



News Release

FOR IMMEDIATE RELEASE

New Trane Tracer SC™ Improves Energy Efficiency Performance of Rooftop VAV Systems up to 25 Percent

Piscataway, NJ, April 13, 2009 – Do you have a medical or commercial office building, primary or secondary school, or retail space that uses rooftop units and a variable air volume (VAV) system for heating and cooling? It's one of the most commonly used heating, ventilation and air conditioning (HVAC) system types in North America.

If you do, you should know that Trane has introduced a control system that can improve its efficiency by up to 25 percent.

A rooftop variable-air-volume (VAV) system is an HVAC system used in a variety of low rise building types due to the combined benefits of easy installation and zoning, performance, and competitive first cost. The VAV box regulates the delivery of conditioned air to the space, while a building control system such as Tracer SC™ orchestrates the operation of the rooftop and VAV boxes to ensure comfort.

This system offers a flexible, scalable, efficient and cost-effective solution for maintaining facility climate. When Tracer SC is used with a rooftop VAV system, it reduces operating and lifecycle costs because of the energy-savings program's fan pressure optimization, which controls pressure in the ductwork based on demand and ventilation reset, which conditions only the required amount of outdoor air.

It also improves indoor environmental quality (IEQ) through pre-programmed system applications such as variable air systems (VAS) and area, which eliminate or reduce comfort issues. Building operation and problem solving functions are simplified with included applications for scheduling, overrides, reporting, data logging, alarm and event logging, and security,

New Tracer SC now available with greater flexibility and performance

Every HVAC system needs control of its cooling equipment, which requires at least one unit controller on every single unit to maintain the temperature and air quality in that space.

A building control unit like Tracer SC, which is now available to order, takes the collection of all the individual unit controls and brings control into one system controller, providing coordination between individual unit functions to keep the building running more efficiency.

The Tracer SC system controller acts as the central coordinator for all individual equipment devices on a Tracer building automation system. The Web-based interface of the Tracer SC system controller provides an easy and convenient way for building operators to access their building automation system.

-more-

Tracer SC and Rooftop VAV – 2

Access is available from any personal computer that meets system requirements, even from remote locations. Since Tracer SC is a Web-based device, users don't have to invest in special software, making it easier for users to control the building without added costs.

The Tracer SC operator interface simplifies scheduling to “point and click” tasks. The intuitive “drag and drop” functions will result in an improved bottom line, through reduced operator training and improved productivity. This Web-based online management tool can help reduce energy costs and installation time and improve tenant comfort.

Users can better maintain occupant comfort and indoor air quality by using the pre-programmed system applications such as ventilation reset, variable air systems (VAS) and area control.

Engineers can benefit from using Tracer SC, because it includes pre-engineered solutions, so no custom programming is required for standard building automation functions.

For owners this means it provides repeatable solutions, which reduces the risk of down time and maximizes energy savings. Facility managers benefit, because it has automatic data-logging by space and equipment – which simplifies operator troubleshooting, along with easy to use standard status, setting and override screens with minimize training and more usable data.

For more information on Tracer SC or Trane rooftop VAV systems, visit www.trane.com/engineer or contact your local Trane office.

#

Trane, a business of Ingersoll Rand, 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.

For more information, reporters may contact any of the following individuals:

Perri Richman, prichman@trane.com

Heidi Bolin, hbolin@trane.com