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Contact:

Nitika Dhawan
Trane, a brand of Ingersoll Rand
91 99101 58528, nitika_dhawan@trane.com

Amity University Selects the Trane® CenTraVac™ Chilled Water System to Optimize Energy Efficiency on Six Campuses

Delhi, India, April 8, 2013 – Amity University-Noida, Uttar Pradesh, will install the CenTraVac™ Chilled Water System from [Trane](#), a leading global provider of indoor comfort solutions and services and a brand of [Ingersoll Rand](#), in buildings on six campuses in northern and western India.

The upgrades, which will improve the learning and teaching environment, represent a major step in transforming the university buildings into high performance buildings that tie to its educational mission. High performance buildings take a whole building approach to performance, while creating spaces that are reliable, safe, healthy, comfortable and efficient.

Before the university selected the new systems, the Trane team completed a detailed building analysis and found that the Trane CenTraVac Chiller is 8 percent more energy efficient than conventional solutions. The analysis indicated an estimated payback period of one and a half years for the chiller. Based on these findings, the team recommended the Trane CenTraVac Chiller as the most energy efficient solution.

“We already have Trane chillers installed on our campuses and have been very satisfied with their superior energy efficiency, reliability and performance as well as the service support provided by Trane,” said Ajay Chauhan, member, board of management, AMITY Educational Institutions. “We hope that this project serves as a catalyst and blueprint for other educational institutions in terms of upgrading their campuses for increased energy efficiency, reliability and cost savings.”

The upgrades represent a larger effort to improve the academic environment by updating the physical campus buildings. A study conducted by the department of civil engineering, environmental and water resources engineering division at the Indian Institute of Technology, Chennai, investigated indoor air quality parameters in naturally ventilated buildings and found high levels of breathable dust and incidence of sick building syndrome.

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Other recent improvements at the Amity campuses have included:

- selecting best-in-class, high efficiency centrifugal water cooled chillers,
- opting for an automatic tube brushing system – to ensure same efficiency levels year on year,
- using a service contract to ensure system continued perform at top efficiency with minimal downtime, and
- replacement of inefficient systems.

“We are happy to collaborate with Amity University on solutions that reduce energy consumption and operational costs,” said Sudarshan Ananth, vice president and business head for Trane and Thermo King in India. “Trane is committed to offering products and services that facilitate healthy and sustainable learning environments across India.”

Amity University will be installing Water Cooled CenTraVac Chillers with automatic tube brushing at six campus locations: Mumbai, Jaipur, Gwalior, Lucknow, Manesar and Noida. The Trane® CenTraVac™ chilled water system is ideal for a wide variety of building types and sizes, both new and existing buildings. The ultra-quiet operation, reliable chiller plant operation – even under extreme conditions – provides long life and reliable operation.

Five of the six campus installations will be completed by the end of 2013 and the Jaipur campus project will be finished in March 2014. The installations are for both new campus construction and expansion projects. The contract also features a five-year service agreement to ensure that the systems continue to provide optimal performance.

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About Amity University

Amity Universities are India's leading research and innovation driven non-profit private Universities with campuses in New Delhi NCR, Dubai, Gurgaon, Lucknow, Jaipur and Gwalior. Part of the Amity Group with 100,000 students from pre-school to post doctoral levels with campuses in 15 cities of India and 8 countries, the Amity Universities are spread over 100's of acres of world class campuses and have received the highest 'A' Grade accreditation by the National Assessment and Accreditation Council (NAAC). For more information visit www.amity.edu

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