



News Release

FOR IMMEDIATE RELEASE

Trane Ships First of Its New Energy Efficient Air-Cooled Scroll Chillers to Community College in Kentucky

- System can be 50% more efficient at part load and 10% more efficient at full load than today's ASHRAE minimum efficiencies--*
- Local celebration planned in Pueblo, Colo., to celebrate first unit shipment --*

Pueblo, Colo., June 16, 2009 – Building owners are looking for comfort systems with high energy and operational efficiency and low sound levels and ergonomic risk.

To meet this demand, Trane is introducing and now shipping a new air-cooled scroll chilled water system that delivers on all of these requirements and is particularly suited for K-12 school buildings.

Called CGAM, the 20-to 120-ton system is one of the industry's most efficient designs available today. It is approximately 50 percent more efficient at part load than the minimum efficiency targets of ASHRAE 90.1 and up to 10 percent more efficient at full load.

It's also designed with acoustics in mind, with a 5-8db reduction compared with previous models. This allows building owners to apply a standard unit in situations that would have required additional sound attenuation in the past. CGAM can further reduce sound levels up to an additional 3db with factory-installed attenuation.

CGAM is safer to install and commission than other air-cooled chillers because of its easy to reach service valves, water strainer and water pipe connections. This also makes it more durable for a renovation/retrofit project, not just for new construction design.

Celebrating the first CGAM shipment

The first CGAM system is shipping from the Trane facility in Pueblo, Colo., to a community college in Kentucky on Wednesday, June 17.

To celebrate the first shipment, Pueblo community leaders and officials will join the local Trane operation's nearly 700 employees for a celebration that includes a facility tour and first ship ceremony.

Different CGAM Systems Applications Depending Upon Owner Need

Combined with building automation control systems such as Tracer Summit™, CGAM offers a flexible, scalable, efficient and cost-effective solution for maintaining facility climate.

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Launching and Shipping CGAM -- 2

When used as part of an ice or thermal storage system, owners can benefit from reduced cooling energy cost because the design uses ice made at night, when demand and energy charges are lowest, to cool the building during the day. The CGAM chiller's dual setpoint control and industry leading ice energy storage efficiency assures reliable operation and superior system efficiency.

Another energy saving application is using CGAM with partial heat recovery, which is when the heat that is rejected from the condenser while cooling the building is redirected through a factory-installed heat exchanger on the chiller. This optional factory-installed heat exchanger provides hot water that can be used for many applications; water preheat and reheat for enhanced system humidity control are just two examples. This option reduces operating costs associated with boilers/hot water heaters.

For more information, visit www.trane.com/engineer or contact your local Trane office found on www.trane.com/commercial.

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About Trane

The Trane operation in Pueblo was established in 1987. The plant manufactures helical rotor and scroll water- and air-cooled chillers, compressors and cold generators. The global market for these products includes education, office, industrial, retail and government applications.

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.

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