

S-30—e

Sustainable, electric HVAC solution
for passenger comfort

HVAC HEAT PUMP HEATING & COOLING SOLUTIONS
FOR MIDI AND MINI BUSES





S-30—e

The all-electric solution for comfortable, sustainable journeys.

LIVABLE CITIES

Quiet, Comfortable, and Sustainable
The S-30—e all-electric HVAC system is a cornerstone of today's vision for livable cities. Designed with cutting-edge technology, it combines exceptional efficiency, environmental sustainability, and unparalleled passenger comfort.

PASSENGER COMFORT, ANY WEATHER

The S-30—e is engineered to perform flawlessly in even the most extreme weather conditions. Whether facing scorching summer heat or biting winter cold, it maintains optimal cabin temperatures, ensuring a comfortable and enjoyable journey for passengers across the EMEA region.

EFFICIENCY AND SUSTAINABILITY

Designed with a deep commitment to reducing energy consumption, the S-30—e is the perfect choice for minimizing your carbon footprint. Its efficient operation ensures that you can heat or cool your vehicle without compromising on comfort or sustainability.

THE FUTURE OF HVAC

The S-30—e offers a reliable, efficient, and environmentally friendly HVAC solution that sets a new standard for passenger comfort. By choosing the S-30—e, you're not just investing in a product; you're contributing to a more sustainable future.

S-30—e

Electric heat pump solution for unmatched comfort and efficiency.

Our specially designed electric heat pump is the perfect solution for mini and midi buses, rail vehicles, and other special-purpose applications. This innovative technology offers a superior level of passenger comfort while delivering exceptional energy efficiency.

EASY INSTALLATION

Our modular design allows for quick and easy installation, minimizing downtime.

RELIABLE AND DURABLE

Built to last, our heat pumps are engineered for long-term performance and reliability.

HIGH CAPACITY

With a generous capacity, our heat pumps can efficiently meet high demands.

FAST PULL DOWN

Enjoy rapid temperature changes, ensuring optimal comfort for passengers.

PTC HEATING OPTION

Optional PTC (Positive Temperature Coefficient) heating provides additional warmth in extreme conditions.

VERSATILE APPLICATIONS

Suitable for a wide range of vehicles, from buses to rail and special-purpose applications.

HIGH COP (COEFFICIENT OF PERFORMANCE)

S-30—e allows for longer driving ranges and reduced energy consumption.

FLEXIBLE POWER SUPPLY

Compatible with both DC and AC power sources, ensuring compatibility with various vehicle types.



100% electric, 100% compatible.

ZERO EMISSIONS

Ideal for inner-city journeys, the zero-emission S-30—e allows worry-free entry to LEZ and ZEZ.

NOISE REDUCTION

The electric S-30—e runs ultra-quiet, reducing noise pollution and improving quality of life for urban residents.

ENHANCED PASSENGER COMFORT

The ultra-efficient S-30—e meets cooling and heating demands fast while ensuring clean emission-free air and a healthy onboard environment.

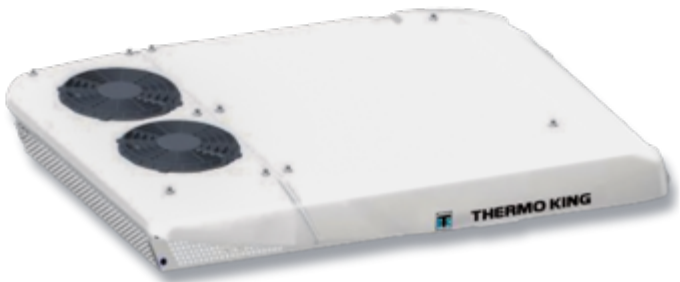
Technical specifications.

MODEL

S - 30 - e

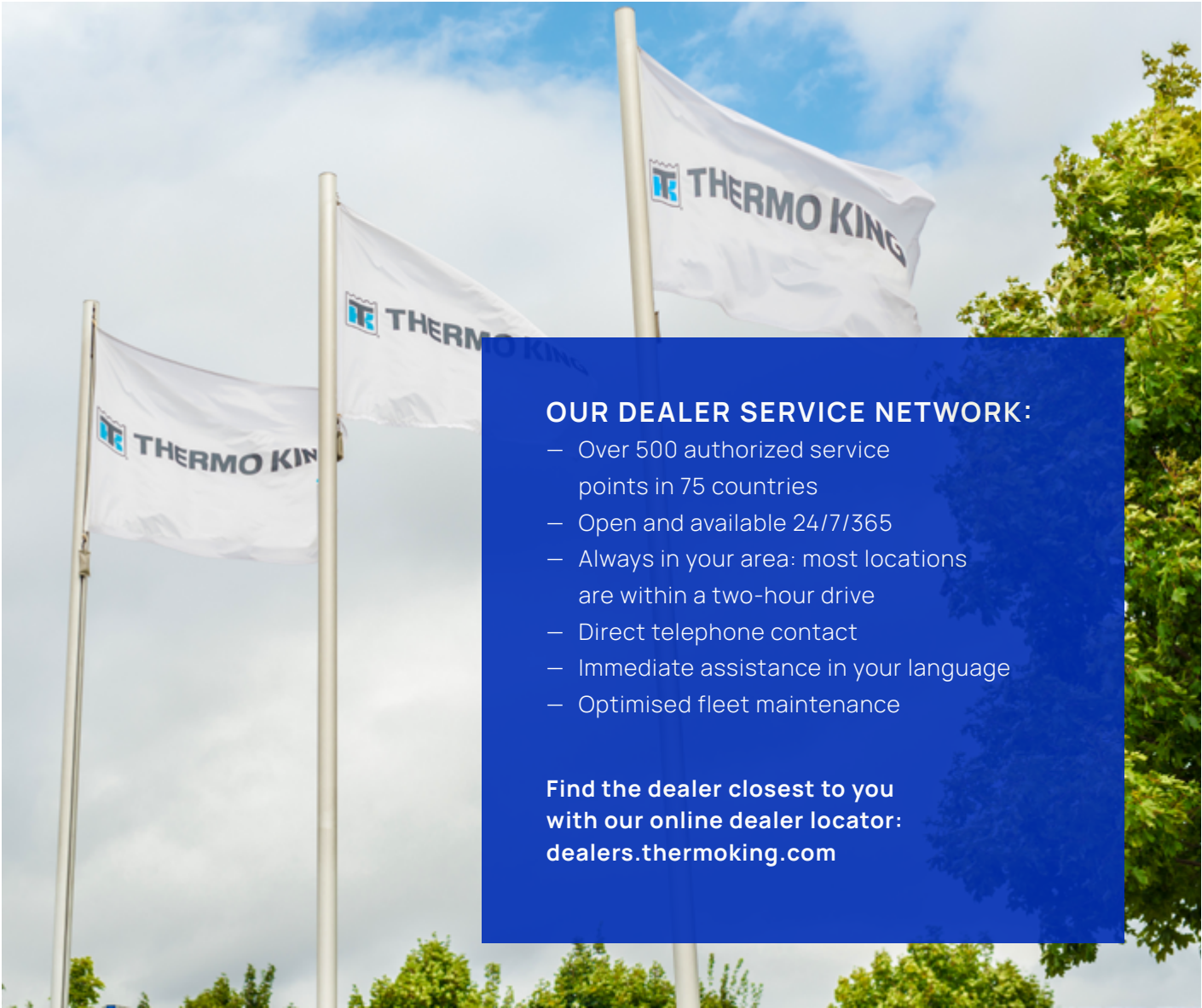
PERFORMANCE		
Applicable model		Special Vehicle
Cooling Capacity	kW	7.0 (24885 BTU/h)
Heating Capacity	kW	6.0 (20473 BTU/h)
PTC Heating	kW	2.0 (3824 BTU/h)
Airflow volume	m³/h	1800
TECHNICAL DATA		
Weight		
Model Standard	kg	85
Dimensions		
Length x Width x Height	mm	1605 x 1070 x 218
System		
Compressor		DC scroll
Refrigerant		R407C
Power supply		
Standard rated power supply	V DC	400 – 720
Optional rated power supply	ph/V AC/Hz	3 ph/416 V AC/50 Hz
Operating temperatures		
Maximum operating temperature	°C	50
Controller		
Standard controller power supply	V DC	24
Optional controller power supply	V DC	12

IMPORTANT
The unit can operate above 300 V DC power supply without impact on capacity, but slight changes are needed in the unit, mainly SW. We can support that based on requirements.



S-30-e

The highest level of energy efficiency, with unrivaled cooling and heating capacity.



OUR DEALER SERVICE NETWORK:

- Over 500 authorized service points in 75 countries
- Open and available 24/7/365
- Always in your area: most locations are within a two-hour drive
- Direct telephone contact
- Immediate assistance in your language
- Optimised fleet maintenance

Find the dealer closest to you with our online dealer locator:
dealers.thermoking.com

S-30—e

All-electric.

LIVABLE CITIES

The S-30—e all-electric HVAC system offers exceptional comfort, efficiency, and sustainability.

PASSENGER COMFORT

Enjoy optimal cabin temperatures in any weather.

EFFICIENCY AND SUSTAINABILITY

Minimize your carbon footprint with the S-30—e's efficient operation.

THE FUTURE OF HVAC

Choose the S-30—e for a reliable, comfortable, and environmentally friendly solution.



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

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TRANE
TECHNOLOGIES

