

Series E™ CenTraVac® Centrifugal Chillers



Highest Efficiency

- Exceeding 10 percent more efficient than any other centrifugal chiller design
 - Direct drive compressor provides 2 to 3 percent better efficiency
 - Multi-stage design with integrated flash economizer drives 5 to 7 percent better cycle efficiency
- The industry's most efficient, low pressure, next-generation, low-GWP refrigerant.
- Duplex™ chiller design utilizing series counterflow arrangement provides the industry's highest efficiency for large tonnage applications



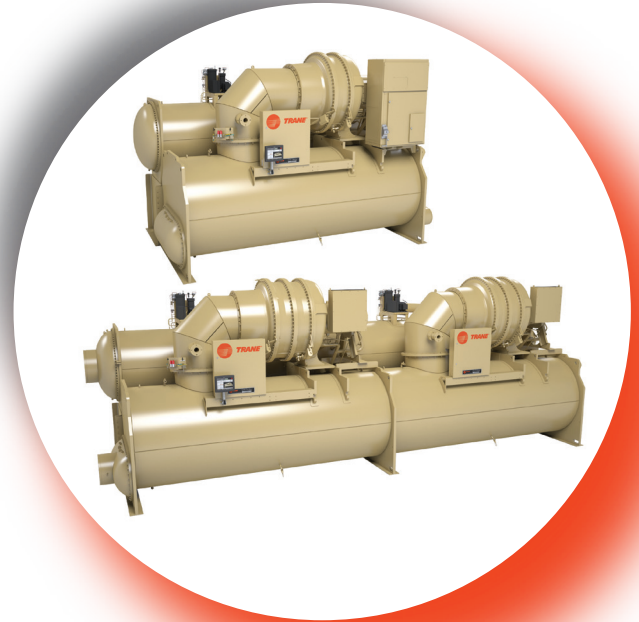
Environmental Stewardship

- Near-zero global warming potential with R-1233zd(E), a next-generation, low-GWP refrigerant that is one of the few non-flammable olefin options available today
- Low pressure, leak-tight design keeps refrigerant inside the chiller
- Patented purge auto-regeneration cycle reclaims refrigerant for return to the refrigerant cycle
- Energy saving options reduce water and heating plant consumption



Most Reliable

- Unmatched direct drive compressor reliability through simplicity of design and fewer moving parts
- Semi-hermetically sealed motors operate in a cool, clean environment to extend the life of the chiller
- Symbio® 800 controller with patented algorithms anticipate and correct situations to keep the chiller online
- Extensive factory testing available to verify operation at customer-defined conditions



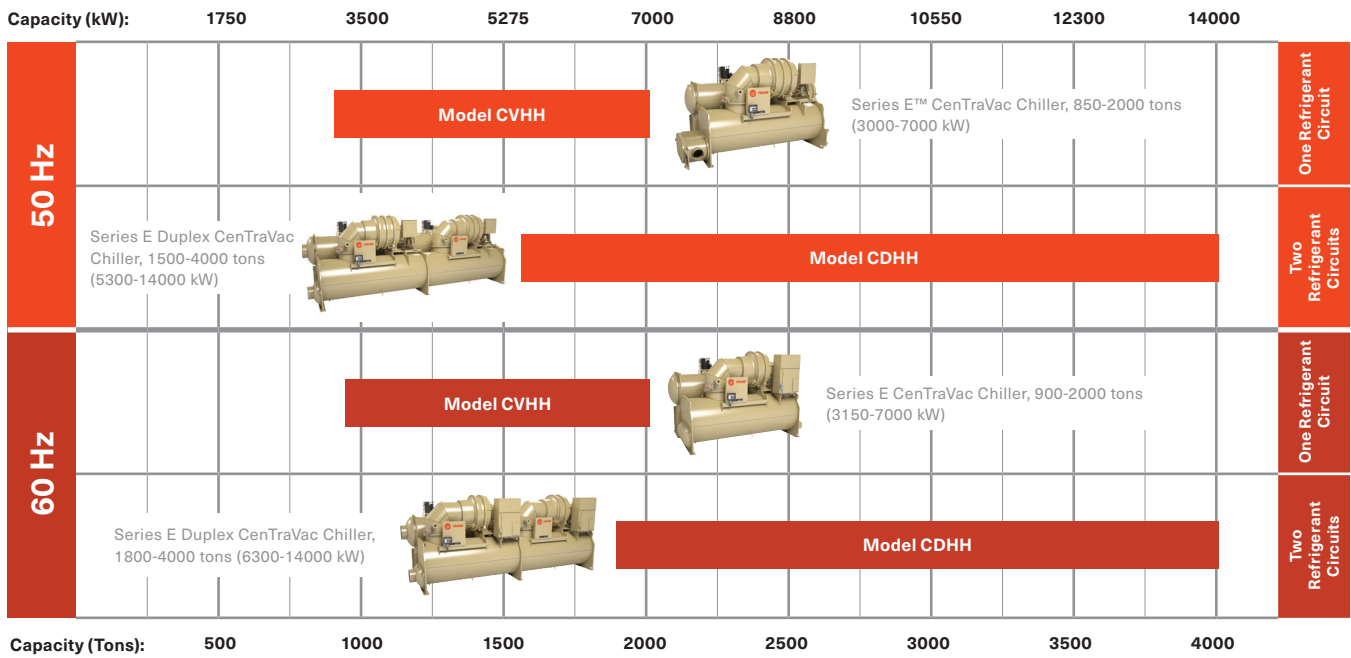
Then. Now. Always.



Proven Technology

- Multi-stage compressor for stable operation under all conditions
- Trane evaporator technology reduces the refrigerant charge
- Symbio® 800 controller enables the chiller to quickly respond to real world conditions
- Energy saving options such as free cooling, thermal storage, heat recovery, heat pump and Adaptive Frequency™ drives

Trane Centrifugal Chiller Product Portfolio



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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