scroll chiller* – Customers requested greater energy efficiency, lower sound levels and an easier-to-install system. Available in 20- to 120-ton capacities, Model CGAM replaced Model CGAF (20- to 60-ton capacity) and Model RTAA (70- to 125-ton capacity). CGAM is approximately 50 percent more efficient at partial load than the minimum efficiency targets of ASHARAE 90.1, and up to 10 percent more efficient at full load than ASHRAE 90.1 targets. CGAM is 5 to 8 dBA quieter than both RTAA and CGAF, and is faster to install, service and commission, thanks in part to a factory-installed water flow switch and water strainer.

- *Odyssey split-system* – The redesigned Odyssey product provides flexibility, serviceability, reliability and durability with superior performance. The split-system provides ease of installation with lower cost of ownership. In response to customer feedback, the new Odyssey features microprocessor controls for greater control and increased system reliability and an increased ambient temperature rating to 125 degrees F to meet global demand. Available in capacities ranging from 6 to 20 tons of cooling, Odyssey split-systems are applicable across many markets, including education, commercial real estate, retail and government buildings.

- *Precedent™ rooftop units* – This high-efficiency packaged rooftop unit delivers high reliability, easier installation and less maintenance – in short, a lower total cost of ownership. In response to customer feedback, the redesigned system ─ which replaces the Precedent R-22 ─ is 15 percent more efficient than typical packaged systems and ASHRAE 90.1 requirements. Models are also as much as 46 percent lighter than comparable units because

customers requested a smaller and lighter cabinet for easier installation and service. To achieve this, the new system features a highly efficient, ultra-quiet, direct-drive, plenum fan (featuring a backward-inclined blade design). This allows for overall weight and unit-size reduction, reducing energy consumption and utility costs. The system offers three stages of cooling on high-efficiency dual-compressor units for more precise temperature control and year-round energy savings.

- *Tracer SC™ System* – A flexible, scalable, efficient and cost-effective solution for maintaining facility climate and improving indoor air quality, the Tracer SC control system improves the energy efficiency of rooftop variable air volume (VAV) systems by up to 25 percent. The system's capabilities are based on extensive market research into customer needs including Web-enabled control, support of open standard protocols and scalability. Usability testing has helped in the development of a user interface that allows increased productivity.

- *Performance Climate Changer™ air handler* – The design of this air handler reflects input from nearly 1,000 customers who requested increased energy efficiency to help with rising energy costs, superior casing performance for product sustainability and longevity, as well as lower installed cost to keep projects on time and within budget. The Performance Climate Changer is the most energy-efficient air handler in its class. This highly flexible unit is designed to provide a clean, comfortable environment for commercial, industrial and institutional buildings while providing superior performance, industry-leading energy efficiency and system optimization at the lowest installed cost.

Trane Introduces 17 New Products - Completes Mandatory Refrigerant Conversion -3

Trane redesigned every system to provide greater operating efficiency, serviceability, flexibility, reliability and durability as well as superior performance. In addition, the company made the units safer to manufacture and service, easier to install and better to operate with environmentally responsible, compliant refrigerant.

Refrigerant Conversion Mandate
Trane completed its refrigerant conversion while retaining its leadership role of providing the most complete line of product offerings in the industry.

Federal regulations mandate that manufacturers must stop the use of R-22, an ozone-depleting HCFC (hydrochlorofluorocarbon), in new equipment by 2010. Most systems manufacturers have selected R-410A refrigerant as the replacement refrigerant of choice.

Clarksville Plant to Showcase Product Offerings, Highlight Compliance Process
To showcase its expanded offerings and early compliance, Trane will host a series of events for media, community leaders and employees at its manufacturing plant located in Clarksville, Tenn., on **Wed., Oct. 14.**

Events in Clarksville will include:

Customer Site Visit (for media only) – 8 - 10 a.m.
In 2006, Clarksville's Gateway Medical Center chose Trane to equip its new 490,000-square-foot, 270-bed hospital with a comprehensive HVAC system. Trane provided a variety of infrastructure systems for the new facility, which was completed in 2008.

Plant Tour – 10 – 11:30 a.m.
Guests will tour the manufacturing facility that produces Voyager II, Voyager III, Intellipak™, Intellipak II rooftops as well as Split-Systems. They will also see the key processes, including product assembly, sheet metal punching and forming, product testing, welding and brazing, robotics, roll forming, foam panel injection, coil manufacture, compressor assembly and support operations for these products.

Ceremony – 11:30 a.m. - Noon
Key Trane leaders will recognize employees for the engineering and manufacturing achievements involved in developing innovative new products and completing the refrigerant conversion ahead of schedule.

Tour of Product Parade – Noon – 2 p.m.
Guests are invited to tour a product display area that will feature the Model CGAM air-cooled scroll chiller, Odyssey split-system and Precedent™ rooftop units (all described above) as well as other recent new products.

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About Ingersoll Rand

Ingersoll Rand is a global diversified industrial firm providing products, services and solutions to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and enhance industrial productivity and efficiency. Driven by a 100-year-old tradition of technological innovation, we enable companies and their customers to create progress. For more information, visit www.ingersollrand.com.

About Trane

Trane, a business of Ingersoll Rand - the world leader in creating and sustaining safe, comfortable and energy efficient environments - improves the performance of homes and buildings around the world. 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 controls for homes and commercial buildings. For more information, visit www.Trane.com.

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