



Series E™ CenTraVac™ Centrifugal Chillers

SERIES E™ CenTraVac™ 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 EarthWise™ 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
- Tracer AdaptiView™ controller with patented algorithms anticipate and correct situations to keep the chiller online
- Extensive factory testing available to verify operation at customer-defined conditions

Proven technology










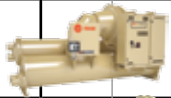


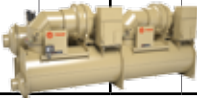


- Multi-stage compressor for stable operation under all conditions
- Trane evaporator technology reduces the refrigerant charge
- Fourth generation microprocessor controller enables the chiller to quickly respond to real world conditions
- Energy saving options such as free cooling, thermal storage,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

Then. Now. Always.

The Series E CenTraVac chiller is only available in select markets.

CenTraVac™ Chiller Product Portfolio

		Capacity (kW):		1750	3500	5275	7000	8800	10550	12300	14000		
50 Hz	Model CVHE		Three-Stage CenTraVac Chiller, 120-500 tons (450-1750 kW)									One Refrigerant Circuit	
	Model CVHG		Three-Stage CenTraVac Chiller, 450-1300 tons (1600-4600 kW)										
	Model CVHL		Series L™ CenTraVac Chiller, 400-1800 tons (1400-6300 kW)										
	Model CVHH		Series E™ CenTraVac Chiller, 850-2000 tons (3000-7000 kW)										
	Model CDHG		Duplex™ CenTraVac Chiller, 1200-2500 tons (4200-8800 kW)									Two Refrigerant Circuits	
	Series E Duplex CenTraVac Chiller, 1500-4000 tons (5300-14000 kW)		Model CDHH										
60 Hz	Model CVHS		Series S™ CenTraVac Chiller, 180-390 tons (650-1350 kW)									One Refrigerant Circuit	
	Model CVHE		Three-Stage CenTraVac Chiller, 120-500 tons (450-1750 kW)										
	Model CVHF		Two-Stage CenTraVac Chiller, 325-2000 tons (1150-7000 kW)										
	Model CVHL		Series L CenTraVac Chiller, 400-1800 tons (1400-6300 kW)										
	Model CVHH		Series E CenTraVac Chiller, 900-2000 tons (3150-7000 kW)									Two Refrigerant Circuits	
	Duplex CenTraVac Chiller, 1400-3950 tons (5000-13900 kW)		Model CDHF										
	Series E Duplex CenTraVac Chiller, 1800-4000 tons (6300-14000 kW)		Model CDHH										
		Capacity (Tons):		500	1000	1500	2000	2500	3000	3500	4000		



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