



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

<b>A new dawn breaks</b> Introducing the E-Series: E-400e, E-500e and E-600e	P. 03
<b>VIP access to urban areas</b> Operational flexibility to conquer the last mile	P. 04
<b>100% electric operations</b> Directly from the vehicle battery	P. 05
<b>Energy efficient at heart</b> Designed to roam further	P. 06
<b>High cooling capacity</b> Compact design, powerful performance	P. 07
<b>A fit for every occasion</b> Three models, three mounting options	P. 08
<b>Daily savings</b> Protect and extend your investment	P. 08
<b>Technical specifications</b> Details	P. 10
<b>Max Your Cool</b> Performance-enhancing services & solutions	P. 11

## 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 vehicles.

### E-500e: THE FLAGSHIP UNIT

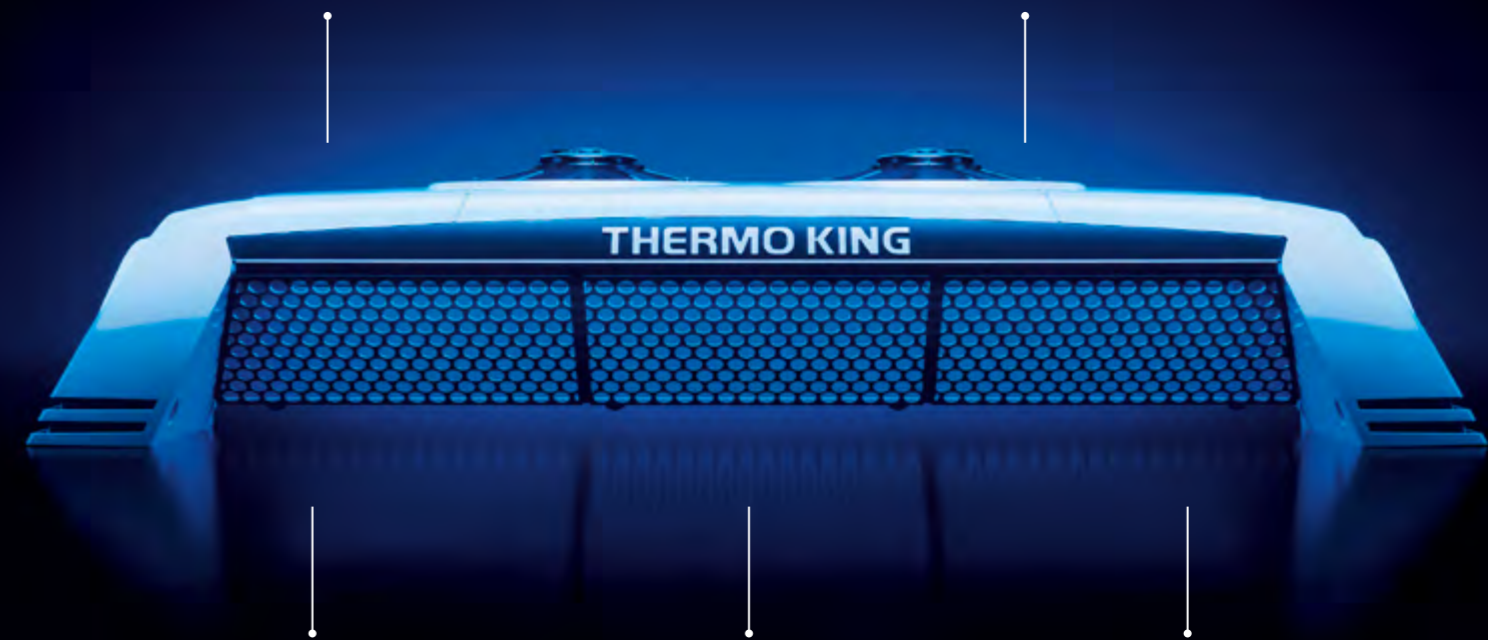
The E-500e embodies the design philosophy of the E-series. Highly energy efficient, lightweight and adaptable to your needs, it is the solution to all your inner-city delivery challenges, and brings powerful electric cooling to the city.

#### ALL-ELECTRIC

100% electric operations

#### 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

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

#### ENERGY EFFICIENT

Designed to place minimal demand on your vehicle's battery

## 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

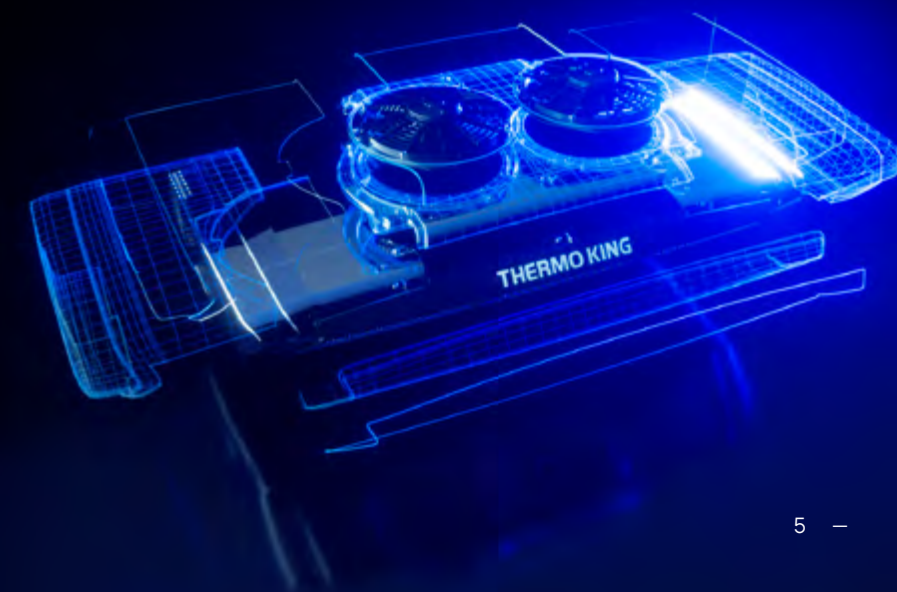
## 100% electric operations

### 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)

Depending on your e-vehicle type, a smart ePTO keeps your cooling unit running and protects your cargo when your vehicle isn't running.



# 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

High-capacity and constant cooling thanks to a brushless, high-speed hermetic compressor controlled by a state-of-the-art inverter. Increase your compressor's speed independent of the vehicle and maintain consistent temperature throughout your delivery route.

### MULTI-TEMPERATURE CAPABILITIES

With an extra evaporator, E-600e 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.

### LESS TO MAINTAIN. MORE TO GAIN.

A lean design minimizes wear parts, lowering upkeep and maximizing residual value.



# Technical Specifications



# Performance-enhancing services & solutions



## GAIN MAXIMUM INSIGHT WITH TRACKING TELEMATICS

Keep an eye on your unit while it's out on the road. With Thermo King's Tracking, 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.

## 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 remotely.

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

- + **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.

MODELS	E-400e MAX	E-500e MAX	E-600e MAX SPECTRUM	
<b>TECHNICAL DATA</b>				
	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 -20°C/+30°C	3 481 1 751	4 504 2 407	- 2 427
Heating Capacity [W]		1 600	2 209	2 209
Airflow [m³/h]		1 654	2 657	1 678 + 1 678
Weight [Kg] Cond + EVAP		82	89.5	100
Dimensions nose mount [mm]				1 253 x 631 x 276
Dimensions roof mount [mm]				1 312 x 825 x 273
Sound Power [dB(A)]				89

# 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



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport climate control solutions. We engineer and provide cutting-edge technology and solutions with sustainability, reliability, and the customer experience in mind. Thermo King has provided transport temperature control solutions for various applications, including trailers, truck bodies, buses, air, shipboard containers, and railway cars since 1938.

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