

CenTraVac® Centrifugal Heat Pump

Capture waste heat—then boost it higher.



Proven large-capacity units achieve leaving hot water temperatures up to 180°F (82°C).

Trane's agile engineering is fast tracking innovations so that more buildings can electrify heat efficiently and effectively—and replace carbon-producing boilers.

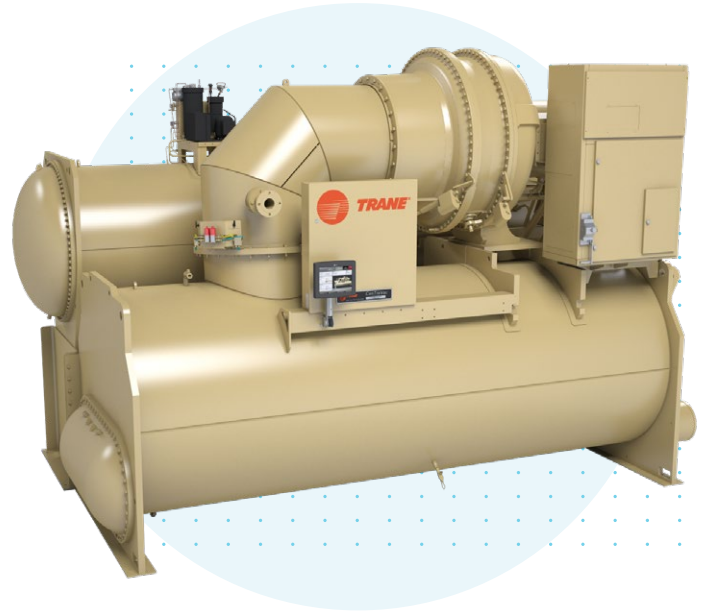
CenTraVac® CVHH-HT (High Temperature Booster)

For reliable large-capacity all-electric heating for comfort and process loads, look to the trusted CenTraVac CVHH chiller—now with heat boosting. This advanced version of Trane's trusted chiller enables you to leverage new and existing district plants to electrify heating efficiently and effectively in more applications.

Comprehensive Chiller-Heater System Approach

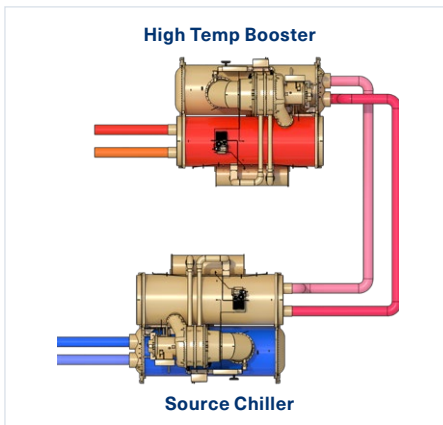
CenTraVac CVHH-HT works as part of an overall system that repurposes waste heat that is reclaimed from building operations. Innovative heat boosting raises leaving condenser water to a new high temperature that was virtually impossible before. Heating electrification is as easy as adding or replacing at least one chiller in the plant with CenTraVac CVHH-HT, while keeping the rest of the system active. Trane optimizes system performance via Tracer® System Chiller Plant Controls sequencing and Symbio® 800 unit controls.

- Source chiller leaving condenser water up to 105°F (40°C)
- Design leaving condenser temperatures from 140°F to 180°F (60°C – 82°C)



You can help us solve electrification challenges.

By putting our engineering minds together, we can speed forward to take carbon out of buildings worldwide.



Unit Details	
CenTraVac CVHH-HT can serve as an efficient all-electric boiler replacement, while providing additional cooling during peak season.	
<ul style="list-style-type: none"> • 11,000 to 35,000 MBH (3,224 to 10,257 kW) • 4,160 V to 13.8 kV 60 Hz 3Phase • Unloading down to 25% for easy plant integration • Low-pressure, low-GWP refrigerant (R-514A) 	

General Data				
Voltage	Length	Width	Height	Operating Weight
4160 V to 13.8 kV	180.3 in.	138.1 in	141.6 in.	79,000 lbs.

Collaborate with Trane. Let's work together to move electrification forward faster.



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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