

E-SERIES FOR SMALL TRUCKS & VANS

The electric edge in urban and inner-city delivery

FULL-ELECTRIC SINGLE AND MULTI-TEMPERATURE
REFRIGERATION SOLUTION FOR VANS AND SMALL TRUCKS

TRANE
TECHNOLOGIES

Content

A new dawn breaks Introducing the E-Series: E-400-e, E-500-e and E-600-e	P. 03
VIP access to urban areas Operational flexibility to conquer the last mile	P. 04
100% electric operations Directly from the vehicle battery	P. 05
Energy efficient at heart Designed to roam further	P. 06
High cooling capacity Compact design, powerful performance	P. 07
A fit for every occasion Three models, three mounting options	P. 08
Daily savings Protect and extend your investment	P. 08
 TECHNICAL SPECIFICATIONS	
Details	P. 10

A new dawn breaks

The E-Series brings the electric edge to urban and inner-city deliveries.

The new all-electric range is designed for full-electric urban transport and is the perfect companion for your battery-powered light commercial vehicles.

E-500-e: THE FLAGSHIP UNIT

The E-500-e embodies the design philosophy of the E-series. Highly energy efficient, lightweight and adaptable to your needs, it is the solution to all your inner-city delivery challenges, and brings powerful electric cooling to the city center!

ALL-ELECTRIC

100% electric operations with easy, hassle-free integration

INNER-CITY ACCESS

Unlock the last mile and urban deliveries with all-electric zero-emission refrigeration



VERSATILE INSTALLATION

Multiple models and mounting options to optimally fit your fleet

HIGH COOLING CAPACITY

Bespoke inverter technology and a brand-new compressor elevate unit performance

ENERGY EFFICIENT

Designed to place minimal demand on your vehicle's battery

E-SERIES

VIP access to urban areas

Operational flexibility to conquer the last mile

All-electric operations mean you are completely compliant with last-mile and inner-city regulations. Day or night, emission-restricted areas, the E-Series is ready to face the challenge.



Last-mile access

- LEZ, ULEZ, and ZEZ
- Diesel-ban areas

100% electric operations

Directly from the vehicle battery

The E-Series is 100% electric and operates directly from your vehicle's battery. That means no additional battery pack or shore connection module.

Leverage the capabilities of smart electric power take-off (ePTO)

Worried about your cargo during stops or vehicle charging cycles? Depending on your e-vehicle type, a smart ePTO keeps your cooling unit running and protects your cargo when your vehicle isn't running.



E-SERIES

Energy efficient at heart

Designed to roam further

Get the most out of your inner city fleet with E-Series enhanced vehicle autonomy. Designed from the ground up, the units are extremely energy efficient.

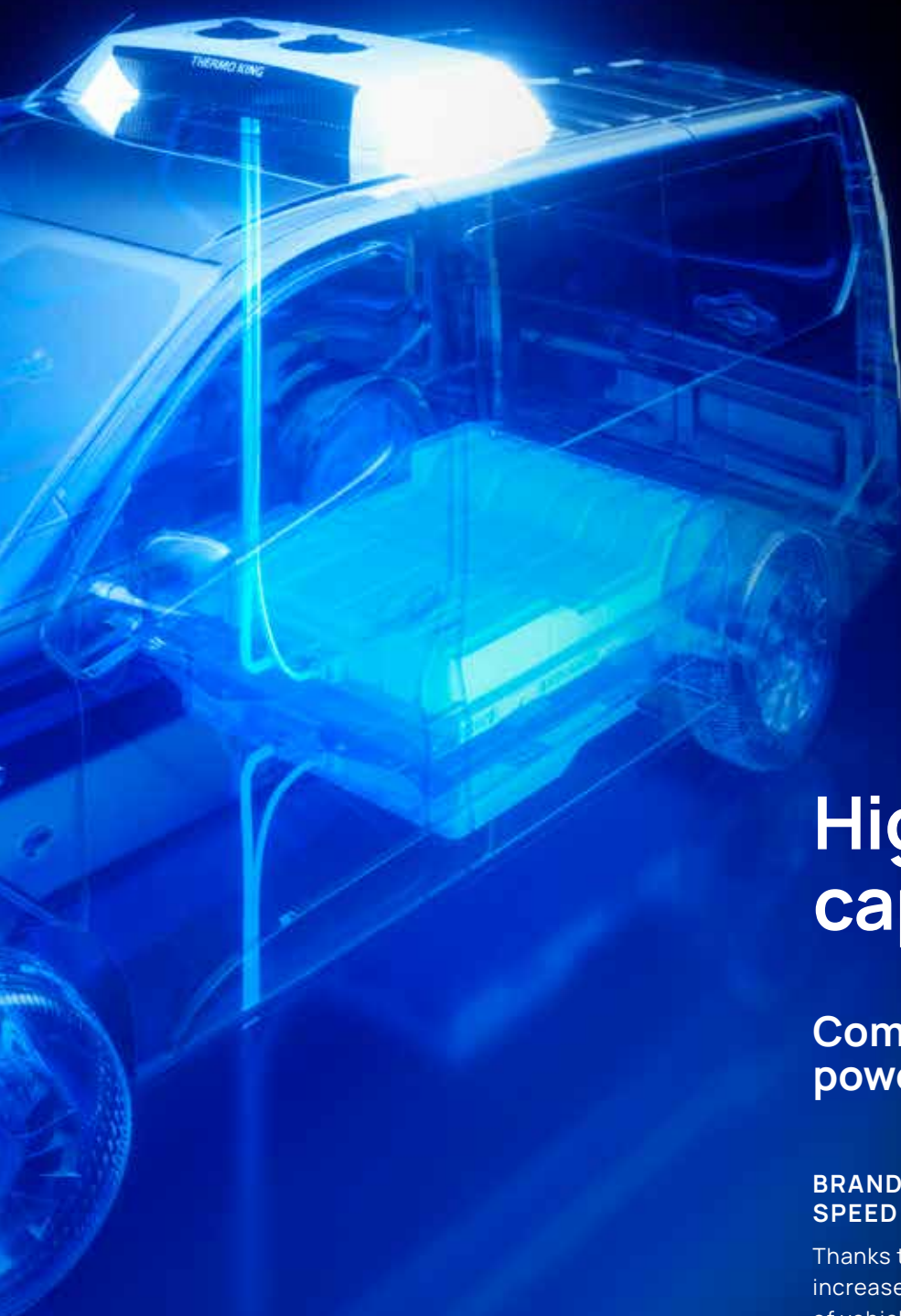
CUSTOM DESIGNED INVERTER TECHNOLOGY

Transfer power from your vehicle's battery to your cooling unit with minimal energy loss

PATENTED POWER CONTROL SYSTEM WITH REAL-TIME COMMUNICATION

A custom-designed control system with constant and real-time data exchange intelligently manages the power exchange between vehicle and unit, for seamless cooperation between the two.





High cooling capacity

Compact design, powerful performance

BRAND-NEW, HIGH-SPEED COMPRESSOR

Thanks to a bespoke inverter, the compressor increases or decreases its RPM independent of vehicle speed. That means the unit has constant, high-capacity cooling throughout the entire journey.

MULTI-TEMPERATURE CAPABILITIES

With an extra evaporator, E-500-e becomes a multi-temp unit. Available in two different configurations: ES150 + ES300 or ES300 + ES300.

A fit for every occasion

Three models, three mounting options

With three models and three mounting options, the E-Series is the perfect fit for any of your electric light commercial vehicles. Panel van or chassis cab? No problem, the E-Series will fit!

Daily savings

Protect and extend your investment

HIGHER DAILY PAYLOADS

Not only is the E-Series extremely compact, but it is also extremely light - about 50% lighter than legacy units. That means less weight and more cargo space with each delivery cycle.

LOWER MAINTENANCE COSTS

Leaner design means fewer parts to wear out. You'll need to perform maintenance less and will be able to sell your unit for more.

POD





ROOF

NOSE

Technical Specifications



MODELS		E-400-e MAX	E-500-e MAX	E-600-e MAX SPECTRUM	
TECHNICAL DATA					
		Single temperature	Single temperature	Multi-temperature	
Evaporator Configuration		ES300 Evaporator	ES500 Evaporator	ES300+ES300 Evaporators	ES300+ES150 Evaporators
Cooling Capacity [W]	0°C/+30°C	3481	4504	-	-
	-20°C/+30°C	1751	2407	2427	2427
Heating Capacity [W]		1600	2209	2209	2209
Airflow [m³/h]		1654	2657	1678 + 1678	1038 + 1678
Weight [Kg] Cond + EVAP		82	89.5	100	96
Dimensions nose mount [mm]		1253x631x276			
Dimensions roof mount [mm]		1312x825x273			
Sound Power [dB(A)]		89			



GAIN MAXIMUM INSIGHT WITH TRACKING TELEMATICS

Keep an eye on your unit while it's out on the road. With Thermo King's TrackKing, part of our **Connected Solutions** portfolio, you stay updated on every aspect of your unit, in real-time. Track performance, keep an eye on temperatures and get immediate notification in the case of problems. **Two-way communication** allows you to respond quickly and remotely change settings when needed.

Every A-Series unit includes a **free two-year subscription** to our Connected Solutions service. Included in the purchase price are all the hardware and software needed to get the service up and running from day one.

- + **MAXIMIZE 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 SAVINGS**
Reduce service and maintenance costs, and maximize your units' residual value.
- + **MAXIMIZE CONTROL**
Monitor and maintain critical cargo quality every step of the way.

Take it to the Max with BlueBox Lite

BlueBox Lite gives you the data you need to make your operations smarter and more efficient.

A data recording device, standard embedded in your unit, registers information on your refrigeration unit in near realtime, thanks to 4G connectivity and high logging frequency.

Once activated you will get information on unit position, alarms, temperature, door opening and you will be able to re-set temperature from afar.

Ask your dealer for more info on our activation and annual subscription plans.

The Electric Edge in urban and inner-city delivery

- **ALL-ELECTRIC OPERATIONS**

100% electric refrigeration,
powered directly by your vehicle's battery

- **HIGHLY ENERGY EFFICIENT**

Custom-made inverter, patented power control system, and real-time communication between vehicle and unit mean minimal impact on your vehicle's battery life

- **VERSATILE INSTALLATION OPTIONS**

Three models and three mounting options so you always have the perfect fit for your fleet

- **ACCESS THE LAST-MILE**

Stay compliant with all last-mile regulations and unlock the door of urban and inner-city delivery



Discover the new E-series at tkelectricedge.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

Find your nearest dealer on
dealers.thermoking.com