



A full portfolio of solutions for both comfort and process applications

The Trane® chiller portfolio includes centrifugal, helical rotary and scroll compressor models, ranging in capacities from 20 to over 4,000 tons. Regardless of the chiller you choose, you'll benefit from the exceptional efficiency coupled with reliable performance that has made Trane chillers the industry standard for decades.

CenTraVac™ Chillers

The low-pressure, direct drive, multi-stage design enables CenTraVac chillers to be the most efficient chillers on the market — at least 13.5 percent better than other centrifugal chillers. CenTraVac chillers are among the Trane products within the EcoWise portfolio and are available with either R-123 or next-generation refrigerants R-514A or R-1233zd, both featuring ultra-low GWPs of less than two.

EcoWise™

The EcoWise™ portfolio of products is designed to lower environmental impact with next-generation, low global warming potential (GWP) refrigerants and high efficiency operation.

Centrifugal Chillers



CVHE



CVHF



CVHG



CVHH

Capacity

120 to 2,000+ tons, 60/50 Hz

Centrifugal Chillers



CVHS

Series S™ CentTraVac Chillers

Best-in-class efficiencies (full load and IPLV ratings) are enabled by the industry's only mixed flow impeller design and specific speed optimization. Designed to fit through standard 72 x 80 inch double doors, the Series S also delivers industry-leading sound levels.

180 to 390 tons, 60 Hz

180 to 340 tons, 50 Hz



CVHL

Series L™ CentTraVac Chillers

Optimized for elevated chilled water temperature applications, including industrial processes and data centers, the Series L chiller delivers 60°F to 70°F chilled water with up to 35 percent better efficiency, maximum uptime and the lowest cost of ownership.

400 to 1,500 tons, 60/50 Hz



CDHF / CDHG / CDHH

Duplex™ CentTraVac Chillers

For larger cooling capacities, the Duplex chiller extends the proven CentTraVac design to more than 4,000 tons. With a series counterflow design and dual independent refrigerant circuits, the Duplex chiller design reduces energy consumption by ~13 percent over a single-compressor unit, and up to ~19 percent when paired in a series configuration.

1,500 to 4,000+ tons, 60 Hz

1,200 to 4,000+ tons, 50 Hz



The entire CentTraVac chiller portfolio has earned third-party verification with a product-specific Type III Environmental Product Declaration (EPD), confirming that its environmental impacts are the lowest in the water-cooled chiller industry.

Water-Cooled Chillers



RTWD

Series R™ Helical Rotary Chillers

With an infinite unloading compressor design, wide operating temperature range, heat-recovery options up to 140°F, advanced controls and high efficiencies, these chillers can be the perfect choice for tight temperature control in almost any application. This chiller is also available as a condenserless model, RTUD (60 Hz only).

80 to 250 tons, 60 Hz

60 to 250 tons, 50 Hz



RTHD

Optimus™ Helical Rotary Chillers

Built to support a wide variety of applications, the chiller combines enhanced energy efficiency with specialized options like thermal storage, low temperature solutions and heat recovery capabilities for advanced solutions.

150 to 430 tons, 60 Hz

125 to 430 tons, 50 Hz



CCAQ

Cold Generator™ Scroll Chillers

With both traditional and compact models, every unit in this portfolio fits through a standard doorway, featuring an innovative design, sensible serviceability and efficient performance.

20 to 70 tons, 60 Hz



CGWQ

Scroll Chiller CGWQ Series

Quiet, reliable and highly efficient, this water-cooled solution includes Building Management System compatibility and remote unit operation as standard features. This chiller is also available in a condenserless model (CCAQ) for split system applications.

20 to 70 tons, 60 Hz



CICA / CICB

Compact Series Chillers

This chiller offers efficiency, flexibility and serviceability in a smaller package. Each unit can function as a standalone chiller or in an expandable array of up to 10 modules.

20 to 50 tons, 60 Hz

Capacity

Air-Cooled Chillers



CGAM



RTAC



RTAF



RTAE

Air-Cooled Scroll Chillers

Constructed for operation across a wide operating map, these chillers are capable of starting and operating with outside air temperatures from -20°F to 130°F. Perfect for supporting industrial or ice rink applications, they can also deliver 10°F chilled water.

Capacity

20 to 130 tons, 60/50 Hz

Series R Helical Rotary Chillers

Engineered for a lower life cycle cost and reliability through simplicity in design, the Series R chiller offers multiple efficiency options. The advanced controls, versatility and durability of the chiller support a variety of chilled water system types, including variable primary flow and series applications.

140 to 500 tons, 60 Hz

120 to 400 tons, 50 Hz

Sintesis™ Variable Speed Helical Rotary Chillers

Designed for high energy efficiency, quiet and robust cooling performance and sustainable solutions, Sintesis chillers are among the Trane products within the EcoWise™ portfolio, capable of operating with either R-134a or R-513A, a next-generation refrigerant that delivers the same capacity with a GWP 55 percent lower than that of R-134a.

115 to 500 tons, 60/50 Hz

EcoWise™

Stealth™ Variable Speed Helical Rotary Chillers

Powered by AdaptiSpeed™ technology, the chiller delivers the highest combination of part-load and full-load efficiencies and the lowest published sound levels. No other air-cooled chiller can match this kind of efficiency, reliability and sound performance.

150 to 300 tons, 60/50 Hz



myTest™ chiller performance validation

Trane leads the industry with the most comprehensive chiller testing facilities. Testing on an AHRI-verified loop per AHRI 550/590 documents that your chiller's actual performance matches what was predicted on the AHRI Certified selection, while also substantiating the pre-installation quality of the chiller.



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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