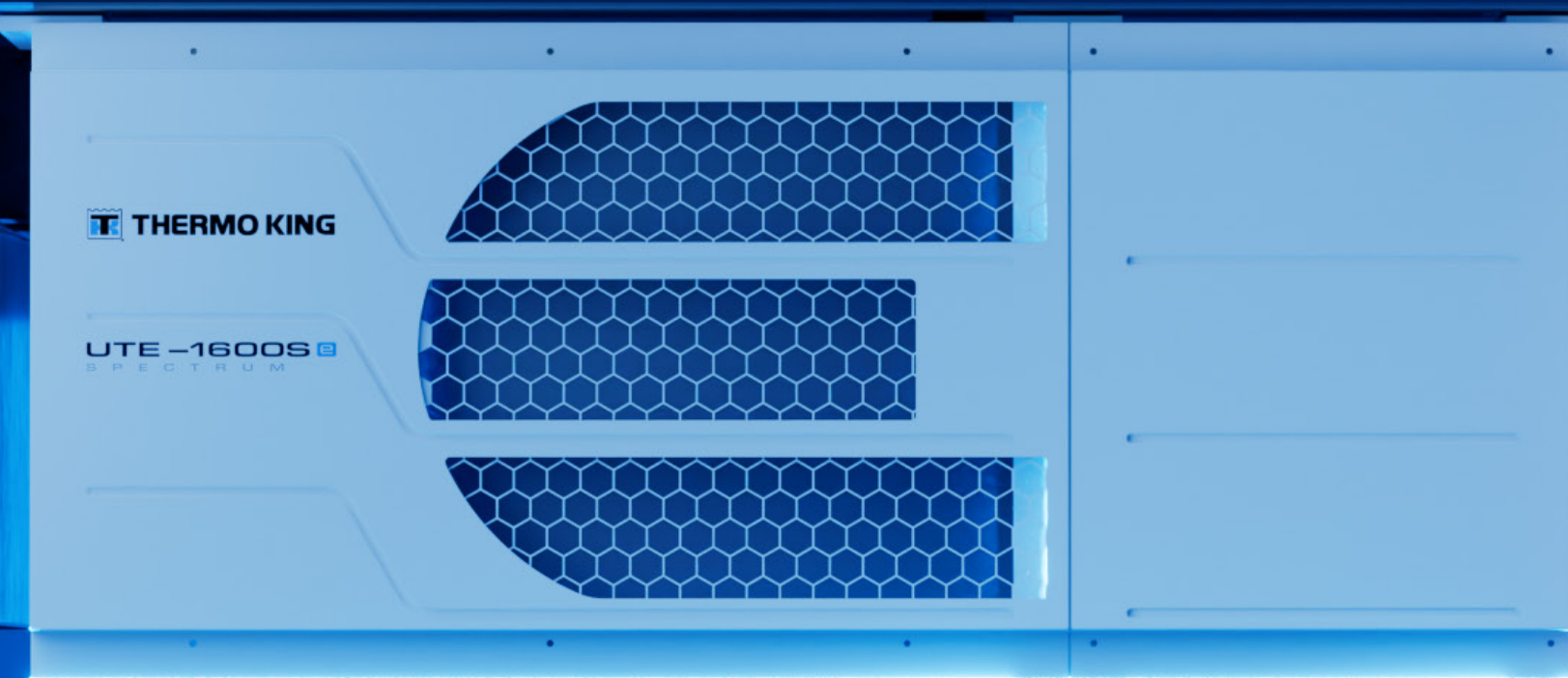




E-Series for Large Truck

# E-Volution Undermount

Undermount, understood.



ALL-ELECTRIC, SINGLE AND MULTI-TEMPERATURE  
UNDERMOUNT REFRIGERATION UNITS  
FOR LARGE TRUCK TRANSPORT

# Content

|                                                                                               |       |
|-----------------------------------------------------------------------------------------------|-------|
| <b>Electric cooling your truck can't resist</b><br>E-Volution overview                        | P. 3  |
| <b>Not every truck needs a nosemount</b><br>Introducing E-Volution Undermount                 | P. 4  |
| <b>Full-electric freedom</b><br>Built for broad compatibility                                 | P. 5  |
| <b>A flexible fix for every chassis</b><br>Overcome space limits with a separate power module | P. 6  |
| <b>Food-first focus</b><br>Made for retail and foodservice transport                          | P. 7  |
| <b>Low-GWP refrigerant</b><br>Reduce full-life cycle impact                                   | P. 8  |
| <b>Technical specifications</b>                                                               | P. 9  |
| <b>Max Your Cool</b><br>Performance-enhancing services & solutions                            | P. 10 |
| <b>Dealer Network</b><br>24/7 support wherever you need us                                    | P. 11 |



# E-Volution

## Electric cooling your truck can't resist

With a wide range of large truck refrigeration systems, the E-Series for Large Truck covers city & intercity distribution.

The entire range is specifically designed to support your fleet's electric transition. These new models **bring the best electric cooling performance to any large truck type**, battery electric or engine-driven vehicles.

With E-Volution, you stay ahead of the curve, thanks to **purpose-built technology** that makes zero compromise on power, efficiency, or reliability. Not just a step, but a leap forward for your refrigerated fleet.

---

### Why E-Volution?

#### **Efficient electric power**

All-electric cooling at the lowest possible energy use.

#### **Broad compatibility**

Compatible with both electric and engine-driven trucks.

#### **Lean design with lower maintenance**

A unique, lean design unlocks lower costs and easier access.

#### **Sustainable by nature**

Reduce and report on your total environmental impact.

#### **Real-time connectivity**

Real-time insights into your refrigeration unit.





## Not every truck needs a nosemount

We understand that.

Whether it's due to height restrictions on your delivery route or because of payload benefits, some conditions push your large truck towards a different configuration. **E-Volution Undermount is built exactly for those realities**, catering to fleets doing inter- and inner-city retail and food distribution.

The design leverages the **all-electric cooling performance of the E-Volution range** and adds the elements necessary for efficient, safe, and sustainable operations.

### New for E-Volution Undermount

#### LOW-GWP A2L REFRIGERANT

Reduces emissions without compromising safety and cooling efficiency

#### LIFE CYCLE ASSESSMENT

Third-party certified from sourcing to end-of-life

#### MODULAR POWER HUB

Separable to solve chassis space limits

# Full-electric freedom

## Built for broad compatibility

The E-Volution range has always been characterised by broad compatibility. Are you an electric vehicle frontrunner? Optimizing your current fuel-driven fleet? All is fair for E-Volution Undermount.

## Power-agnostic architecture matches your truck type and power source of choice.

### ENGINE-DRIVEN TRUCKS (ICE)

#### High-efficiency alternator

Convert engine power into efficient electric cooling, minimizing fuel burn and material wear.

### ELECTRIC TRUCKS (BEV)

High-voltage DC connection  
Draw power directly from the vehicle's battery.

### INDEPENDENT OPERATION

#### E-COOLPAC external battery

Extend power autonomy with a plug-and-play battery pack of up to 105 kWh.

### GRID CHARGING

#### Stationary plug-in

Charge your refrigeration unit from 400V AC shore power, independent of the vehicle.

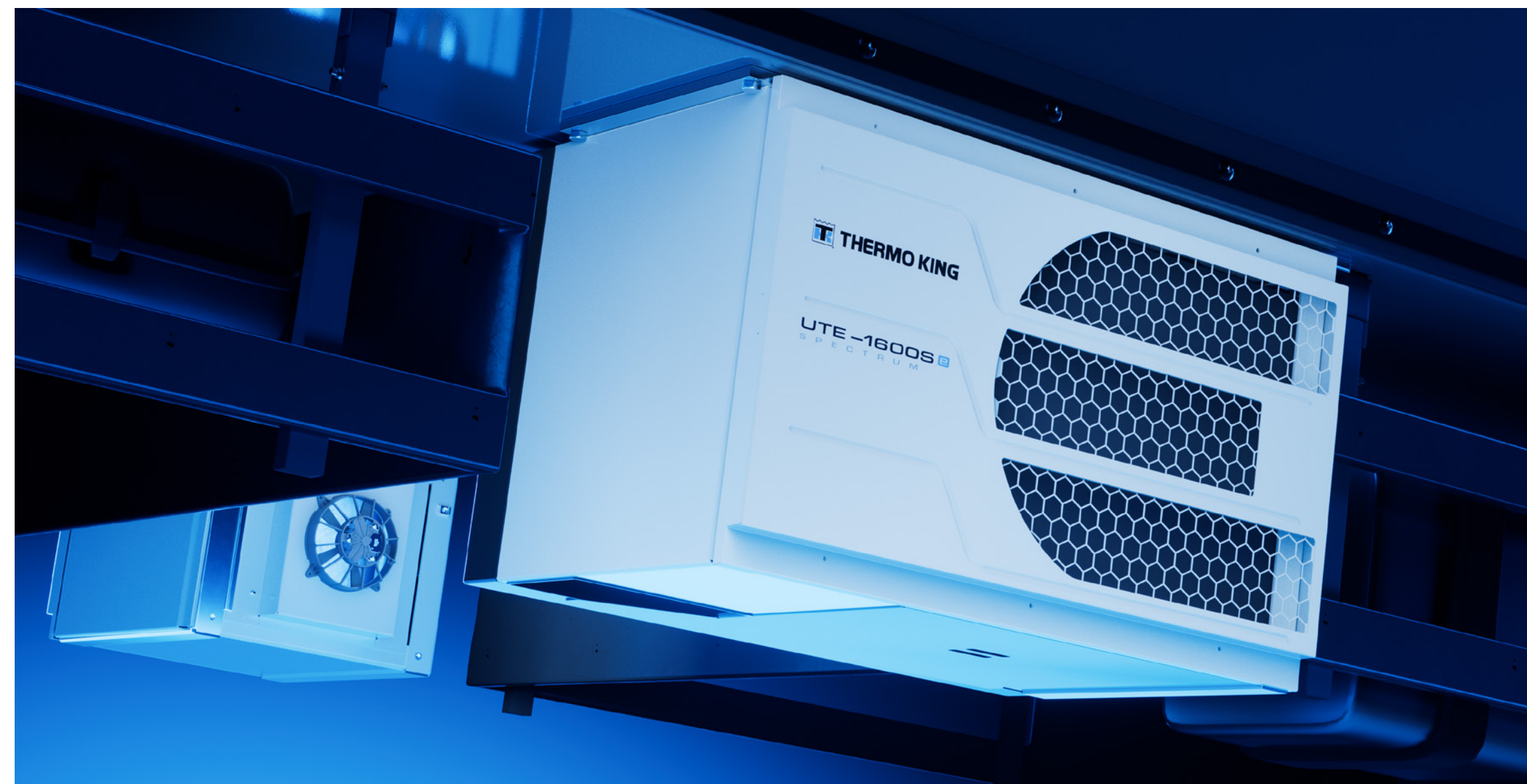


## A flexible fix for every chassis

Overcome space limits with a separable power module

In an undermount configuration, large trucks are often constrained by chassis space limits. Nothing a smart workaround can't solve. Take a close look at E-Volution Undermount, and you'll notice where the **electronics power hub (EPH)** splits from the cooling system.

This **modular design** allows you to **mount both parts separately**, placing the power hub either on the other side or towards the back of the chassis. Performance remains untouched, no matter the configuration or truck brand you prefer.



### AVAILABLE FOR RIGID AND DRAWBAR APPLICATIONS

E-Volution Undermount works on both rigid-only and drawbar or roadtrain extensions. This includes multi-zone capabilities and connections to new and legacy refrigeration systems, maximizing your fleet's flexibility on all levels.

- **New dual-discharge evaporators** ensure precise cooling across 2 or 3 temperature zones.
- **Compact host unit** only needs 1 meter of chassis space.
- Designed with **OEM validation**, keeping future BEV platforms in mind.





## Food-first focus

**Retail and foodservice transport** are the main users of undermount models. In between cities or right into their hearts, E-Volution Undermount brings the **precise, all-electric performance** you need for the demanding flow of fresh and frozen urban deliveries.

---

### RETAIL

Protect your perishable cargo with absolute precision while **maximizing payload value**. With full-electric refrigeration, **fast pull-down**, and low-noise operation, your fleet is ready for the road from dusk till dawn.

---

### FOODSERVICE

Master multi-drop city routes with **rapid temperature recovery** that keeps **2 or 3 cooling zones** at the ideal set points, even when doors constantly open and close.

## Reduce your impact with a new, low-GWP refrigerant

The all-electric architecture of the E-Series already means zero-emission operations, but E-Volution Undermount takes it one step further with R-454A, a brand-new A2L refrigerant. This low-GWP refrigerant drives down emissions even more, reducing the GWP of the unit by up to 90%.

### 90% GWP reduction

versus R-452A

### Safe and sustainable

maximize environmental gains without sacrificing safety

### Untouched performance

keep efficient, high-performance cooling

### Future-proof

get ahead of regulations and avoid higher future costs

## Service as Usual

A2L is classified as a mildly flammable refrigerant and requires extra care during installation. To get your fleet back on the road as soon as possible, we've ensured our workshop teams are fully trained, qualified, and equipped to handle A2L installations safely, quickly, and cost-effectively. With the right expertise and processes in place, we ensure reliable service support with minimal disruption to customer operations.



### WHAT IS LCA?

Life Cycle Assessment (LCA) is a standardized way to measure the environmental impact of a product across its entire life cycle, from raw material extraction to usage to disposal.

### WHY IS IT IMPORTANT?

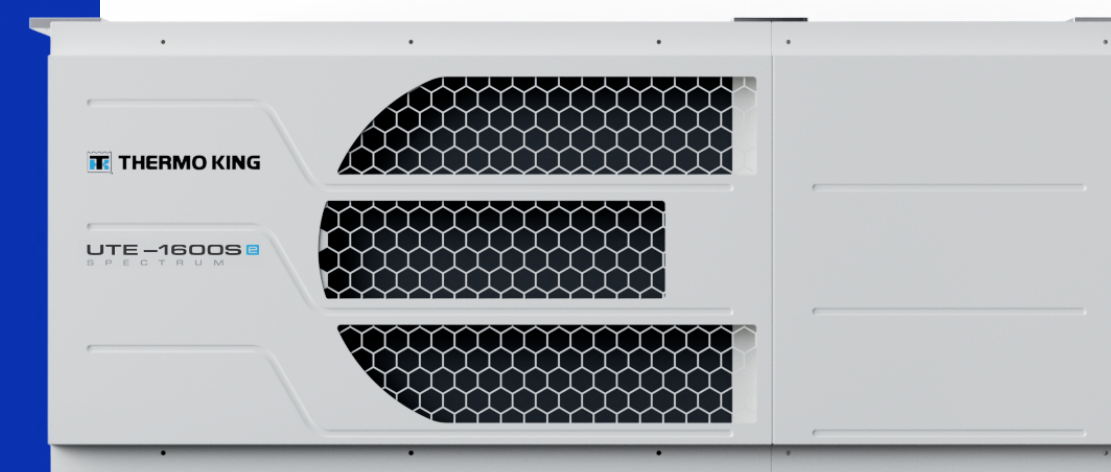
- **Sustainability leadership**  
The LCA certification demonstrates a complete view of your emissions.
- **Actionable proof**  
Turn lifecycle data into clear insights that show exactly where to act and how to reduce emissions.
- **Sustainable innovation**  
LCA highlights opportunities for more sustainable innovation and better product design.

## Full-life cycle impact

What is the actual life cycle impact of E-Volution Undermount? R-454A is a sustainable step forward, but sustainability is impacted by much more than the refrigerant.

In fact, LCA certification shows that up to around 90% of a unit's lifetime emissions come from operation, with fuel consumption as the primary driver. Refrigerant, by contrast, typically represents only 10–20% of total life cycle emissions.

Thanks to LCA, now you know.





## Real-time connectivity

Stay on top of unit performance & health status.

Integrated telematics let you log temperature and monitor your assets around the clock.

Through alarms and recommended actions, both your team and our technicians can perform predictive maintenance, making your fleet's uptime a top priority.

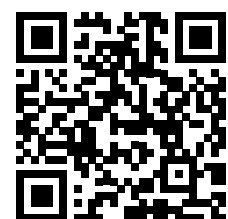
- Standard **2-year telematics** contract included.
- Accurate **temperature logging** (EN12830) through optional TouchLog.
- **Stay on top of E-Volution's energy reports on Tracking.**

## Performance-enhancing services & solutions

Don't settle for less, when you can take it to the max. With a complete range of smart services and digital solutions, Thermo King helps you maximize uptime, sustainability, savings and control all throughout your operations. Keep your unit performance up, and your worries down. All day, every day.

### Looking for your max?

Thermo King's certified dealers are at your service 24/7 and our network is available all across Europe. Visit our website to locate your closest dealer.



Get your max at  
[europe.thermoking.com/  
max-your-cool](https://europe.thermoking.com/max-your-cool)

- + **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





## 24/7 support wherever you need us

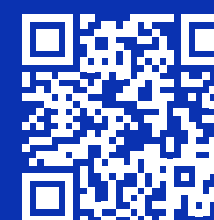
Thermo King's dealer network  
- where complete coverage  
meets expert insight:

- Over **500** authorized **service points** in **75** countries
- **1,400** fully trained and **certified technicians** with Gold, Silver and Bronze Certi-Tech expertise certifications
- Open and available **every day of the year**

---

### MORE DEALER SERVICES

- Emergency assistance
- Service contracts
- Genuine Thermo King parts
- Options and Accessories
- Mobile service
- Calibration and leak testing



Find the support that's closest to you  
with our online dealer locator:  
[dealers.thermoking.com](https://dealers.thermoking.com)



E-Series for Large Truck

# E-Volution Undermount

## All-electric undermount refrigeration units for large truck transport

### THE NEXT E-VOLUTION

Get the highly efficient, all-electric refrigeration from the E-Volution range plus the purpose-built features for your undermount use case.

### BIG PICTURE IMPACT

Prove that you are a sustainable transport leader with A2L low-GWP refrigerant and third-party certified Life Cycle Assessment (LCA).

### REAL-TIME CONNECTIVITY, ALL THE TIME

Integrated telematics let you keep a constant eye on your electric units and vehicles, with critical focus on battery and power data.

### FULL-ELECTRIC FREEDOM

Overcome power, payload, and design constraints and fit BEV, ICE, rigid-only, and drawbar truck applications.

### FOOD-FIRST FOCUS

Meet the demanding flow of fresh and frozen city distribution with multi-temperature capabilities, low-noise operation, fast pull-down, and rapid temperature recovery.

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)

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

Thermo King Europe  
Lenneke Marelaan 6,  
B-1932 Sint-Stevens-Woluwe, Belgium  
© 2026 Thermo King Europe  
TK 80216 (09-2026)-EN