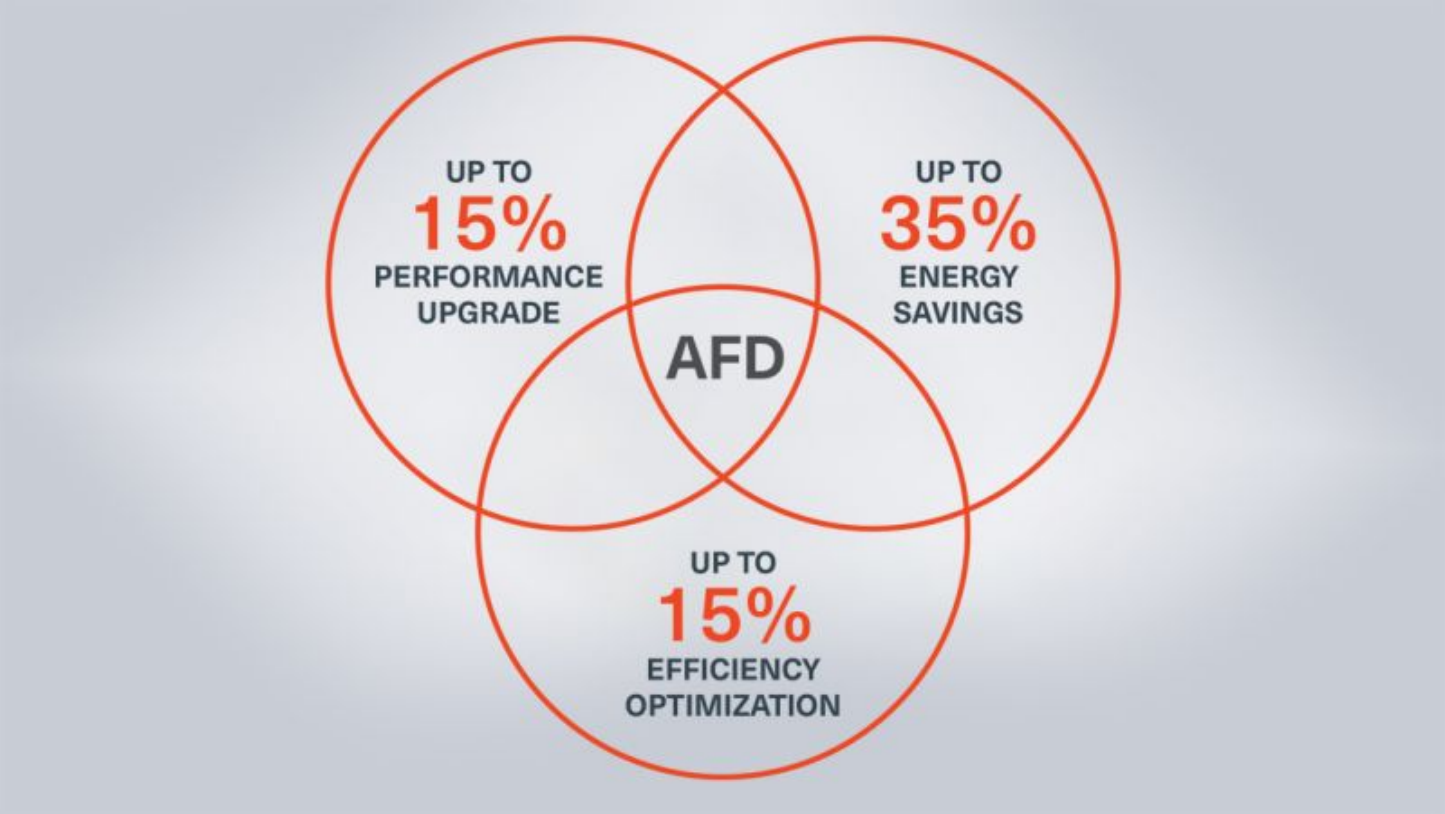
Adaptive Frequency Drive

Ensure the most efficient part load operation possible

TRANE TECHNOLOGIES

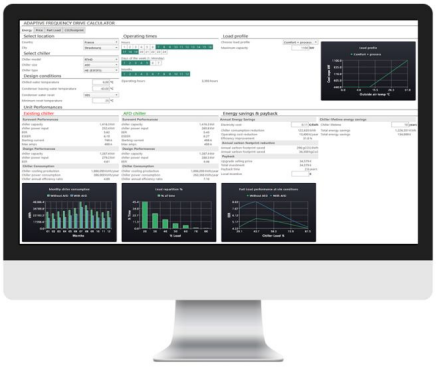
Adaptive Frequency Drive



- **Precise capacity control**
- **Save energy and cut your operating costs**
- **Up to 50% part load efficiency improvement**
- **Reduce start up current by 85%**

Save energy and reduce carbon footprint

Adaptive Frequency Drive (AFD) improves chiller performance by providing safe and efficient compressor motor speed control combined with original unloading capabilities. Achieving energy savings is essential for a sustainable business. An AFD upgrade will cut energy consumption and reduce carbon footprint, leaving you free to focus on your business. Any kilowatt hour not used equates the same amount of CO2 not being consumed, helping you meet your environmental goals.



Improve compressor operation

Compressor durability depends on operating hours and start-stop cycles. Each compressor start creates stress and is equivalent to three hours of operation. AFD will help reduce start-stop cycles reducing wear and tear on the motor. This will increase your compressor reliability.

Preserve your facility

With motor power increasing in industrial facilities, changing the main low voltage board could be the solution for developing your business. With AFD, you can reduce the start current drawn by 85%, making more current available for other materials.

Improve Operations

Technology is continuously evolving and Trane Engineering is ahead of the curve in bringing innovation into product development. Our sustainable solutions deliver enhancements to the Trane installed base to make your chillers and heat pumps even "better than before". That's Trane Building Advantage - TBA.

Trane Rental Services

Cooling and heating are services, not products. A process or a building does not need a chiller or a boiler sitting on a roof, but a reliable and efficiency supply of cold or hot water, cold or warm air. This is the essence of what we do at Trane Rental Services. Let us take care of it for you.

Read more https://trane.eu/rental

Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.

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.*