



Trane Tracer Chiller Plant Control



Pre-engineered for efficient, reliable performance

Operating a chiller plant to balance demands for efficiency and reliability can be complex, even for experienced plant operators. Tracer® chiller plant control delivers efficiency and reliability through pre-engineered applications that embed our advanced systems expertise into your facility. Trusted algorithms, proven in tens of thousands of installations worldwide, operate your plant with fewer risks—and greater rewards: Simplified operation that's easily mastered. Optimization strategies that align with business priorities. Full documentation that empowers your operators to take control. And flexibility to manage advanced sequences tailored to any plant.

Let's make your chiller plant a greater asset to your business. Trane brings industry-leading best practices and Trane engineering expertise into your building to optimize performance.

Trane experience guides every decision

Tracer® chiller plant control benefits from decades of proven experience. Our patented algorithms have been developed using a combination of comprehensive modeling tools, lab experiments, and real world installations. The approach we apply today has evolved over several generations of Trane® control platforms, and we learn more every day. The more buildings we serve, the better we get.

Easy to understand and operate

Full-screen instructions in plain language, describing “what’s next” and “why,” use real time data to answer the questions most asked by plant operators. Even less experienced operators will find it simple to complete chiller interactions like forced chiller addition and subtraction, rotations, set point changes and other common adjustments.

Greater operator support

Plant operators have our support to make sure they feel completely confident and in control. Trane provides operator training, application guides and convenient on-screen help. Additionally, our applications are fully documented. There’s no mystery behind our sequences, decision branches, or what-if scenarios. Our systems are fully transparent, so your team can operate and maintain the chiller plant with greater confidence. Operators can monitor and manage systems anytime, anywhere, remotely with the BAS Operator Suite mobile app.

Flexible, adaptable and open

Tracer chiller plant control accommodates a wide variety of plant configurations, operating conditions and regional characteristics. Optimization strategies can be selected to provide the best solution for any plant.

Built on the Tracer® controls platform, Trane chiller plant control uses open, standard protocols. Total compatibility with BACnet, Modbus® and LonTalk® means our solutions work with many different equipment brands, and they are easily scalable.

Comprehensive in scope

Trane delivers efficiency gains by applying our industry-leading system knowledge to virtually every aspect of chiller plant operations.

- Chiller staging
- Pump pressure reset
- Chilled water reset
- Chiller/tower optimization
- Enhanced cooling tower staging
- Thermal storage integration

Always improving

Every business runs differently. Every chiller plant is slightly different. Pre-engineered settings provide an excellent starting point, but there’s always room to do better. Trane Intelligent Services can identify the path to continuous chiller plant improvement.

Let’s make your chiller plant more sustainable and reliable.



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit trane.com or tranetechnologies.com.

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