

MAGNUM PLUS®

— fresh or frozen. faster is better —



MAGNUM PLUS

THERMO KING

CAUTION
HIGH
CONTAINER

TRLU 172421 9

PREMIUM PERFORMANCE. NO COMPROMISE.

Thermo King is committed to engineering innovative products and technologies to provide ever-increasing levels of efficiency and performance to customers around the world. The MAGNUM PLUS® is the result of years of consolidated field experience acquired with its predecessors. With better temperature control than ever and a raft of optional functionality, there's no better reefer on land or sea.

LOWEST TEMPERATURE

The MAGNUM PLUS® is the only unit on the market capable of reaching and maintaining -40°C box temperature in +50°C ambient environment, thereby preserving product quality and further increasing usable box life.

FAST PULL-DOWN

Thanks to its superior cooling capacity, the MAGNUM PLUS® can increase storage life by reaching the set-point faster and more accurately.

PRECISE TEMPERATURE CONTROL

The unique MAGNUM PLUS® advanced temperature management control systems deliver extremely tight temperature control up to +/- 0.25°C.

LOW ENERGY CONSUMPTION

Less energy is required with MAGNUM PLUS® with its MP4000 controller, allowing significant cost savings and setting a new standard in efficiency.

PROVEN TECHNOLOGY & SIMPLE DESIGN

With over 100,000 units in service, millions of trips around the world and years of experience, the MAGNUM PLUS® platform has proven itself time and again in rugged circumstances as being extremely reliable. Magnum Plus stands out with its streamlined design (low number of subcomponents and fixation points) and characteristic V-shape frame.

GLOBAL SERVICE

Thermo King's service network provides support you can count on, 24/7, around the globe, with dedicated service engineers and a high number of dealers. Service means not only maintenance and repair but performance-enhancing retrofit adaptations to increase the performance of your existing fleet.

A large reefer ship is docked at a pier at night. The ship's deck is illuminated by warm yellow lights, and several large cranes are visible against the dark blue twilight sky. The water in the foreground is dark and reflects the lights from the ship.

PREMIUM PERFORMANCE.
NO COMPROMISE.



MAGNUM PLUS® THE SMART CHOICE.



SMART CHOICES. SMART CONTAINERS.

When it comes to fresh or frozen cargo, you need a reliable reefer that adapts to the specific requirements of each load. Thermo King's **MAGNUM PLUS®** provides the best cold chain capability on the market, easily adaptable for different options such as **Controlled Atmosphere, telematics and remote monitoring capability.**



R-452A REFRIGERANT

Thermo King was determined to see a new, environmentally sensible and future-compliant refrigerant for transportation applications. The result? Reliable, compliant cold chain solution.



REMOTE MONITORING MODEM

Connect seamlessly with the MAGNUM PLUS® equipped with MP4000 controller. It comes with the built-in Remote Monitoring Power Line Modem (ISO 10368) as standard. Additionally we offer to interface with the wireless remote monitoring / telematics solution of your choice. The result? Cost effective solution for vessel and port use.



SMART PTI

Smart Pre-Trip Inspections (PTI) save time, money, with the capability to perform full inspections during normal reefer operation, anytime or anywhere the unit is operating - empty or loaded. Smart PTI is a patented solution by Thermo King. The result? The Smart choice, reliable and cost effective health monitoring.



ENERGY LOGGING

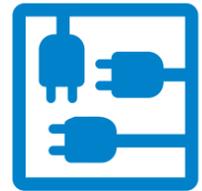
Make intelligent decisions based on real data with MAGNUM PLUS® equipped with MP4000 controller. By logging the power consumption of each trip, MAGNUM PLUS® enables you to monitor your kWh and CO₂ footprint. The result? Sustainability, and energy tracking on and off vessel at every voyage.

SMART CHOICES. SMART CONTAINERS.



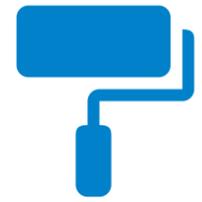
FRESH AIR MANAGEMENT: TK FRESH+

TK FRESH+, Advanced Fresh Air Management, protects fresh produce from detrimental atmosphere conditions. TK FRESH+ precise fresh air settings take the guesswork out of fresh air exchange. AVL (air vent logging) tracks the opening of the air vent during shipment.



VALVES, CABLES AND PLUGS

Every component, no matter its size, is important to the overall quality and performance of your unit. Genuine Thermo King valves, cables and plugs are constructed of high quality materials, designed for perfect fit and alignment, and are rigorously pre-tested to insure efficient operation in every Thermo King unit. We offer a wide range of customizations to comply with specific customer demands.



LOGOS, DECALS AND COLOR

Proudly display your brand by fully customizing the visual aspects of your Magnum Plus fleet with your own logo, decals, and color.



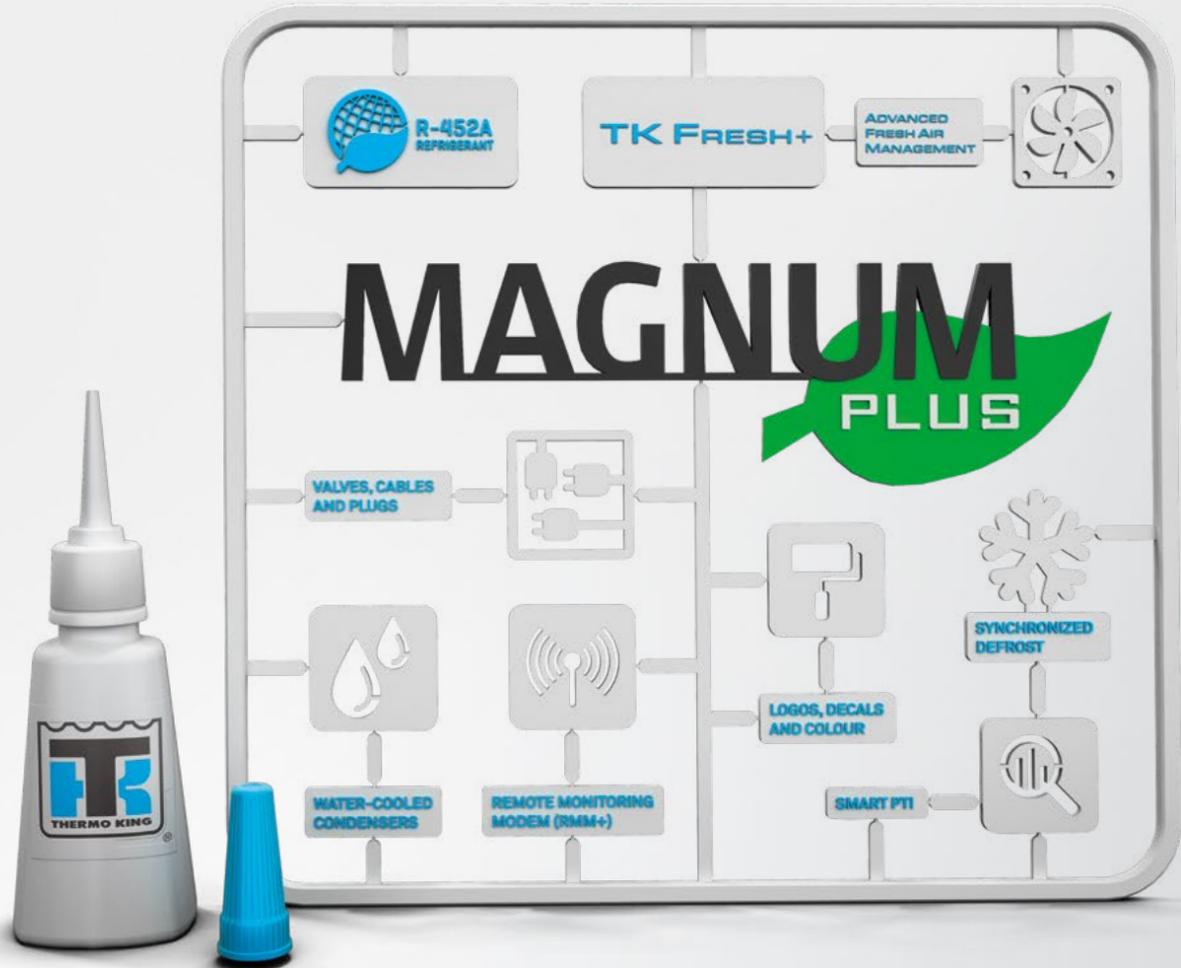
WATER-COOLED CONDENSERS

In demanding applications where air cooling capacity is insufficient (below-deck cargo transportation), water cooled condensers offer a reliable alternative to ensure smooth operations.

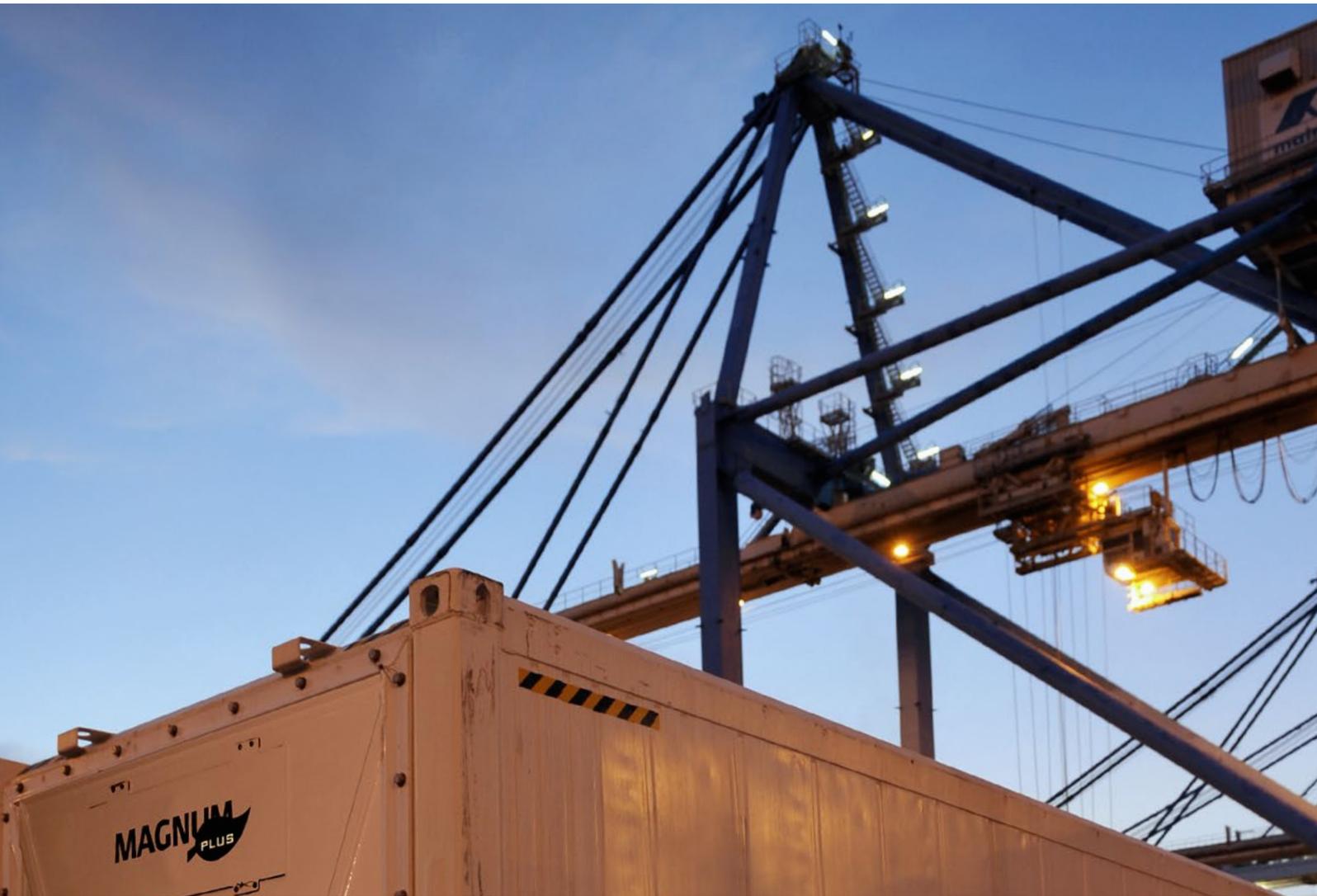


SYNCHRONIZED DEFROST

Synchronizing simultaneous defrost cycles for adjoining reefers is critical for optimum cooling performance.



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THERMO KING

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
thermoking.com

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TRANE
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