



Trane Building Advantage

AdaptiView™ Control Upgrade

Total visibility of chiller operation

TRANE
TECHNOLOGIES

Increased productivity and efficiency... the key is Control

A better managed chiller for a better managed building.

Your HVAC system accounts for nearly 45% of your building’s total energy costs. Any facility manager would like to control those costs more effectively, if they could.

AdaptiView™ helps operators keep their chiller plant running at maximum efficiency, thanks to a graphical user interface that provides a deeper understanding, along with quicker response times.

While you are reducing your costs, the occupants of your building will be enjoying extra comfort. That’s what expert chiller control is all about.

Upgrade to the latest control technology

AdaptiView upgrade is a comprehensive retrofit package for your Series R™ chillers, models RTHA, RTHB, RTHC or RTHD. The upgrade package includes everything you will need to migrate to the most advanced chiller control technology available. The upgrade package includes an AdaptiView display, UC800 controller, swing arm mount and door panel.

Upgrade to full connectivity

Upgrading to AdaptiView enables you to connect with the most recent Trane Chiller Plant Manager. This allows you to take full advantage of the advanced control technology that AdaptiView provides.

AdaptiView is able to communicate via the latest open protocols: BACnet™, LonTalk® and Modbus.

Take charge of your chiller



- Large, full-color touch screen for fingertip control of chiller subsystems
- Instant access to operational data for faster issue analysis and resolution
- At-a-glance status updates display key operating parameters
- Easy-to-read trending charts and diagnostic reports help fine-tune chiller control
- Industry-leading algorithms optimize control where conditions are changing rapidly.



Report



Data graphs



AdaptiView helps chiller owners:



- Improve performance
- Anticipate problems
- Protect equipment
- Avoid costly downtime

Designed by operators, for operators



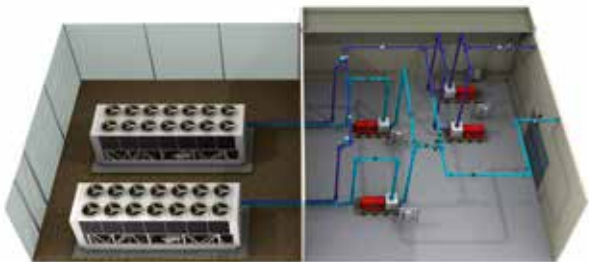
- Graphic display options for easy analysis
- Intuitive controls
- Touch-screen access
- Customizable routines
- Ergonomic design

Upgrade control for both chiller and system

AdaptiView provides control upgrades over a wide range of chillers. With the very latest in control technology, your asset will be revitalized and will benefit from easy connection to the Chiller Plant Control. The result will be an in-depth view into both your chiller and your system, leading to performance optimization and reduced operating costs.



Tracer™ SC System Controller



Seamless integration: Access your chiller plant control remotely using a laptop, tablet or smartphone. Trane can provide custom graphics for seamless integration into your facility.



Get the Trane app on Tracer® BAS Operator Suite



Air-cooled screw chiller: RTAC



Large water-cooled screw chillers: RTHA, RTHB, RTHC, RTHD



Centrifugal air- or water-cooled chiller: CVAC, CVAD, CVAE, CVGA, CVGD, CVGE, CVGF

A new start for your unit

For RTAC units, Trane can provide a fully comprehensive upgrade including:

- **Adaptive Frequency Drive:** Save up to 30% in energy costs by automatically adapting compressor speed to building load requirements.
- **R513A refrigerant retrofit:** While pressure grows on price and availability of R134a refrigerant, an R513A retrofit will have the added advantages of cutting GWP by half and reducing the frequency of obligatory leak tests.
- **Compressor retrofit:** Take advantage of the latest Trane compressor technology for increased performance and a 5% efficiency gain.
- **Bus retrofit:** Upgrading the system bus and sensors ensures that the full potential of AdaptiView is realised: faster response, faster diagnosis and identification of defective sensors.

	RTHA	RTHB	RTHC	RTHD	RTAC
Control & display	●	●	●	●	●
Bus & sensors	●	●	●	N/A	Option (pre-2006 unit)
Expansion valve	●	●	●	N/A	Option (pre-2006 unit)
Refrigerant	Option	●	●	N/A	Option R513A
AFD	N/A	N/A	Option	Option	Option

● : Included with adaptiview
N/A: not available

Much more than a control upgrade

A chiller control upgrade does much more than display information and support diagnosis; it is the key component that enables further important performance enhancements including:

- Adaptive Frequency Drive (AFD)
- Refrigerant retrofit
- Compressor upgrade
- Bus and sensor upgrade.



An AdaptiView upgrade is like the system's brain, opening up further possibilities for improvements to Nerves (internal bus), Senses (sensors) and Heart (compressor).



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 best suited control upgrade 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.