

# We are not the only one saying CenTraVac is the best of the best...



The EPA has also recognized Trane.

The United States Environmental Protection Agency (EPA) bestows Stratospheric Ozone Protection Awards to recognize outstanding contributions to the protection of the Earth's ozone layer. "Best of the Best" are selected from previous winners only once every decade.

"In 1992, Trane won an EPA Stratospheric Ozone Protection Award for the groundbreaking energy efficiency of the CenTraVac™ large tonnage air conditioning chiller and its superior performance in minimizing refrigerant emissions.

In the last fifteen years since winning the award, Trane has led the industry in technical innovation and performance that has defined superior environmental performance in the heating, ventilation and air conditioning (HVAC) industry. Through both managerial leadership and technological innovation, Trane has drastically minimized the environmental impact of its centrifugal chillers by developing numerous technologies to detect and prevent refrigerant emissions and to maximize the energy efficiency of centrifugal chillers.

Trane has creatively implemented technologies and strategies to integrate chillers into buildings in efficient and sustainable ways, and has taken a balanced approach to minimize impact on both ozone depletion and global warming. Trane and the CenTraVac chiller have continued the tradition as the technological and environmental leader in the HVAC industry."<sup>1</sup>

—U.S. Environmental Protection Agency

"The Trane EarthWise™ CenTraVac centrifugal water chiller . . . uses an environmentally balanced alternative refrigerant and leads the industry with superior performance, boasting efficiencies of 0.48 kilowatts/ton or better at AHRI-rated conditions and a 'near zero' refrigerant-emissions level. Performance exceeds all other product technologies currently in the marketplace, typically by 5 to 20 percent."

—U.S. Environmental Protection Agency



1998 EPA Climate Protection Award



1992 EPA Stratospheric Ozone Protection Award

2007 Best-of-the-Best Stratospheric Ozone Protection Award Trane:  
For Superior Environmental Performance of Centrifugal Chillers

1. U.S. Environmental Protection Agency, "2007 Best of the Best," [www.epa.gov/ozone/awards/bestofthebest/2007\\_botb\\_winners.html](http://www.epa.gov/ozone/awards/bestofthebest/2007_botb_winners.html) (Accessed 2010).  
\* The only chiller to have field documented emissions rate of less than 0.5% per year.

# Trane is the leader in energy-saving innovation



ALLIANCE TO  
SAVE ENERGY  
Creating an Energy-Efficient World



## Shaping global policy

Trane professionals are taking part in the discussions that will define environmental policies and set new standards for sustainable buildings around the world. Trane employees are sharing our expertise and presenting best practices for high-performance, sustainable building systems that reduce carbon emissions.

In addition to our involvement in the 2009 United Nations Climate Change Conference (COP15), United Nations Environment Program (UNEP) and the Clinton Climate Initiative, Trane professionals and leaders represent the industry to the following global organizations:

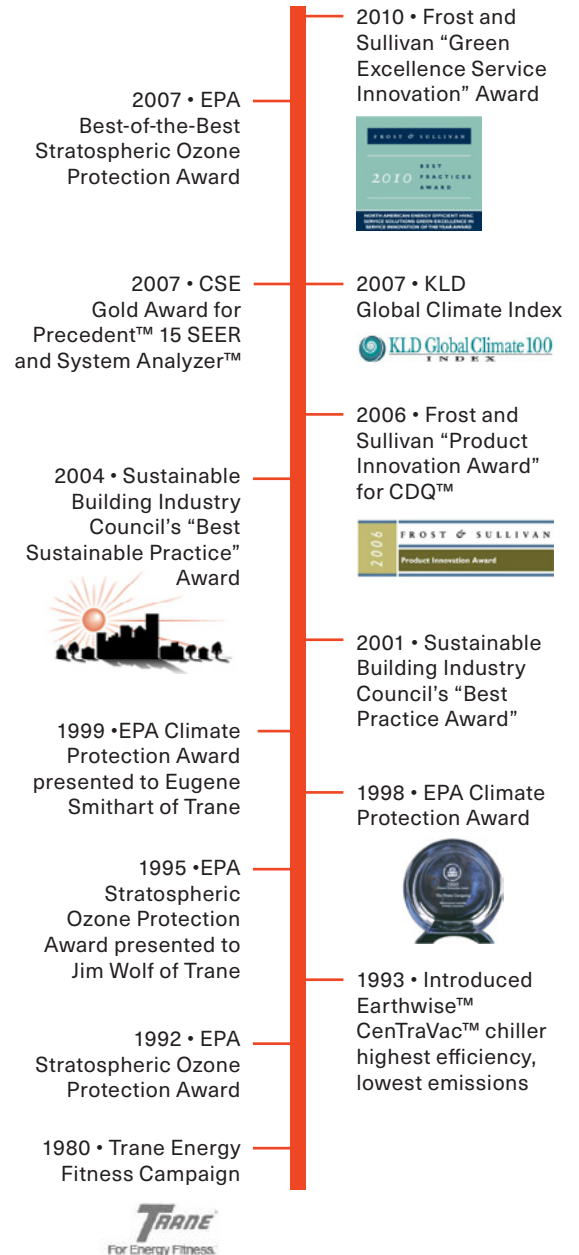
- Alliance to Save Energy
- BOMA
- Energy Star Partner
- Green Seal<sup>1</sup>
- Green Building Initiative (GBI)
- International District Energy Association
- U.S. Green Building Council<sup>2</sup>

1 Meets the Green Seal™ standard for High Energy Efficiency, Low Ozone Depleting Refrigerant and Low Refrigerant Emissions.

2 The USGBC Member Logo is a trademark owned by the U.S. Green Building Council and is used with permission.

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## Working to preserve the environment for over twenty-five years . . .



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](http://trane.com) or [tranetechnologies.com](http://tranetechnologies.com).