

Trane EarthWise CenTraVac Chillers

Why are they purchased more than any other chiller?

When choosing a centrifugal chiller, building owners look for low total cost of ownership and high efficiency with minimal maintenance requirements. They also demand technology that will deliver exceptional performance over the life of the chiller, while ensuring the least environmental impact. That is why Trane® EarthWise™ CenTraVac™ chillers are purchased more than any other chiller.



Scan the code or visit
Trane.com/CTV to see how Trane
delivers what it promises.

The Trane Series S™ CenTraVac chiller with AdaptiSpeed™ technology is the latest in 100 years of innovations from Trane.



Learn more about the Trane Series S CenTraVac chiller with AdaptiSpeed technology!



Highest efficiency

- At least 13.5% more efficient than any other chiller
- Energy-efficient compressor design with low-pressure refrigerant
- Energy saving options include free cooling, thermal storage, heat recovery and variable-speed drives



Lowest emissions

- The only commercial chiller to earn an Environmental Product Declaration according to ISO 14025
- Recipient of three awards from the U.S. Environmental Protection Agency
- Capable of earning more LEED® credits than any other chiller



Most reliable

- Only one moving part supported by just two bearings to minimize maintenance
- Semi-hermetically sealed motor to lock out dirt
- Refrigerant-cooled motor to protect against high temperatures
- Extensive factory testing available to verify operation at specified conditions
- Ten-year parts, labor and refrigerant-loss warranty available



Proven technology

- Direct drive for better reliability with no gears, transmissions or shaft seals
- Multi-stage compressor for stable operation under all conditions
- Low-pressure refrigerant for unsurpassed efficiency, reliability and documented near-zero emissions
- Industry-leading control algorithms for reliable operation

Then. Now. Always.



The Trane Series S CenTraVac Chiller with AdaptiSpeed Technology



Delivering all that Trane® CenTraVac™ chillers stand for — and more.



Technological superiority

The Trane Series S™ CenTraVac chiller is innovation at its best. With numerous Trane patents in place and pending, new technologies enable its industry-leading efficiency, reliability and ultra quiet operation, even at heavily loaded conditions. Quite simply, it is the most technologically advanced oil-free chiller in the world.



Highest efficiency

The Trane Series S CenTraVac chiller features AdaptiSpeed™ technology: the integration of an all-new, specific-speed, direct-drive compressor with our exclusive AFD3 Adaptive Frequency Drive. Together, they deliver best-in-class efficiency.



Proven reliability

Proven in a decade of field testing, the Trane Series S CenTraVac chiller includes multiple design features to prolong component life and reduce maintenance needs—including an advanced bearing system that will outperform any other oil-free system in the industry today.

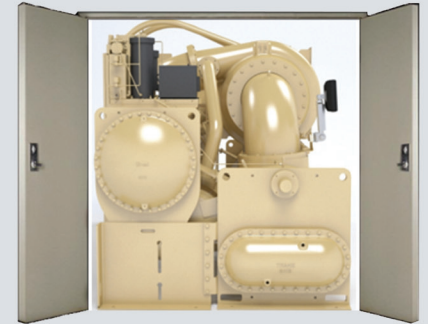


Environmental stewardship

Like all CenTraVac chillers, the Trane Series S chiller's leak-tight, low-pressure refrigerant design combined with its industry-leading energy efficiency makes it the most environmentally sustainable chiller in the world, helping customers earn more LEED® credits.

Compact Size

- Ideal for retrofit or replacement projects
- Fits through a standard 72" x 80" double door
- Bolt-together design for easy disassembly to pass through smaller openings



Ultra Quiet

- Operates at some of the lowest sound levels in the industry ... even at full load

To learn more about the new Trane Series S CenTraVac chiller, contact your Trane account manager.

Then. Now. Always.