



THERMO KING

MAGNUM PLUS®

Fresh or frozen, increase product storage life.



TRANE
TECHNOLOGIES

MAGNUM
PLUS

PREMIUM PERFORMANCE.
NO COMPROMISE.



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 $+50^{\circ}\text{C}$ 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 setpoint faster and more accurately.

PRECISE TEMPERATURE CONTROL

The unique MAGNUM PLUS advanced temperature management control systems deliver extremely tight temperature control up to $\pm 0.25^{\circ}\text{C}$.

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.

MAGNUM PLUS
THE SMART CHOICE.



MAGNUM PLUS

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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.



REMOTE MONITORING MODEM: RMM+

MAGNUM PLUS integrates a remote monitoring power modem and can interface with advanced wireless remote monitoring systems for one-way and two-way communication. It is the industry benchmark in efficiency, performance, operability and reliability.



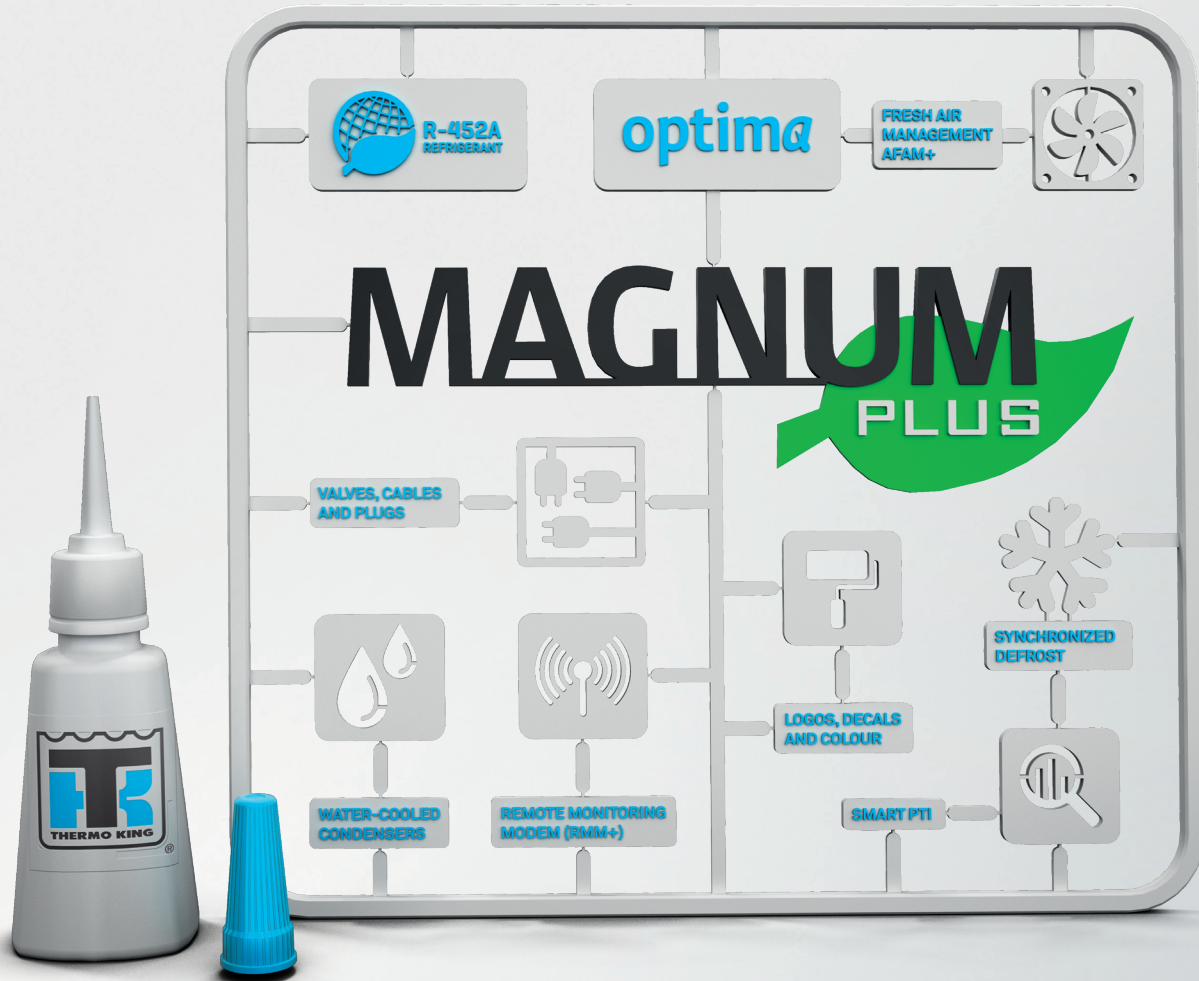
SMART PTI

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.

MAGNUM PLUS Optima

Thermo King has taken existing technology to a new level with MAGNUM PLUS Optima, the active controlled atmosphere solution for more precise control over the reefer environment. MAGNUM PLUS Optima allows growers to bring distant markets within reach for high-value produce and to harvest produce closer to natural maturity time and peak flavor.

optima



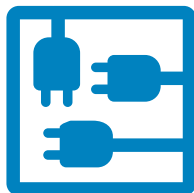
SMART CHOICES.
SMART CONTAINERS.

SMART CHOICES. SMART CONTAINERS.



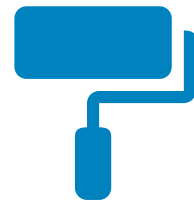
FRESH AIR MANAGEMENT: AFAM+

AFAM+, Advanced Fresh Air Management, protects fresh produce from detrimental atmosphere conditions. AFAM+ 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.



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 more information, visit thermoking.com or tranetechnologies.com.

