



Facts about the Trane Duplex EarthWise CenTraVac Centrifugal Chillers

<p>What are the Trane Duplex EarthWise CenTraVac centrifugal chillers?</p>	<p>Trane Duplex™ (dual compressor) EarthWise™ CenTraVac™ centrifugal chillers cool and condition air in a wide variety of commercial building applications. The new expanded line delivers greater energy efficiency and cost savings for applications requiring higher tonnage capacities.</p> <p>The expanded range includes low-voltage, unit-mounted Adaptive Frequency™ Drives (AFD) on chillers up to 3,000 tons and a transformer package that allows these low-voltage AFD chillers to operate in medium-voltage applications.</p> <p>The expanded Duplex chiller range also includes several new options previously only offered with single-compressor CenTraVac chillers. Trane Duplex chillers are the first and only dual-compressor centrifugal chillers in the industry capable of utilizing an auxiliary condenser to recover waste heat and repurpose it for other building processes.</p> <p>Trane Duplex chillers with ice storage are now available in capacities up to approximately 2,500 tons. Duplex chillers with ice storage deliver flexibility in chiller operation and utility costs.</p>
<p>Features</p>	<p>Adaptive Frequency Drives, Transformer Packages Low-voltage, AFD chillers now can operate in high-tonnage applications (up to 3,000 tons). Combined with a new Trane-supplied transformer package, these low-voltage AFD chillers significantly reduce unit and installation costs as well as square footage required (first costs) in applications that would normally require medium-voltage chillers.</p> <p>Auxiliary Condensers Previously only offered on single-compressor CenTraVac chillers, Trane Duplex chillers now feature auxiliary condensers capable of capturing waste heat and repurposing it for other processes like boiler makeup water, domestic hot water, or hot water in laundry, showers or swimming pools.</p> <p>Ice Storage Trane Duplex chillers with ice storage now include capacities up to approximately 2,500 tons and enable facilities to move chiller operation to off-peak hours. Duplex ice storage chillers also reduce the overall energy draw, delivering flexibility in regions with real-time utility pricing.</p> <p>Environmental Product Declaration, Green Seal Certification Trane CenTraVac chillers are the only commercial chillers in the world to have earned an Environmental Product Declaration registration and Green Seal certification under the Green Seal Standard for Electric Chillers.</p>
<p>Benefits</p>	<p>Trane Duplex EarthWise CenTraVac centrifugal chillers deliver energy savings and increased operational and cost efficiencies. An expanded line with new voltage and transformer options on high-tonnage units reduce first costs. Auxiliary condensing and ice storage capability on high-tonnage units further increase energy efficiency and create utility pricing flexibility.</p> <p>Trane Duplex EarthWise CenTraVac centrifugal chillers deliver:</p> <ul style="list-style-type: none"> • Reduced first costs in high-tonnage applications • Reduced energy consumption • Increased energy efficiency • Greater sustainability

Key Markets	Trane Duplex EarthWise CenTraVac centrifugal chillers are ideal for a large variety of building types and sizes, including airports, universities, healthcare facilities, industrial applications, district cooling plants and residences such as dormitories and condominiums, and hotels and casinos.
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