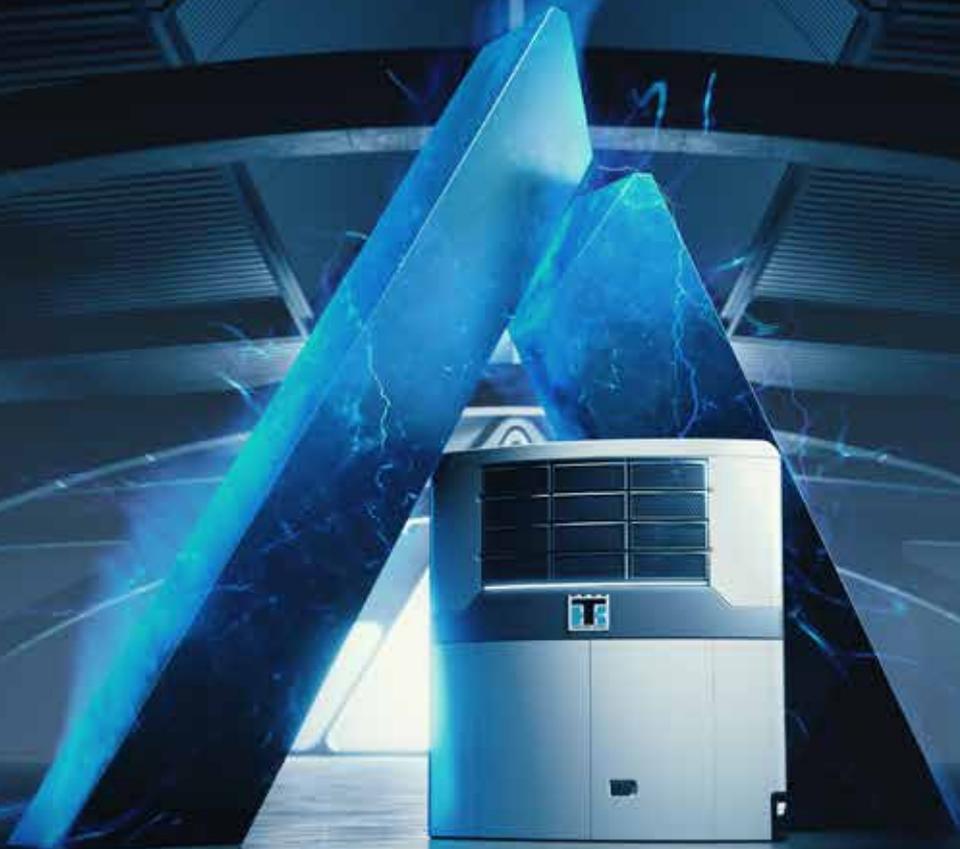


A D V A N C E R <sup>TM</sup> 

ALL-ELECTRIC, ALL-ADVANCER

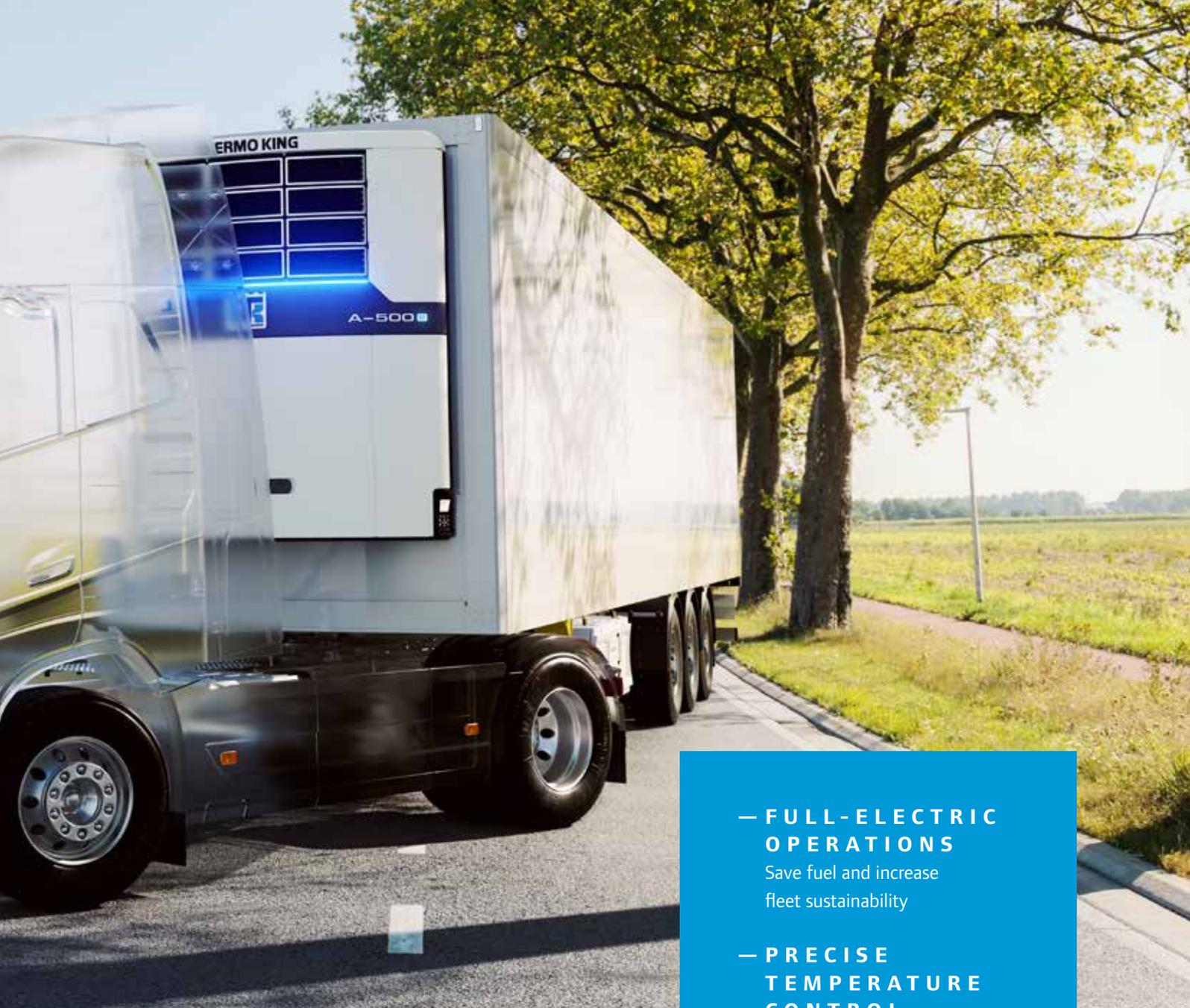


SINGLE-TEMPERATURE ENGINELESS  
REFRIGERATION SOLUTION FOR TRAILERS

# Uncompromising reliability. Zero emissions.



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<b>YOUR SUSTAINABLE, ALL-ELECTRIC FUTURE</b> The effects of Advancer—e on your fleet	<b>P. 4</b>
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**Advancer is a landmark in trailer refrigeration. More sustainable, more efficient, more powerful. Now, Advancer—e takes that promise and lets it evolve. All the benefits and characteristics of Advancer, with 100% engineless operations.**

Compatible with alternative power sources, fully emission-free, and extraordinarily efficient, Advancer—e has it all. This engineless Advancer is the first step towards full electrification and a cleaner, more sustainable future for trailer refrigeration.

— **FULL-ELECTRIC OPERATIONS**

Save fuel and increase fleet sustainability

— **PRECISE TEMPERATURE CONTROL**

Accuracy up to 0.5°

— **VARIABLE AIRFLOW**

Airflow independent of engine speed for precise temperature control

— **HIGH TEMPERATURE RECOVERY**

Recover from door openings quickly and protect cargo on the road

— **FAST PULLDOWN**

Get to temperature 40% faster



# Your sustainable, all-electric future

**Advancer—e is not just a fuel-efficient choice - it is an investment in your fleet's flexibility and a more sustainable future. Give your trailer fleet power on both the inter-regional roads and the suburbs with an engineless design, cut back on fuel, and get in early on the all-electric future.**

Thanks to its engineless architecture, the Advancer—e operates completely emission-free, granting your fleet access to Zero Emission Zones without worry.

Each unit can **reduce your fleet's carbon footprint by up to 10 tons of CO<sub>2</sub> per year\***. A low GWP refrigerant reduces the environmental impact of the unit to an absolute minimum.

## — LOW NOISE

No engine means reduced sound, perfect for urban and late-night deliveries

## — LIGHTWEIGHT

Absence of an engine results in lower total weight of the vehicle, which means reduced fuel consumption

## — ZERO-EMISSION

Emission-free refrigeration and efficient energy use lets you dramatically reduce your carbon footprint and fuel consumption

\* can vary depending on usage profile and ambient conditions

# Compatible with multiple power sources

Advancer—e is truly futureproof. The trailer refrigeration unit is fully compatible with conventional and alternative power sources like AxlePower, EnviroDrive and BE-Tech. Advancer—e is also compatible with future power sources such as hydrogen fuel cells.

## AXLEPOWER

**Power your unit with energy recovered and stored by an axle and battery pack**

A smart power recovery system that lets you run your cooling unit with recaptured, zero-emission energy, generated by your vehicle's axle.



## ENVIRODRIVE

**Alternator technology for electrically driven cooling**

Run your electric unit via a high-performance and high-efficiency alternator driven by the vehicle's engine



## BE-TECH

**Energy-e pack and shore power to run the unit 100% electrically.**

No fuel, no emissions.



# TECHNICAL SPECIFICATIONS

## REFRIGERATION CAPACITY

CAPACITY ON ENGINE POWER 0°C	15100
CAPACITY ON ENGINE POWER -20°C	8000

## AIRFLOW

AIRFLOW VOLUME @ 0 PA STATIC PRESSURE - DEFAULT @ PULL DOWN	4500
AIRFLOW VOLUME @ 0 PA STATIC PRESSURE - DEFAULT @ SET POINT	3400

## WEIGHT (INC BATTERY)

MODEL STANDARD	650 kg
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## ELECTRICAL STAND BY MOTOR

VOLTAGE / PHASE / FREQUENCY	400/3/50 460/3/60
RATING	9.3 kw

## SOUND PRESSURE LEVEL (STANDARD UNIT)

ELECTRIC STANDBY	63 db(a)
AIRFLOW VOLUME @ 0 PA STATIC PRESSURE - DEFAULT @ SET POINT	3400

## GENERIC (BOXLENGTH, REFRIGERANT, ...)

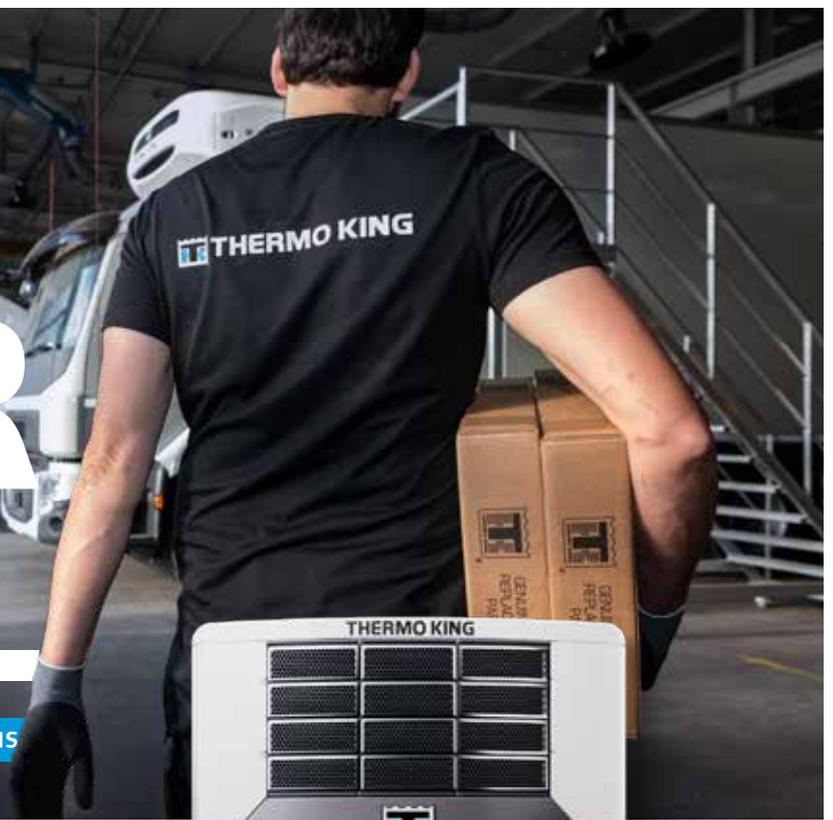
BOXLENGTH	15 m
REFRIGERANT	R-452A
CONTROLLER	A-SERIES

## DIMENSIONS

HOST UNIT HEIGHT	2270 mm
HOST UNIT WIDTH	2076 mm
HOST UNIT DEPTH	440 mm

# MAX YOUR COOL

PERFORMANCE-ENHANCING SERVICES & SOLUTIONS



## TAKE YOUR UNIT PERFORMANCE TO THE MAX

**Thermo King offers a full portfolio of solutions, services and hardware upgrades to help you get the most out of your investment!**

### + MAXIMIZE YOUR UPTIME

Avoid costly downtime and keep your units going and earning for longer.

### + MAXIMIZE YOUR SUSTAINABILITY

Limit your fleet's footprint and save smart on energy.

### + MAXIMIZE YOUR SAVINGS

Reduce service and maintenance costs, and maximize your units' residual value.

### + MAXIMIZE YOUR CONTROL

Monitor and maintain critical cargo quality at every step of your journey.

## MONITOR YOUR BATTERY PERFORMANCE WITH TELEMATICS

Keep an eye on your unit while it's out on the road!

With Thermo King's **Connected Solutions**, you stay updated on every part of your unit, in real-time.

Track your battery performance, and remaining runtime – get immediate notification in the case of problems.

Two-way communication allows you to respond quickly and remotely change settings when needed.

Every Advancer—e includes a **free two-year subscription** to our Connected Solutions service. Included in the purchase price is all the hardware and software needed to get the service up and running from day one.

A D V A N C E R™ 

## ALL-ELECTRIC, ALL-ADVANCER

- **The all-electric Advancer**  
All benefits of the Advancer, now fuel-free
- **Made for the all-electric future**  
Get your fleet ready for tomorrow
- **Compatible with alternative power sources**  
Stay ahead of regulations
- **Enhance unit performance**  
Includes 2 years of Thermo King telematics  
to help manage your battery



DISCOVER THE NEW ADVANCER—E AT  
[TKADVANCER.COM](https://tkadvancer.com)

### 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

For further information  
[europe.thermoking.com](https://europe.thermoking.com)  
[tkadvancer.com](https://tkadvancer.com)

Find your nearest dealer on  
[dealers.thermoking.com](https://dealers.thermoking.com)

TRANE  
TECHNOLOGIES