

A D V A N C E R TM

ALL-ELECTRIC, ALL-ADVANCER



SINGLE-TEMPERATURE ENGINELESS
REFRIGERATION SOLUTION FOR TRAILERS

Uncompromising reliability. Zero emissions.



ALL-ELECTRIC, ALL-ADVANCER

The ins and outs of Advancer—e

P. 3

YOUR SUSTAINABLE, ALL-ELECTRIC FUTURE

The effects of Advancer—e on your fleet

P. 4

COMPATIBLE WITH MULTIPLE ALTERNATIVE POWER SOURCES

Get ahead of future regulations

P. 5

TECHNICAL SPECIFICATIONS

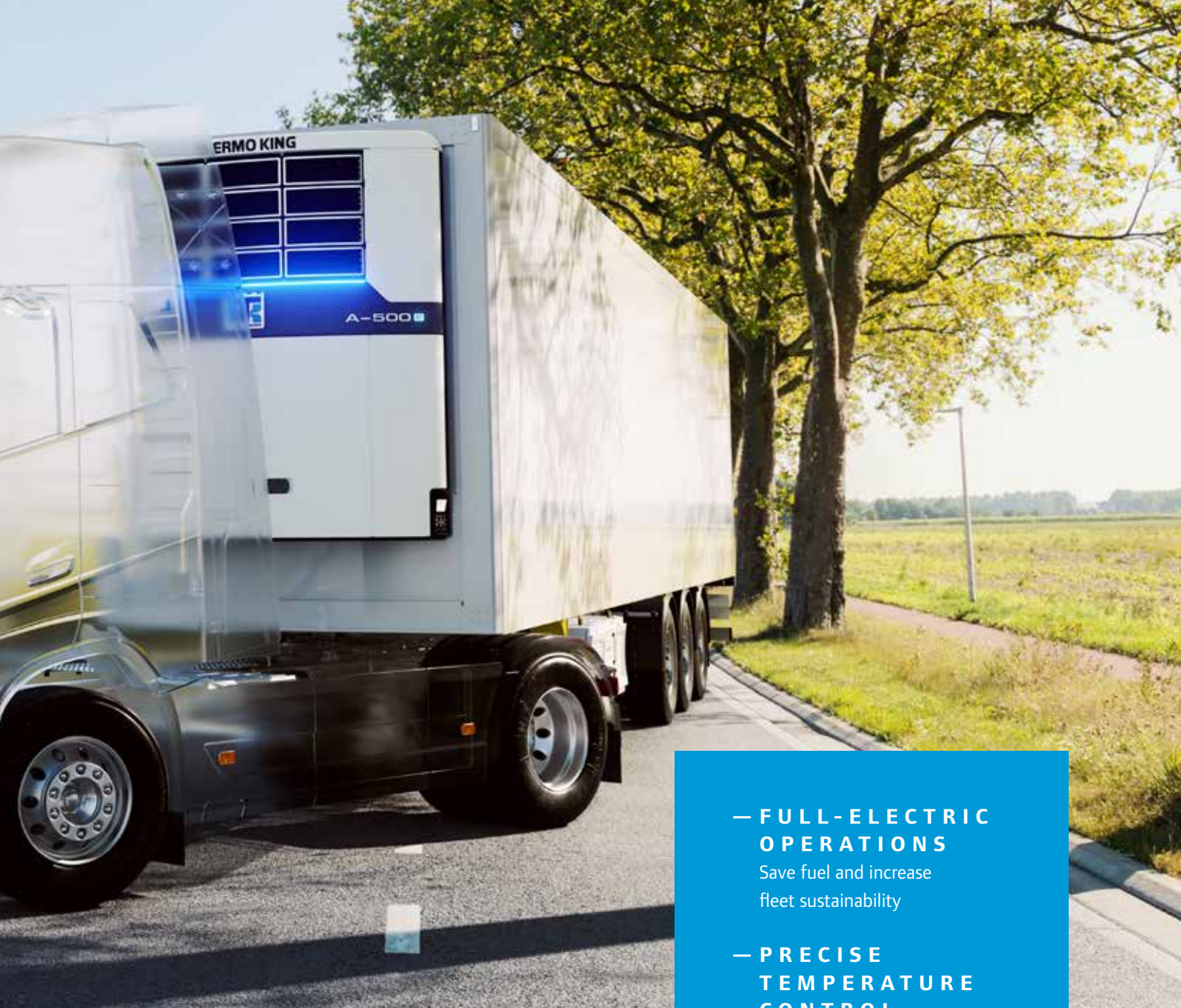
Details and technical information

P. 6

ENHANCE UNIT PERFORMANCE

Services and solutions to get the maximum out of your unit

P. 7



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 CO₂ 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

Energ-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
----------------	--------

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



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
tkadvancer.com

