



C Series

Guaranteed protection for chilled products.



- An affordable quality solution range
- New user-friendly In-cab Controller
- Minimum maintenance cost
- A model available for every truck size
- Ultra Slim evaporators

The complete product range for chilled applic

The C-series from Thermo King has been developed to provide a complete product range for chilled applications. There is a model available for every truck size, but the same compact condenser is used.

The units have been designed with a temperature preset. In the factory, the units are preset at 3°C, but this may be changed to a value between 0°C and 22°C as suits the customer's application.

The system design is uncomplicated with a minimum of connections. This leads to a shorter installation time and lower maintenance costs.

There is also the reassurance from the world-wide service network. The multi lingual Thermo Assistance service is available 24 hours-a-day, 7 days-a-week.

Another good reason to choose Thermo King's C-Series.

- Suitable for chilled applications



- Evaporator fan runs continuously to ensure product quality



Value through t

NEW



Feature:

- User friendly
- Microprocessor based for higher reliability and accurate control
- Set point adjustment with keypad 0°C to +22°C
- Selection of the temperature scale: °C/°F
- Individual relays for independent control of the loads



- Digital In-cab controller with simple on-off control and temperature preset



ations.

- The lowest maintenance cost



- 24 hour assistance from the best worldwide dealer network



C-Series



- Ultra Slim Ceiling mounted evaporators for increased loadspace

- Built and backed by the world leader in transport temperature control systems

technology






- A model available for every truck size

- Uncomplicated system with minimum of connections and installation time

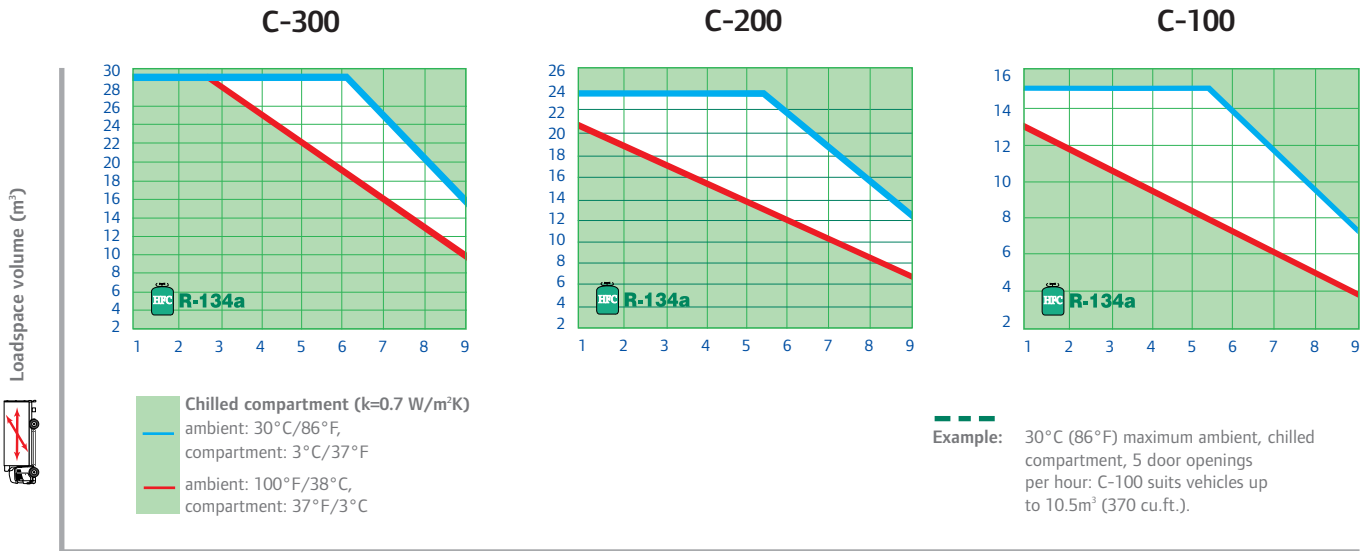



- Large range of approved kits for trouble-free compressor operation

C Series Range


	 Refrigerant	 Small Platform	 Evaporator
C-100	R-134a	✓	ES 100C
C-200	R-134a	✓	ES 200C
C-300	R-134a	✓	ES 300C

C Series Selection guide



 Door openings per hour

C Series Refrigeration capacity

 R-134a		
30°C ambient, European standard.		100°F ambient, U.S. standard.
System net cooling capacity under ATP conditions including 30°C (86°F) ambient.		
C-100 (HFC R-134a Refrigerant) with ES 100C evap.		
Air return / On the road	Watts	BTU/hr
3°C (37°F)	1470	5020
C-200 (HFC R-134a Refrigerant) with ES 200C evap.		
Air return / On the road	Watts	BTU/hr
3°C (37°F)	2410	8225
C-300 (HFC R-134a Refrigerant) with ES 300C evap.		
Air return / On the road	Watts	BTU/hr
3°C (37°F)	3155	10770
System net cooling capacity at 100°F (38°C) ambient and 2400 compressor rpm.		
C-100 (HFC R-134a Refrigerant) with ES 100C evap.		
Air return / On the road	BTU/hr	Watts
37°F (3°C)	4520	1325
C-200 (HFC R-134a Refrigerant) with ES 200C evap.		
Air return / On the road	BTU/hr	Watts
37°F (3°C)	7360	2155
C-300 (HFC R-134a Refrigerant) with ES 300C evap.		
Air return / On the road	BTU/hr	Watts
37°F (3°C)	9635	2825

Specifications

Description

The C-Series Thermo King refrigeration units are cooling systems with vehicle engine driven compressors designed for fresh applications on small truck and vans.

System components

- Condenser
- Evaporator ES 100C, ES 200C, ES 300C depending on the model
- Engine driven compressor
- Installation kit
- In-cab control box
- Vehicle drive kit (on request)

Refrigerant

- HFC R-134a
- Chlorine - Zero
- Refrigerant charge

C-100	0.8kg
C-200	1.2kg
C-300	1.4kg

Compressor (engine driven)

- Number of cylinders: 6
- Maximum recommended speed: 3,000 rpm
- C-100 Displacement - 82 cm³ (5 cu. in.)
- C-200 Displacement - 131 cm³ (8 cu. in.)
- C-300 Displacement - 147 cm³ (9 cu. in.)

Standard Features

- Constant air circulation
- Automatic evaporator defrost by fan

Service Parts and Accessories

Now, you can get the parts, accessories and services you need, where you need them, when you need them, quicker and more efficiently than ever. Recognised as the industry leader, Thermo King understands the importance of immediate parts availability and service performance. That's why we are expanding our aftermarket product line and increasing our service offerings. Our goal is to provide you with the total solutions package to keep your units operating for longer, with less down time.

Replacements Parts

Genuine Thermo King replacement parts are proven time after time to beat the competition in side-by-side testing. Engineered to provide optimal performance and maximum life, Thermo King service parts protect your investment and provide you peace of mind and confidence on the road. Insist on Genuine Thermo King Parts, every time!

For Maintenance

Thermo King offers the highest quality in durable maintenance parts on the market today. All products have been carefully selected and designed to keep your Thermo King equipment operating efficiently and at full capacity for longer. Insist on genuine Thermo King products . . . there is a difference!



TOTAL KARE Service Contracts

Because maintenance costs constitute a key variable in the Total Life Cost of a temperature control system we can offer, through Total Kare, a complete selection of maintenance programs.

Thermo King - Total Kare is the solution for all your concerns about fleet management, offering you a program tailored to your needs. You only have to ask Thermo King Total Kare and we will answer what else we can do for you.



Life Cost Management

- ***** Full Services
- **** Extended Warranty
- ** Preventative Maintenance
- * Central Administration

Your Needs + TK² Advantages = Your Benefits

Anywhere in Europe, 24 hours a day, 365 days a year.



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Defrost

- Evaporator fans run continuously during "compressor off" cycle

Evaporator fans performance

Evaporator fans performance at 0mm (0in) water column external static pressure:

Airflow volume:

- ES 100C: 680 m³/h (400 cu. ft./min)
- ES 200C: 1100 m³/h (650 cu. ft./min)
- ES 300C: 1300 m³/h (765 cu. ft./min)

Electric motors

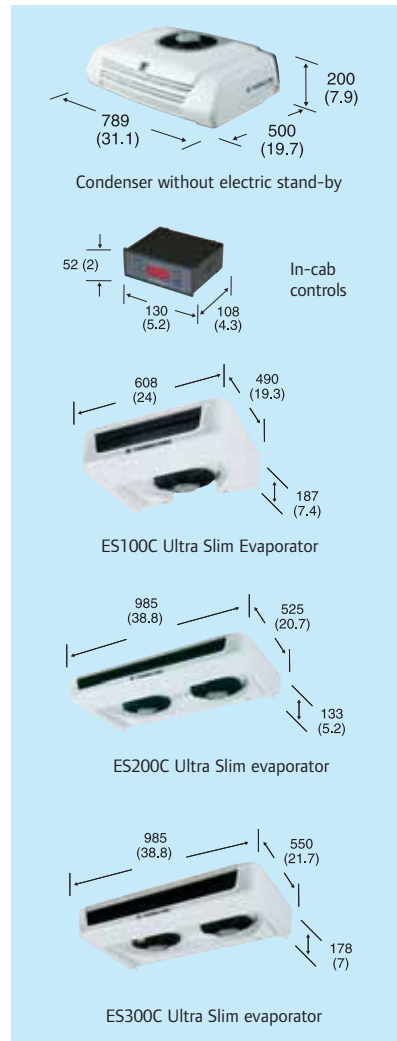
- dc voltage options: 12 Vdc and 24 Vdc
- Total current consumption:

	12 Vdc	24 Vdc
C-100	16A	8A
C-200	21A	10.5A
C-300	21A	10.5A

Weights (approximate)

- Condenser C Series 38 kg (84 lb)
- ES 300C (Ultra Slim evaporator) 18 kg (40 lb)
- ES 200C (Ultra Slim evaporator) 13 kg (29 lb)
- ES 100C (Ultra Slim evaporator) 8.5 kg (19 lb)

Dimensions: Millimetres (inches)



Warranty Summary

Terms of the Thermo King Express 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 Express 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.

Specifications are subject to change without notice.



Providing equipment and services to manage controlled-temperature environments for food and other perishables, our Climate Control Technologies sector encompasses both transport and stationary refrigeration solutions. Our product brands include Thermo King®, a world leader in transport temperature control system and Hussmann®, a manufacturer of refrigeration and food merchandising equipment.

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