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Trane Controllers for Chilled Water Terminals Are eu.bac Certified

Trane Tracer™ ZN525 and ZN523 receive eu.bac certification for energy efficiency

Delhi, India, November 11, 2011 – The Trane Tracer™ ZN525 and ZN523 controllers have received European Building Automation and Controls Association (eu.bac) certification for their energy-efficient performance. Trane, a leading global provider of indoor comfort systems and solutions and a brand of Ingersoll Rand, can thus offer eu.bac certified controllers for all its water terminal units to help building managers achieve significant energy savings.

The Trane Tracer ZN525 for terminal units with electronically commutated (EC) motors and the Tracer ZN523 for conventional terminal units have received eu.bac certification for use with water terminal units with two pipes and two wires, or with two or four pipes. Both controllers successfully passed all eu.bac tests, recording performance results that rank among the highest in their category.

eu.bac launched the European Certification Scheme for Building Automation (eu.bacCert) in response to the European Energy Performance of Buildings Directive and different national regulations, which require proof of building energy efficiency. eu.bac certification assures the user of a high level of performance and energy efficiency as well as compliance with the European standard EN 15500 for electronic individual zone control equipment.

“The eu.bac certification provides transparency and peace of mind to our customers,” said Rajesh Sikka, business leader for Trane in India. “For building owners and managers, it delivers independent confirmation of the cost saving performance of the Trane Tracer ZN525 and ZN523. The certification also offers architects and specifying engineers the compliance with European standards and the official proof of energy efficiency they require.”

In some countries, a certified controller can help achieve compliance with thermal building regulations. It can also allow building owners to meet tax or other incentive requirements.

Building automation systems, including controllers, increase energy efficiency by monitoring, optimizing and controlling heating, ventilating and air conditioning systems. In combination with energy efficient terminals, such as the Trane chilled water terminals using EC fan motor technology, the Tracer ZN525 and ZN523 help reduce energy costs to a minimum.

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The Trane Tracer ZN525 can be used on all Trane chilled water terminal units equipped with EC fan motor technology to provide optimum energy efficiency, increase comfort and reduce terminal operating noise. The Tracer ZN523 provides intelligent fan speed control to terminal units using the conventional alternating current (AC) fan motor technology.

In addition, it can be used on active and passive chilled beam applications. Both controllers are certified as a LonMark Space Comfort Controller type SCC 8501 and are offered as a factory or field-installed controller.

eu.bac is the European association of product, system and service providers for home and building automation, and process measuring and control technology for buildings. The organization issues certifications for home and building automation and services under the eu.bacCert name.

The eu.bacCert mark for individual room controllers reflects the ability to maintain a stable indoor temperature and the time needed to react to changes in load or setpoint. The certification is based on testing by independent facilities and factory inspection by authorized third party experts. More about eu.bac: <http://www.eubac.org>.

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