



As a member of Trane Technologies (NYSE: TT), the global temperature control system innovator, Thermo King brand was founded in 1938, providing temperature control solutions for various transportation systems

Solutions, including trailers, trucks, buses, sea containers and rail transport, etc., is the global leader in transport temperature control systems. After more than 80 years of innovation and development, Thermo King has

With 7 factories and 3 R&D centers around the world, and more than 900 agents worldwide, it provides high-quality products and services to customers all over the world. For more information, please visit

www.tranetechnologies.cn or www.thermoking.com.cn, or scan the QR code below to follow the WeChat public account "Thermo King Transportation Temperature Control".

Asia Pacific Headquarters (Shanghai)
Floor 8-12, Shangjia Center, No. 99 Xianxia
Road, Shanghai

Global Headquarters (USA)
Address: 314 West 90th Street Minneapolis, Minnesota , 55420

Thermo King Customer Service Hotline

☎ 800-820-2828

☎ 400-820-797 2



Thermo King Intermodal Rail Solution T-1200Rail Helps "Belt and Road"

Powerful refrigeration, rapid cooling / Low fuel consumption, low operating cost / Easy operation, easy maintenance / Quieter operation / Low emission, more environmentally friendly

TRANE
TECHNOLOGIES



Thermo King Intermodal Solutions — T-1200Rail meets your needs...



Focus on railway temperature control for 70 years!

Thermo King - the global leader in transport temperature control, serving customers since 1948. Developing railway temperature control solutions, committed to technological innovation for many years, always Maintain industry leadership.

Thermo King understands your business needs, T -1200 Rail will bring you excellent Superior reliability, and help you save fuel, and maintenance costs, To reduce the total operating cost. Thermo King is at all major stations of the Asia-Europe Railway. There are professional service stations to escort your business operations.



Trustworthy quality

Electrophoretic spraying and machine anti-corrosion varnish

- The frame is sprayed evenly
- Improve corrosion resistance
- Extend unit life
- Improve unit value preservation rate

Green Technology Engine

Green Technology Engine

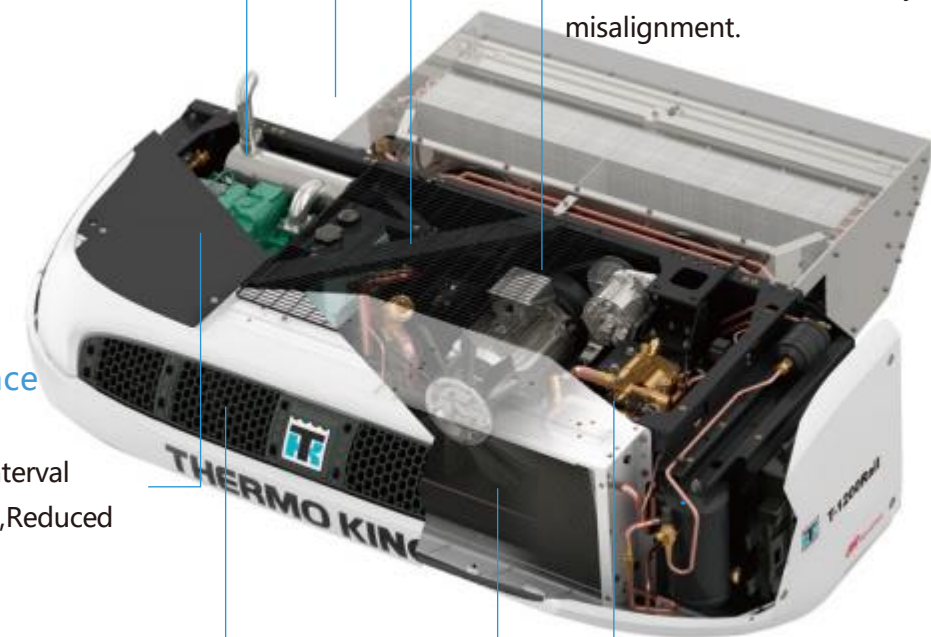
- low emission
- high performance
- life extension
- Maintenance cost reduction

ETV electronic throttle valve

- Achieve rapid cooling
- improve fuel efficiency
- Extend unit life
- Improve temperature control accuracy

Power pack

- Poly - V self-tensioning elastic belt for long service life
- Quiet Channel Technology: Advanced materials eliminate noise usually caused by pulley misalignment.



EMI2000: extended maintenance intervals

- 2000 hours/ 24 months oil change interval
- liquid leakage and waste discharge, Reduced pollution to the environment
- Maintenance cost reduction

Grilles and Enclosures

- Aerodynamic Design Shell
- Removable side door for easy maintenance
- Impact-resistant, in-mold coloring process helps reduce
- Reduces and hides scratches
- Recyclable high-strength, aging-resistant
- Geloy® Engineering Plastics

Coil pipe

- Larger condenser/evaporator, volume
- increase, improve efficiency, reduce noise,
- to adapt to harsher environments
- Operates in ambient temperatures up to 55°C
- Mechanically driven evaporator fan, drop
- low maintenance cost

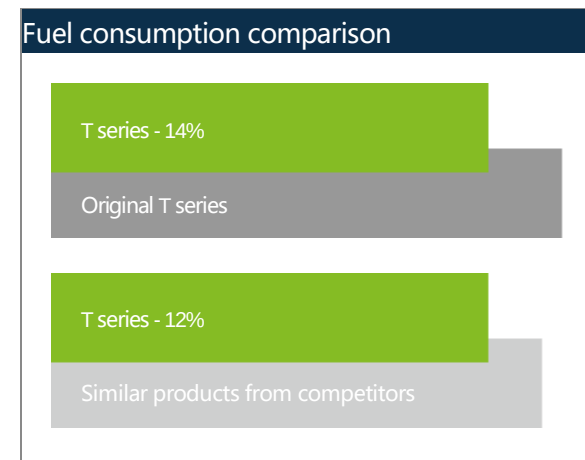
Thermo King Piston Compressor

- Industry-standard highest reliability with easy serviceability
- The compressor's crankshaft bearings extend the machine's service life
- higher volumetric efficiency
- Reliable, time-tested design

Product advantages

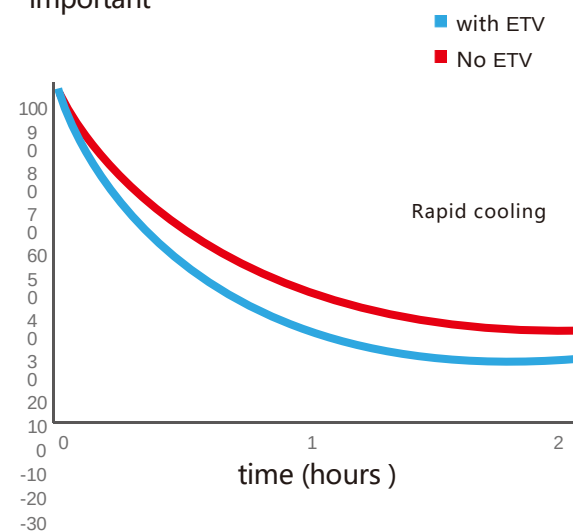
Low fuel consumption, low life cycle cost

- Advanced function management of SR control system greatly improves fuel efficiency
- Cycle-Sentry mode with cycle start and stop to save fuel
- Optional electronic door switch to reduce cargo temperature rise and save fuel
- EMI2000 extends the maintenance interval to 2000 hours, reducing
Waste of oil , filters and coolant reduces maintenance costs



Strong refrigeration

- Operates in ambient temperatures up to 55 °C
 - ETV electronic throttle valve realizes rapid cooling
 - Mechanical evaporating fan, high static pressure, larger air supply
 - Up to 12,500 W of cooling capacity, essential for 45ft centralized box applications
- important



high reliability

- The highest standard of component selection in the industry
 - Use high-power engines to prolong the life of the unit
 - Electrophoretic spraying frame and whole machine anti-corrosion varnish greatly improve the unit's corrosion resistance
- Corrosion ability, prolong unit life



X 430 C5

Easy operation and easy maintenance

- The key information is clearly displayed, which is convenient for real-time understanding of the operating status of the unit
- Service intervals and scheduled maintenance reminders can be preset
- Large maintenance space for electrical and engine components, easy maintenance
- The SR control system records the operating mode and data of the unit, which can quickly and pinpoint failure mode
- USB interface, convenient for data download and software upgrade

more environmentally friendly

- Green technology engine, greatly reducing exhaust and pollutant emissions
- Poly- V elastic belt and honeycomb air inlet design reduce running noise
- Parallel flow heat exchanger reduces refrigerant charge by 33% , reducing environmental impact
- ring
- 99.7% of unit materials can be recycled
- biofuel compatibility



Green Technology Efficient Engine

Heated oil and water filter assemblies

Intermodal fleets are typically long-distance, multinational, interstate applications. Leng Wangzhi It is said that customers will worry about the quality of fuel during use. Leng Wang Zhuan The oil-water filter assembly of patent technology has well dealt with the problem of oil products and solved the problem of solve your worries

Long life reduces filter replacement costs and labor costs

Replacement is done quickly , reducing downtime

High filtration efficiency, can easily drain the water in the fuel

Fuel can be heated at low temperature to improve fuel efficiency

More optional features

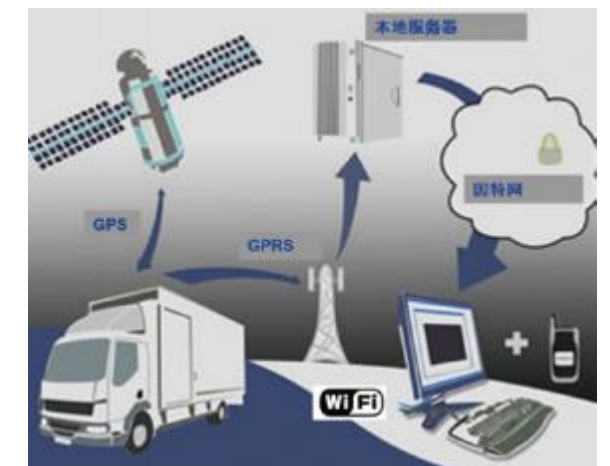
Two-way remote monitoring

As a manager of multimodal transport, it is very necessary to know the real-time fleet and crew information for efficient management. cold king remote monitoring The control system provides the information you need in real time through GPRS and GPS , and help you efficiently manage

- Cargo temperature and humidity monitoring
- Remote on/off unit
- Remote data download and transfer (data logging, graphing functions and download)
- Remotely change the unit' s operating mode, set temperature, etc.
- Real-time fault information, remote clear fault code

Unit running time, engine speed, generator
current, etc. Unit operating parameters
External oil level status, box door open status

New damper open state and remote switch operation



Fresh air function

- Better guarantee the safety of goods
- be controlled by fresh air door switch or remote monitoring

Specifications

Compressor

- Model : Thermo King X430 C5
- Displacement : 492cc
- Lightweight Aluminum Alloy Construction
- High strength forged crankshaft
- Cylinder liner can be replaced
- ringless piston
- Internal gear oil pump

Engine

- Model: TK376 Fuel Direct Injection
- Rated power: 14.6kw
- Maintenance interval: 2000 hours

Air Flow volume

- 3300 m³ /h 0 static pressure)

Cooling capacity

ATP International standard, ambient temperature is 30 °C , refrigerant charge : 3.8kg

Evaporator return air temperature (°C)	Engine drive (W)	electric standby drive (W)
0	12,500	9,250
-20	6,800	5,200

Product size (mm)



Weight : 518kg

Excellent after-sales service

Thermo King invented the world 's first transport refrigeration unit in 1938 . After nearly 80 years of development, a global network of agents has been formed, no matter your Wherever the customer is located in the world , we can provide you with timely and efficient maintenance services.

leader in transport temperature control solutions , Thermo King attaches great importance to the timely supply of after-sales parts and service quality, which is why we continue to expand after-sales Product line and reason for increased repair service. Our goal is to become a total solution provider and provide customers with complete after-sales service. Thermo King provides high-quality repair parts for the aftermarket, and all products are introduced into the market through Thermo King's strict new product development process, which fully guarantees The availability and reliability of Thermo King products in operation. This is what makes Thermo King unique!

Thermo King' s original maintenance parts have undergone strict testing procedures, and the design concept fully considers the market development needs and actual needs of customers to ensure the high efficiency and long life. Thermo King Parts ensures that customers get the maximum return on investment!

Please choose Thermo King original accessories, it will definitely show you Thermo King's advanced design and perfect quality!

Thermo King Asia Pacific and India Agent Service Network

