



Trane Building Advantage

# Evolution chiller upgrade

Future-proof your chiller

TRANE  
TECHNOLOGIES

# So many ways to optimize your HVAC equipment

In a rapidly changing environment, your HVAC equipment must meet the highest standards for:

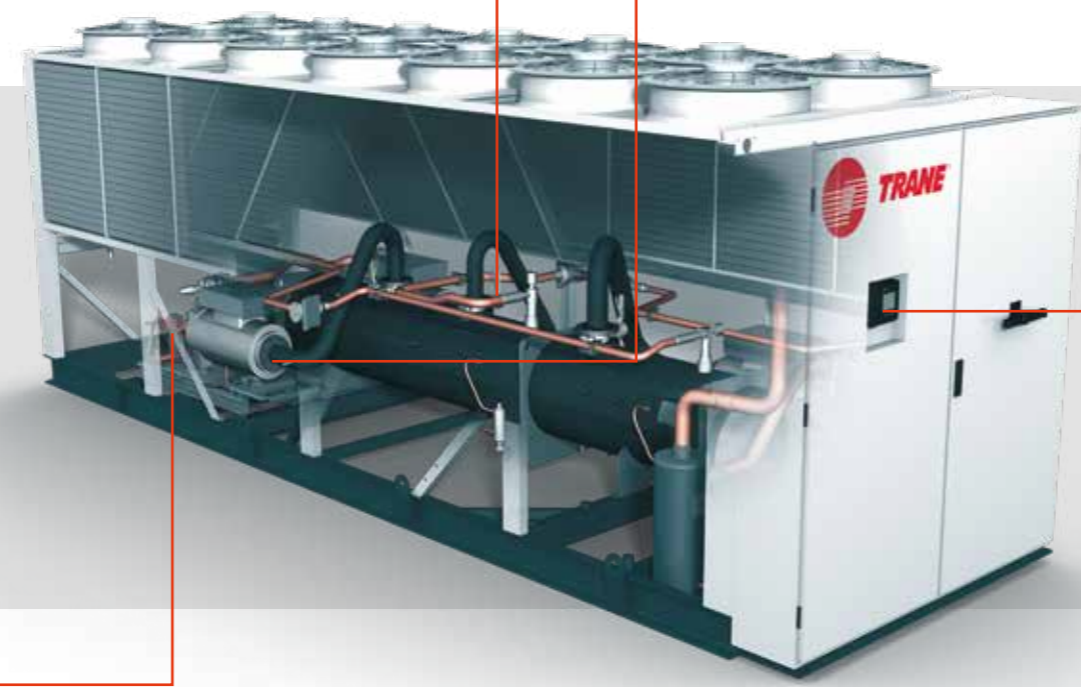
- Efficiency
- Reliability
- Environmental impact
- Conformity with regulations.

With Trane, your chiller can be upgraded to extend its life cycle, substantially improve its efficiency and make it more reliable.

## Refrigerant and the environment

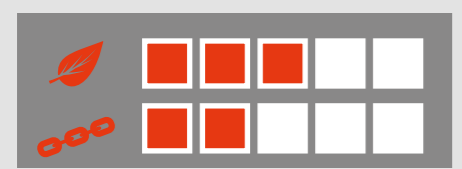
Controlling global warming is now a major challenge and regulations exist to limit the impact of human activity on our journey towards zero ODP and GWP.

Trane can offer a refrigerant conversion to extend the operating life and protect you from any risk of scarcity of traditional HFCs, a serious threat for 2018 and beyond.



## Trane solutions benefits:

- Secure chiller operation
- Reduce carbon footprint
- Maintain equipment capacity

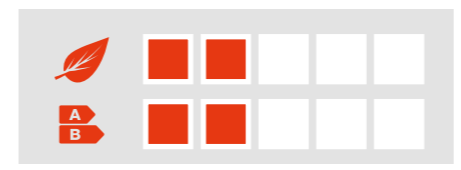


## Fit the latest generation of high efficiency compressors

Your equipment can be fitted with premium efficiency Trane compressors. This results in lower energy consumption and reduces carbon footprint.

### Trane high efficiency compressor benefits:

- Substantially reduce the energy consumption
- Increase equipment capacity

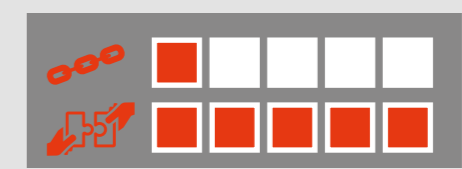


## A clearer view of chiller operation with AdaptiView™

AdaptiView™ is a next generation, technologically sustainable controller solution from Trane. Your equipment will be future-proofed with full access to emerging control logic and continuity of component supply.

### Trane solutions benefits:

- Better access to better data .
- Connect to the best open communication protocols
- More control increases reliability



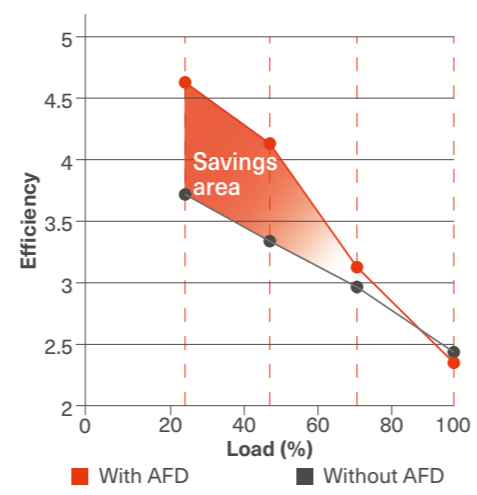
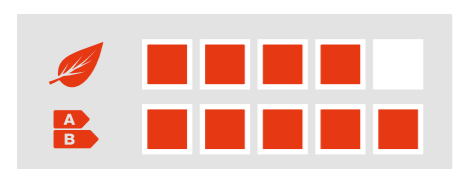
## Optimized energy consumption with Trane Adaptive Frequency Drive



The Trane screw chiller that keeps your facility cool and comfortable needs energy to operate. Because energy costs rise continuously, your bottom line is always under pressure.

### Trane frequency drive benefits:

- Improve efficiency up to 40%
- Reduce carbon footprint



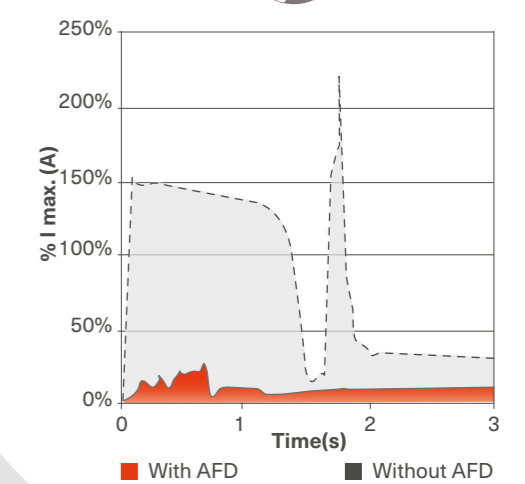
Results obtained through laboratory tests using the ESEER Eurovent methodology.

## Start-up current reduction with Trane Adaptive Frequency Drive



Dedicated AFD speed control allows the compressor and fans to operate at reduced speed when cooling demand is low, so that the chiller remains at maximum efficiency.

In addition, AFD reduces peak current at start up for smoother motor operation and increased lifetime.



- Carbon footprint
- Energy efficiency
- Reliability / Availability
- Diagnostics and connectivity

# Combine the options to define your optimal evolution package

The Trane team will work with you to analyze your cooling needs and identify the optimal solution to offer the best value in terms of efficiency, sustainability, reliability and diagnostics.

	Controls	VFD	Compressors	Refrigerant
AdaptiView	✓	-	-	Option
Impulse	✓	Compressors	-	Option
Impulse Top	✓	Compressors and fans	-	Option
Evolution	✓	Compressors and fans	✓	✓



Trane can provide assistance in running load simulations with your specific building requirements. Contact your Trane representation today to discuss the evolution package that best fits your needs.



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](http://trane.eu) or [tranetechnologies.com](http://tranetechnologies.com).