MARINE AFTERMARKET.
RETROFIT.
RENEW. REPAIR.
RESTORE.
Thermo King has set the world standard in marine container refrigeration ever since we developed the first refrigeration unit over 70 years ago. From ship to shop, by rail or road, moving or in storage, we offer the latest technology in marine gensets and reefers and back them up with the best service support network you can find.

**PERFORMANCE ENHANCEMENT RETROFIT SOLUTIONS**

Aftermarket parts and service aren’t just for maintenance and repair, you can also increase the performance of your existing fleet.

**PROTECT YOUR INVESTMENT**

Our investment in quality and reliability delivers longer-life parts and increased service intervals, keeping your unit on the move and minimizing overall operating costs.

Your investment in Thermo King equipment is best protected by using genuine Thermo King parts, designed specifically for the extreme demands of marine reefer and genset applications.

Ensure that your Thermo King unit remains in top condition and maximize operational cost effectiveness by using genuine Thermo King parts and service, every time.

Marine Reefers and Generators

Renew your fleet affordably with Thermo King performance enhancement kits. We can make your old units look and perform like new.

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RETRO-FIT. FUTURE-PROOF.

The only reefer that surpasses the original, game-changing MAGNUM™ is the MAGNUM PLUS®. Through advanced technology and focused research & development, Thermo King introduced the MAGNUM PLUS® with the MP4000 controller, a new industry benchmark in efficient operation, performance, operability and reliability, designed to comply with the most stringent regulations. The MAGNUM PLUS® integrates with a range of options for increased performance.

Sounds wonderful, but buying new reefers isn’t the right choice for your business? Easy solution: you can convert your MAGNUM into a MAGNUM PLUS® unit affordably for an excellent return on investment.

THE POWER OF THE MP4000

- Increase fuel savings and the operational efficiency of your existing MAGNUM fleet by almost 45% with the patented, energy-saving MP4000 controller.
- Set a new standard in efficiency with advanced options.
- Friendlier user interface with high resolution VGA display, efficient visualization, interactive menus, and soft- and hot-key functions.
- Precise, tight temperature control.
- Lower Total Cost of Ownership with reliable, long-life, solid-state components, and advanced electronics board design.
- Advanced communication capability to interface with advanced telematics systems.
- Expand your options to Smart PIF, AFAM+ Advanced Fresh Air Exchange Management, De-humidification control, and On-demand defrost combined with intelligent timed defrost.
- 100,000+ units in service and years of experience prove extreme reliability in the field.

The MP4000 Performance Enhancement Kit is the retrofit solution that delivers great performance and decreases operation costs while prolonging the useful life of your equipment.
Maintaining the optimal shipping conditions for each specific cargo load allows it to be delivered in its freshest, most desirable state.

Thermo King AFAM+ Advanced Fresh Air Management is a microprocessor-controlled fresh air exchange system that delivers superior temperature control and cargo protection. When desired oxygen and carbon dioxide levels exceed the programmed range, AFAM+ provides "ventilation on demand" to exchange fresh air in response to continuing changes in respiratory gases.

Upgrade your existing MAGNUM PLUS® fleet with the AFAM+ function for:

- Superior cargo protection
- More consistent product quality
- Precise fresh air settings and rate of fresh air exchange
- Up to 50% faster temperature pull down
- Longer shelf life
- Energy savings and fuel savings
- Reduced cargo weight loss
- Fresh air exchange rate, events, pertinent temperature and unit operation data automatically stored in the microprocessor’s memory for analysis.

AFAM+ advanced protection is easy, safe, and cost effective.

- Maximizes refrigeration system efficiency through intelligent monitoring and control.
- Continuously ventilates on demand, according to cargo requirements, to maintain correct O₂ and CO₂ levels.
- Helps assure consistent produce quality.
- The AFAM+ system adjusts its control mechanism automatically and delivers best performance for your container or reefer, regardless of the unit’s age and container leak rate.

A cost efficient alternative to fully controlled atmosphere, AFAM+ takes the guesswork out of fresh air exchange.
Shipping fresh cargo around the world to arrive in excellent condition requires constant monitoring of the cold chain to protect cargo integrity. Thermo King marine telematics greatly reduce the risk of cargo loss and decrease operational and maintenance costs.

Thermo King Marine Telematics solutions for genset units, MAGNUM and MAGNUM PLUS® offer:
• Live data and historical records, safely and easily accessible through a secure web portal.
• Global SIM card for worldwide GPRS coverage in more than 170 countries.
• Secure administrator access.
• Full user support via email and telephone.
• All-in device and communication package for reduced administration.
• Full integration with existing Thermo King MP-3000 and MP-4000 reefer controllers.
• Full compatibility with ISO 10368.
• Compatible with standard local reefer monitoring systems and existing infrastructures.
• Built-in short and long-range wireless communication for real time remote monitoring and software uploads /data downloads.
• Highly tailored, equally friendly reports to any device, with updates around the clock. Easy to use, understand and filter.

Energy-saving software
Imagine your MAGNUM MP3000 using a patented technology to achieve better energy savings through adaptive refrigeration control algorithms, compliant with ISO1496, like the MP4000 MAGNUM. It’s not a dream. These benefits and operating cost reductions are now available for your MAGNUM MP3000 fleet with software updates. You’ll realise a 100% return on investment in fuel cost alone within 12 months without compromising on product quality or unit performance.

Peace of mind, 24/7: The Thermo King dealer network
Our global warranty and service programs protect your fleet, your cargo, and your peace of mind. No matter what the routing is, 24/7 Thermo King support is never far away; over 400 certified Thermo King Dealers provide worldwide, round-the-clock service, guaranteeing that your equipment is maintained, the cold chain unbroken, and the cargo kept in prime condition.

Just what you’d expect from the world leader in transport refrigeration.
THE REAL DEAL. GENUINE THERMO KING PARTS.

The best replacement part is designed by the original manufacturer and is tried and tested to the same high standards of performance, reliability and safety as every other original part of your Thermo King unit.

GENUINE REPLACEMENT PARTS

Genuine Thermo King replacement parts, engineered to provide optimal performance and maximum life, protect valuable equipment, critical cargo, and your priceless peace of mind.

REMANUFACTURED PARTS

Renew your fleet with Thermo King’s wide range of remanufactured parts, including controllers and PCBs, and further reduce your cost of ownership.

Completely remanufactured to the highest standard, every component is tested extensively for reliable operation and a performance level similar to a new part. Warranty coverage for remanufactured parts is equivalent to new parts warranties, so your repair investment is sound, regardless of its scope.

CONSUMABLE PARTS

Every component, no matter how large or small, is important to the overall quality and performance of your unit. Reliability and accuracy are crucial, so each Thermo King component is given individual attention to ensure the highest quality.

Designed for perfect fit and alignment with your Thermo King equipment, consumable parts deliver reliable operational efficiency, even in the most extreme working conditions.
Thermo King is committed to being the world leader in transport temperature control. What started as simple ingenuity in 1938 continues to shape the global industry of transport refrigeration.

Wherever your business goes, our service and support follow. Thermo King backs you with a global network of certified dealer service technicians for buses, trucks, trailers, rail cars, and marine refrigeration units. We are 100% committed to keeping you running at maximum capacity and increasing your uptime, all the time.

The food distribution industry has relied on Thermo King’s refrigerated transport products for over 70 years for the freshest delivery of perishable goods. Our transport temperature control systems are built to go the distance. We make freshness go further, whether by rail, marine, truck or trailer.

For further information please contact: