



Trane Services

Chiller Health Check Program

Experience the OEM care



Who knows Trane equipment better than Trane?

Optimize your Trane equipment with a Trane Chiller Health Check

You might compare your Trane liquid chiller to the human body. To stay fit, humans need regular check-ups performed by medical experts to assess overall health condition and detect potential health risks. The same logic applies to your chiller. A check-up performed by a Trane factory authorized service technician provides real time chiller operating condition.

Reliable, efficient performance and lower operational costs are directly linked to how your Trane chiller is maintained. The Trane Chiller Health Check Program is a step-by-step evaluation of the current performance status of your equipment. With the right information in hand, your Trane service expert will analyze the current status and provide you with a detailed report and suggestions for chiller performance enhancement. With almost 100 years in HVAC leadership, Trane's OEM chiller expertise is unmatched in the industry.

A Trane Chiller Health Check suited to your situation

A Trane Chiller Health Check is available according to your needs. Trane offers either a basic or comprehensive program.

Both programs include an oil sample analysis in a laboratory to evaluate the presence of wear on the components and compare the current oil parameters to original specifications.

The comprehensive program includes the eddy current and vibration analyses to verify the internal condition of the heat exchanger tube and the compressor respectively. The additional thermographic inspection provides immediate status of the electrical panel.

Any signs of deterioration will be noted during the different inspections. Your Trane expert will be able to suggest the best solution to fix any issues and quickly restore your Trane chiller to optimal operating conditions.

Highlights of the Trane Chiller Health Check Program

The basic program

Onsite, a Trane engineer inspects your liquid chiller including the general equipment frame and main components:

- Refrigerant lines
- Electrical wiring and control panel
- Thermal insulation
- Heat exchangers
- Water connections
- Compressor

A site safety audit is performed to ensure your plant satisfies equipment safety and operational requirements. Essential equipment parameters are measured according to the unit controller characteristics.

The comprehensive program

This premium program is a further step in the Trane OEM expertise. With more in-depth predictive analyses, an extensive check-up is performed to reflect a complete equipment status. Additional tests include:

- Vibration analysis
- Eddy current analysis
- Thermographic inspection of the electrical panel

Both Trane Chiller Health Check Programs provide essential real-time equipment condition. An ideal way to spot potential issues and take preventive measures for the safe, reliable and efficient operation of your system.

Trane has the service knowledge and experience you expect from a trusted advisor. The Trane Chiller Health Check Program helps protect your investment with suggestions for improving your cost of ownership. A good start to integrate your equipment in a valuable Lifecycle management.

Research involving all HVAC systems has shown that a regular maintenance schedule can:

- Cut unexpected breakdowns by 70-75%
- Reduce downtime by 35-45%
- Lower equipment repair and maintenance costs by 25-30%
- Reduce energy consumption by 5-20%.



Equipment Lifecycle Management						
Trane Elite Start™ and Extended Start	Genuine Parts and Repair Services	Trane Service Agreements	Trane Select™ Agreements	Trane Building Advantage	Trane Connected Services	Trane Rental Services
Foundation for high performances buildings	Comprehensive OEM parts	Planned maintenance	Comprehensive service contracts for HVAC systems	System enhancement service solutions	Remote monitoring with a professional advantage	Keep your customers cool during emergencies
Benchmarking baseline parameters	State of the art logistics	Minimize downtime and extend equipment life	Improve reliability and performance	Reliability, energy and environmental solutions	Close monitoring and analysis of system trends	Solve capacity issues when it gets hot
Monitor and adjust system critical parameters	Factory authorized technicians	Reduce operating costs	Improve costs of ownership	Improve comfort and operating efficiency	Critical alarm management and event log	Support temporary cooling and fast track projects
Start-up	■					
Operate and maintain	■	■	■			
Improve cost of ownership			■	■	■	
Upgrade and improve				■		
Advanced remote analytics					■	
Contingency cooling						■
Environmental solutions				■		



Trane Services

The real expertise of a manufacturer



- Systems approach
- Dependable installations
- Energy saving solutions
- Operating cost optimization
- Chiller plant management solutions
- Chilled water production solutions.

At Trane, we are committed to providing a comprehensive portfolio of HVAC solutions throughout your system lifecycle.



Breakdown resolution

No one plans for breakdowns, but when they happen you need the right partner. Our expert Service Engineers use the latest diagnostic tools to guide you through your options to Repair, Renew, Replace or ReThink.



Secure operations

At every point during the lifetime of your equipment - installation, commissioning, maintenance or breakdown - Trane can offer an effective solution with commissioning, first-aid kits and service agreements.



System upgrade

Trane Building Advantage

Trane is committed to bringing the latest technological advantages to our customers through a wide portfolio of solutions which increase the Efficiency, Reliability and Sustainability of their HVAC plants. Our Service Engineers use their expertise together with the latest diagnostic tools to future-proof your system and make it “better than before”.



Equipment rental

For special events, exceptional needs or when you want to ReThink HVAC management, Trane Rental Services have the right solution. With our extensive fleet of equipment, we can perfectly match your temporary heating and cooling requirements.



Contact us

With over 1000 of the best trained sales engineers and service technicians in the industry, Trane is in the best position to serve your needs. Just call us and we will help you configure the Trane Free Cooling solution for your HVAC system.



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.eu or tranetechnologies.com.