



TRANE®



CenTraVac™ Chillers 120-350 ton

Gain superior energy efficiency
from a small capacity chiller

Low tonnage chillers meet high expectations

Small capacity CenTraVac™ chillers from 120–350 ton are ideal for applications that demand steady and reliable cooling—yet don't require a large-capacity chiller.

All CenTraVac centrifugal chillers offer superior energy efficiency and outstanding reliability. Available in a wide range of cooling capacities, from 120–3,950 ton, they also deliver industry-leading environmental advantages.

Environmentally considerate

CenTraVac performance contributes points toward LEED® building certification and helps you meet environmental codes.

Semi-hermetic compressors, paired with low-pressure refrigerant, result in the industry's lowest documented refrigerant emissions rate—less than 0.5 percent annually. Add the CenTraVac power-saving 0.45 kW/ton efficiency into the equation, and it becomes the most environmentally considerate chiller on the market today.





CenTraVac™ chillers consider energy efficiency, cost effectiveness and carbon footprint—resulting in the world's most sustainable chillers.

Most efficient

Regardless of the size of the facility, efficiency matters. Seventy years of innovation by Trane has produced the low-pressure, multi-stage chiller designs that enable the most efficient HVAC systems in the world. In fact, CenTraVac full load efficiency levels average at least 15 percent better than competitive chillers.

Most reliable

Simplicity is the key to CenTraVac reliability. Trane centrifugal compressors achieve the industry's highest design reliability rating of 99.7 percent.¹

Direct-drive chillers have the industry's fewest moving components. They are built without speed-increasing gears and shaft seals, which are both prone to failure and require constant attention to maintain. CenTraVac chillers reduce downtime. Day after day, they'll keep your building cool, comfortable and productive... while simplifying maintenance and saving you money.

¹ Calculated according to the ASHRAE Applications Handbook, "Operations and Maintenance Management."

Chiller options: the right size, the right features

Purchase a CenTraVac™ and it will be uniquely configured to serve your individual needs.

Trane starts with the right size chiller for the job, then adds features and options to fulfill specific objectives.

For example, unit- and remote-mounted Trane Adaptive Frequency™ drives are available to optimize compressor speed to reduce energy usage. Constant speed starters are also available for situations where a variable speed drive is not justified.

Talk to your Trane representative for more information about variable speed drives, heat recovery, auxiliary condensers, ice storage and many other options for your chilled water system. Ask about Trane Services to assure optimal efficiency, reliability and performance throughout the lifetime of your chiller.

LEED is a registered trademark of the U.S. Green Building Council.



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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