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**New Trane TVR II Air Conditioning System Improves Energy Efficiency, Indoor Air Quality and Comfort**

*Highly flexible solution easily allows for adaption as building needs change*

**Miami, March 6, 2013** – The new [Trane](#) TVR™ II (Trane Variable Refrigerant) air conditioning system enables designers, installers and owners to improve energy efficiency, indoor air quality and indoor comfort when seeking integrated solutions.

Engineers from Trane, a leading global provider of indoor comfort solutions and services and a brand of Ingersoll Rand, developed this solution in response to customer requests for integrated and flexible heating, ventilation and air conditioning (HVAC) solutions. The TVR II was launched in fourth quarter 2012 throughout Latin America.

The TVR II achieves even higher levels of energy efficiency than its predecessor, the TVR, and also provides new fresh air solutions and advanced controllers that allow integration to a building management system like Tracer™ SC.

“Trane is in a unique position to offer an overall integrated solution, taking advantage of an efficient and flexible solution like TVR II as well as our fresh air options and a building management system like Tracer™ SC,” said Leandro Tolosa-Zenklusen, associate product manager for ductless systems for Trane.

Like its predecessor, TVR II can be applied as the main HVAC system in a building or as a supplemental system that coordinates with an existing HVAC installation to meet different application requirements.

This solution is ideal for applications with multiple rooms where individual control is critical, such as office buildings, healthcare facilities, high-end residences, schools, apartment/condominium buildings, hospitality and retail.

The highly flexible TVR II can be easily customized to specific needs. This system offers a wide range of heat pump and heat recovery units that can be matched with 10 different styles of indoor units to meet several different requirements.

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## **New Trane TVR II Air Conditioning System Improves Energy Efficiency, Indoor Air Quality and Comfort – 2**

The largest, a 52-ton module, allows up to 64 indoor units to be connected, delivering comfort from as far as 150 meters away from the outdoor unit. Other Trane air handling units can be easily integrated with the TVR II using a new air handling unit connection kit.

The new improved TVR II achieves higher levels of energy efficiency than the TVR by using an optimized fan with a direct current (DC) fan motor, an improved high performance heat exchanger, and brushless DC inverter scroll compressors.

“Trane Services offers a unique portfolio of service solutions available across all Latin America – unmatched by any HVAC manufacturer – to enable our customers to receive the very best value when combining this new solution with system support for optimal reliability and performance,” said Raúl Palacios, vice-president of Latin America Services for Trane.

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