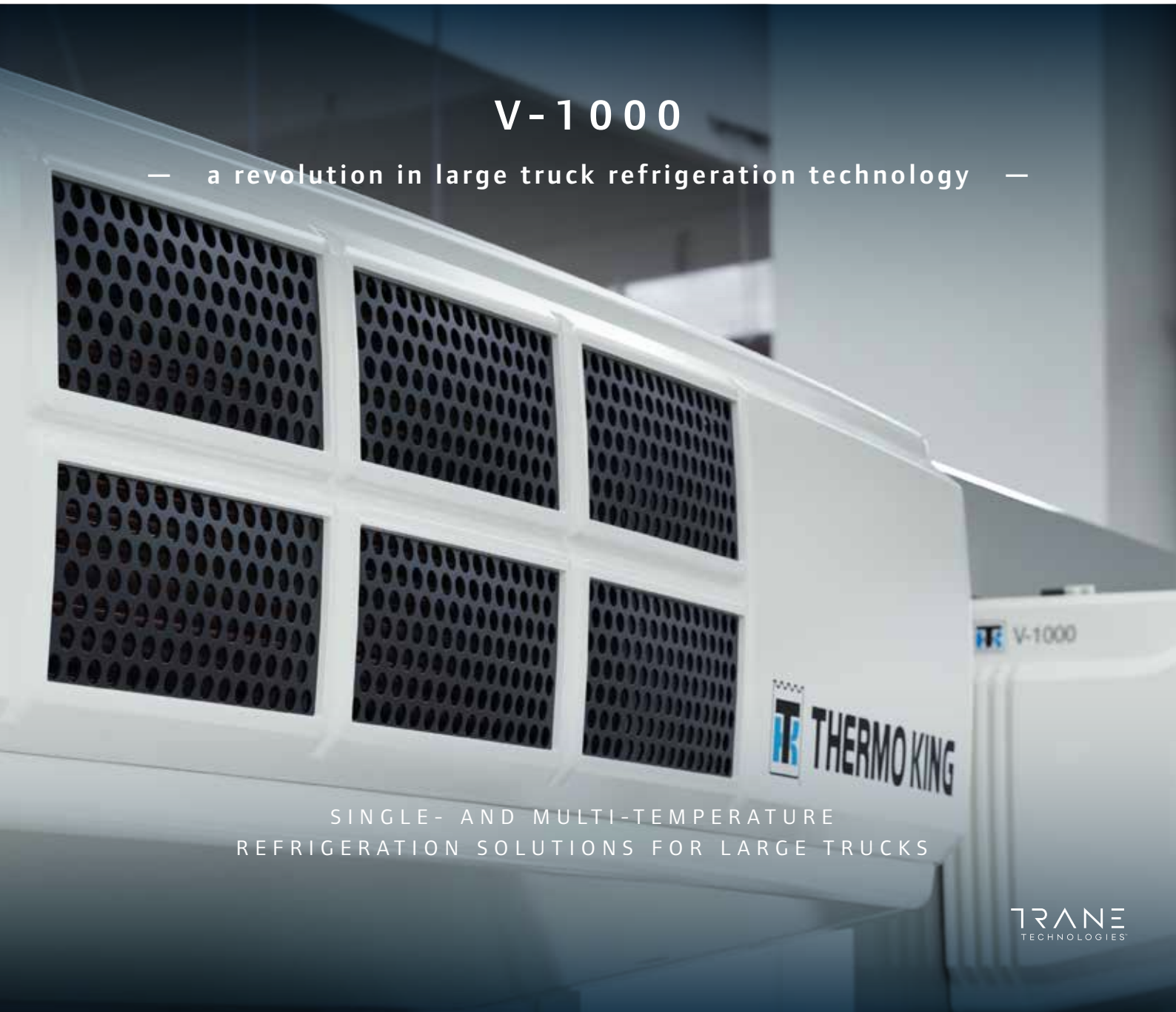




# V-1000

— a revolution in large truck refrigeration technology —



SINGLE- AND MULTI-TEMPERATURE  
REFRIGERATION SOLUTIONS FOR LARGE TRUCKS

TRANE  
TECHNOLOGIES



## Why V-1000?

Traditionally, companies operating larger rigid trucks look at self-powered diesel units. This tradition is about to change. The all-new V-1000 unit from Thermo King easily matches the performance of the leading diesel offerings while delivering the low cost, low weight and compact size of a vehicle-powered unit. If you think that's too good to be true, prepare to be surprised.

### THERE'S A CHANGE COMING

The V-1000 uses a compressor exclusively developed for Thermo King which, when driven by the truck engine produces performance previously unattainable in units of this type. This makes it a competitive initial investment compared to diesel powered unit with equivalent performance. High cooling capacity and high airflow guarantee load protection under the most arduous conditions. Total costs of ownership are driven down by low maintenance costs and low fuel consumption.



— INTRODUCING V-1000:  
MORE CAPACITY  
MORE FLEXIBILITY

The all-new V-1000 is uniquely positioned to satisfy the needs of large truck operators with the benefits of advanced vehicle drive technology when it comes to sustainability, cost control, load protection and productivity.

#### SUSTAINABILITY

Transport solutions not only need to do the job, but do it in a way that minimises environmental impact. The V-1000 is an exceptionally “low-touch” performer, leaving diesel units out of sight when it comes to protecting the world we live in.

**These are just some of the key environmental benefits of this remarkable system:**

- No diesel emissions from the unit
- No CO<sub>2</sub> emissions from the unit
- Low noise when in operation
- Less additional weight on the vehicle
- More cargo carried per journey
- Easily installed on progressive fleets using LNG/CNG or bio-diesel.

#### COST CONTROL

The V-1000 positively impacts Total Cost of Operation (TCO) in these key areas:

- Fuel consumption, the principal cost of operating a refrigeration unit, is at least 54% less than an equivalent self-powered system.
- Maintenance costs including both parts and labour are cut by up to 33% thanks to the absence of a diesel engine.

#### LOAD PROTECTION

Savings and productivity while vital are meaningless if there are any doubts about load protection. The V-1000 features **exceptional performance** which is why it can compete directly with self-powered units and in many cases, even **outperform** them.

#### PRODUCTIVITY

You want units in your fleet that pull their weight when it comes to the key measure of productivity. The V-1000 is an exceptional performer when compared with an equivalent diesel unit:

- Weight is less than half of an equivalent unit, giving savings of 250 kg without standby and 150 kg with standby. This means much more carrying capacity for the vehicle and more revenue for your operation.
- Flexibility is exceptional. The V-1000 comes in single or various multi-temperature configurations. Its compact profile make it ideal for high cabs and it's equally at home with multiple vehicle types including CNG, LNG or Biodiesel. Available in both 12 V or 24 V making it your perfect fit for trucks that range all the way from 3.5 Tn to 25 Tn depending on your application needs.





— V-1000 IMPRESSIVE  
FACTS AND FIGURES:

- 10,000\* W @ 0/30 °C of cooling capacity at high speed position it almost 25%\* more powerful than its nearest diesel equivalent unit(s).
- Even low speed capacity comes close to matching diesel units while standby capacity is a massive 67% higher.
- Airflow, vital for total load protection, is 3,600\* m<sup>3</sup>/hr. That's a impressive 33%\* higher than its nearest diesel equivalent unit(s).
- Heating capacity is 1.3 times higher than its nearest equivalent diesel unit(s).

\* Values to be confirmed by official ATP measurements

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**CONTACT YOUR NEAREST DEALER TODAY ABOUT V-1000**

The Thermo King dealer network boasts over 500 authorized service points in 75 countries that are open and available 24/7.





V-1000



**THERMO KING**

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.

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