

# e1000

All-electric transport refrigeration unit  
for Class 5-7 electric trucks

 **THERMO KING**



**TRANE**  
TECHNOLOGIES



# Decarbonize the cold chain

The wheels are turning on transportation industry electrification. Regulations by the California Air Resources Board (CARB) mandate that 15% of the transport refrigeration unit fleet must be zero emissions by the end of 2023.<sup>1</sup> An alliance of 14 other states and the District of Columbia have plans to mirror CARB goals.<sup>2</sup> Plus, hundreds of companies have defined Environmental, Social and Governance (ESG) goals that require environmental accountability throughout the cold chain.

The Thermo King e1000 all-electric transport refrigeration unit for Class 5–7 trucks is available for order this year. When it's time to start your electrification journey, Thermo King will help you do it your way by offering flexible, scalable and reliable options. Solutions that benefit the planet can be smart for your business, too.

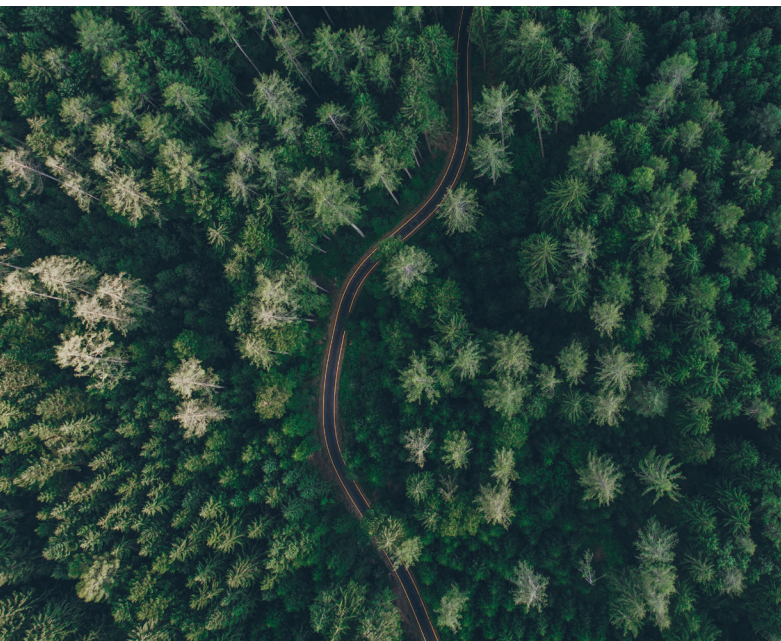
<sup>1</sup>TRU Compliance Information. (2022, October 13). California Air Resources Board.

<sup>2</sup>15 States and the District of Columbia join forces to accelerate bus and truck electrification. (2020, July 14). California Air Resources Board.

## ELECTRIFY WITH CONFIDENCE

Load integrity always comes first. e1000 meets CARB regulations for zero emission TRUs while providing reliable refrigeration for food and other temperature-sensitive goods. It supports truck box sizes from 16–28 ft. in all climates, with fresh and frozen setpoints—with similar

capacity to Thermo King T-1090 units. And, with telematics hardware that comes standard, you can monitor TRU temperature from anywhere. As you move forward with electrification, it's good to know that Thermo King products are as reliable as ever.



## evolve™ ELECTRIC PORTFOLIO

The evolve™ portfolio features a wide range of electric transport refrigeration solutions for truck, trailer, bus, rail and marine applications. The evolve portfolio aligns with customers' goals to transition to more sustainable solutions for their fleets, and will help advance Trane Technologies' 2030 Sustainability Commitments\*, including its Gigaton Challenge to reduce customer greenhouse gas emissions by 1 billion metric tons.

\*<https://www.tranetechnologies.com/en/index/sustainability/our-2030-commitments.html>

# e1000 helps reduce CO<sub>2</sub> emissions



## CREATING OPTIONS FOR EFFICIENCY

- Flexible electric power takeoff (ePTO) integrates easily with multiple OEM electric vehicle chassis
- Minimal battery draw, with reliable cooling from one charge to the next
- Cooling continues as the vehicle battery is charging
- Minimal effect on electric vehicle range

## COMPELLING TOTAL COST OF OWNERSHIP

Outside resources can help make electrification affordable. For example, in California, the Clean Off-Road Equipment Voucher Incentive Project (CORE) may offset the e1000 purchase price by up to 40%—and e1000 is the only TRU for Class 5–7 trucks that currently qualifies. With no diesel fuel costs and no mechanical components to maintain, the e1000 maximizes your return on investment, too.

## WE'RE ALL IN

Thermo King has invested more than \$100 million to introduce all-electric transport products to the Americas by 2025. We're on track to have a low- or zero-emission solution in every segment of the end-to-end cold chain by the end of this year.

## OPERATE RESPONSIBLY

- Reduced mechanical sound and vibrations help to create less noise pollution
- Units use lower global warming potential R-452A refrigerant

## Customer Support

Our dealers are available to support drivers during the transition to electric TRUs.



## e1000 Controller

The easy and intuitive user interface simplifies operation for drivers.



# e1000: Twelve-point checklist

This all-electric transport unit for Class 5–7 trucks meets CARB regulations for zero emissions. It provides everything you need in a reliable, all-electric TRU.

1. All-electric single-temperature unit design provides flexible electric power takeoff (ePTO) integration for connection with multiple OEM electric chassis systems.
2. Capacity to support box size from 16–28 ft., with fresh and frozen setpoints.
3. Cooling capacity comparable to the Thermo King T-1090.
4. Lighter than equivalent diesel units.
5. Reduced sound and vibration compared to diesel equivalents.
6. Shipped with TrackKing® telematics hardware installed and ready to turn on.
7. Standard four-year comprehensive warranty.\*
8. Minimal impact on electric chassis range.
9. Use of lower global warming potential R-452A refrigerant.
10. Dealer training and driver support available.
11. Qualifies for CORE (Clean Off-Road Equipment) funding.
12. Supports cold chain decarbonization.

\*Contact your local Thermo King dealer for warranty details



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938. For more information, visit [thermoking.com](https://thermoking.com) or [tranetechnologies.com](https://tranetechnologies.com).