Ce-SERIES
— extreme temperature capability —

SINGLE TEMPERATURE REFRIGERATION SOLUTIONS FOR SMALL TRUCKS & VANS IN AFRICA AND MIDDLE EAST
Ce-Series

Market leading performance for trucks and vans

The Ce-Series provides the ideal solution for operators delivering temperature sensitive cargo in small vehicles. There are four road-only models to suit vehicle bodies up to 34 m³.

Each model in the range offers superior flexibility not only to its predecessor but also to any of its competitors. The Ce-Series is perfectly suited to the rigorous demands of multi-drop distribution runs, even when the outside temperature reaches extreme highs or lows. Faster temperature pull-down means quicker recovery from door openings and better cargo protection. An all-new in-cab controller ensures easy and error-free operation.

- evolution and expertise
- exceptional performance
- extreme temperature capability
- easy to use, service and repair

Product overview

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<th>EVAPORATOR</th>
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New in the range: C-450e

New product features

- New CSR
- New road compressor (increased robustness and reliability)

New in the range: C-450e, designed for higher performance

- Increasing demand for larger vans and boxes
- Quicker pull-down
- Higher airflow
- Higher capacity
- Higher condensing capacity
- Light and compact condenser section design
- Reduced weight, reduced refrigerant charge
- Increased efficiency and sustainability
- Increased heating performance
- Suitable for extreme ambient conditions
From the operator’s viewpoint, the interface with the refrigeration system must be both intuitive and informative. Thermo King has designed the new, easy to use CSR in-cab to meet these criteria while being smart enough to optimise unit performance and ensure total load protection.

**Features**
- Durable and reliable in extreme temperatures up to 75ºC
- User friendly and compact
- Flexible and modular
- Microprocessor intelligence
- Display protected against moisture
- Soft starting to reduce peak battery demands and increase compressor life
- “Limp home” function to allow operation without any display
- Discrete design to complement vehicle dashboard

**Functions**
- Fully adjustable set point range from 22ºC to -32ºC (R404A)
- Fully adjustable set point range from 22ºC to -10ºC (R134a + Defrost)
- Fully adjustable set point range from 22ºC to 0ºC (R134a)
- Heat, cool and defrost symbols
- Easily understandable symbols and alarm codes
- Manual and automatic defrost
- Hour metres to record operation times
- Battery voltage check
- Optional dashboard mount kit for CSR

**ThermoKare**
- ThermoKare offers a complete selection of service contract solutions to manage maintenance costs and hence total life cost of a unit.

**New TouchPrint data capture**
- User-friendly temperature recorders
- Delivery and journey printouts at the touch of a button
- Approved to EN 12830, CE Mark and IP-65 standards

**TracKing Light**
- An economical and reliable solution to monitor your valuable load. TracKing Light offers you constant monitoring of your cargo temperature or fuel and a direct connection to door switches for increased security. This geo-localization device includes also a 3-axis movement sensor to monitor driver behaviour and extensive analysis and reporting functions.

**TracKing Basic**
- A simple and independent device to track and trace your goods on the move. TracKing Basic with its internal battery records position at street level at regular intervals. This compact but powerful GPRS/GPS device can be installed on any movable asset to prevent theft and misuse.

**Hose Covers**
- Full protection of hoses and cables against climate extremes while on the road. Aesthetically designed and exceptionally durable. User friendly installation. (Only for chassis installations. Not suitable for vans.)

**CSR Dashboard HMI Holder**
- Optional plastic support to locate in-cab CSR controller in an ideal location.

**Snow Covers**
- Designed to protect the unit under extreme weather conditions. The aerodynamically designed covers prevent the accumulation of ice and snow on the fans, which can adversely affect the functioning of the unit.

**Kit Hoses Large**
- Standard kit is equipped with 5 metres long hoses to connect road compressor and condensing section. This optional kit is suitable for larger hose routings (6 metres long).

**Kit Bumper Roof Mounting**
- Standard kit is for nose mount installation. This optional kit includes a number of silent blocks for roof Mount installations.

**Kit Swivel Manifold**
- Standard manifold is straight (fixed position). This optional manifold (swivel) allows connections to compressor to be adjustable.

**Kit Fitting Hoses 90°**
- 90° compressor fittings are optional in the Ce-Series.
Specifications

WARRANTY SUMMARY

Terms of the Thermo King Warranty are available on request. The unit and its components are warranted to be free from defects in material and workmanship from date in service according to the terms (in months) as specified in the Thermo King Warranty. Manufacturer is not responsible and will not be held liable in contract or tort (including strict liability and negligence) for any special, indirect or consequential damages including but not limited to injury or damage caused to vehicles, contents or persons, by reason of the installation or use of any Thermo King product or its mechanical failure.

Unit selection guide

The graphs above are a guide to select the right unit in the new Ce-Series to match your application. These figures are maximum vehicle volumes, calculated on road operation, at 2400 rpm compressor speed and 30°C/40ºC ambient temperature. Recommendations are based on precooled loads and a K value of 0.35W/m²K is used for frozen goods (-20°C) and 0.5W/m²K for fresh goods (0°C and +6°C) for a distribution cycle of 8 hours. Recommendations are not a guarantee of performance as there are many variables to be considered. See your Thermo King dealer for complete information.

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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, please contact:
europe.thermoking.com

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dealers.thermoking.com