



*TriPac<sup>e</sup>*

*Electric Auxiliary Idle Reduction and Temperature Management System*





# The TriPac<sup>e</sup>™ System

Clean, reliable, electric power from the industry leader in idle reduction technology. Introducing the new TriPac<sup>e</sup> APU (Auxiliary Power Unit) System.

## Delivering What Matters:



*The TriPac<sup>e</sup> delivers what Thermo King customers demand - true cost savings, reliable performance, clean operation and an easy-to-use control system.*

### Cost Savings.

The TriPac<sup>e</sup> is an electric, battery-based APU system, which means significant savings on fuel. Reduced operation of the tractor engine also delivers cost savings on maintenance.

### Clean, Quiet Operation.

With no diesel engine, the TriPac<sup>e</sup> runs clean and emission-free, and is significantly quieter than engine-based APU systems as well. As the expert in idle compliance, Thermo King designed the TriPac<sup>e</sup> system to meet anti-idle and anti-emissions regulations nationwide, including CARB requirements.

### Reliable Driver Comfort.


Thermo King has taken the technology and expertise from the industry-leading TriPac APU system and applied that knowledge to the TriPac<sup>e</sup>, resulting in comfort that drivers can count on.

### Unmatched Service & Support.

The TriPac<sup>e</sup> system is backed by the Thermo King dealer network, which provides expert installation, factory-certified technicians and genuine OEM parts at over 200 locations across North America.

Thermo King is  the Environmental Leader

Thermo King offers industry-leading products and solutions that enable businesses around the world to reduce energy consumption and costs and decrease harmful environmental emissions.

The  symbol indicates a feature that delivers a significant environmental advantage over previous models or the competition.

# The TriPac<sup>e</sup> System: Cashflow-Positive from Day One!

Your Idling Hours Annually	\$3.25 a Gallon			\$3.75 a Gallon			\$4.25 a Gallon		
	Tractor Idling	TriPac <sup>e</sup> (with heat)	Savings Per Month	Tractor Idling	TriPac <sup>e</sup> (with heat)	Savings Per Month	Tractor Idling	TriPac <sup>e</sup> (with heat)	Savings Per Month
3,000	\$813	\$117	\$696	\$938	\$135	\$803	\$1,063	\$153	\$910
2,500	677	98	579	781	113	668	885	128	757
2,000	542	78	464	625	90	535	708	102	606
1,500	406	59	347	469	68	401	531	77	454
1,000	271	39	232	313	45	268	354	51	303
500	135	20	115	156	23	133	177	26	151

**EXAMPLE:** If you idle 2500 hours per year with a fuel price of \$3.75 per gallon, you can save up to \$668 per month based on fuel costs alone with TriPac<sup>e</sup>!

**Tractor Idling Assumptions**  
Idling Fuel Use .....1.0 gph

**TriPac<sup>e</sup> Assumptions**

Mode	(% per year)	gph
Cooling	60%	0
Heating	40%	0.06*

Find your monthly savings with TriPac<sup>e</sup> (based on fuel consumption only). \*Fuel consumption will vary based on ambient temperature and tractor cab insulation characteristics.

## Is an All-Electric System Right for You?

Considerations Should Include:

- Desired Run Time
- Hotel Loads
- Ambient Conditions
- Recharge Requirements

Talk to your Thermo King Representative to determine if the TriPac<sup>e</sup> is right for you!



## Stress Less over Fluctuating Fuel Costs

Fuel represents a significant portion of your operational costs, and the frequent fluctuations in price can be worrisome and costly. The fact is, fuel prices have risen significantly over the last decade. Investing in the TriPac system today means less stress next time fuel prices spike. Waiting until fuel costs reach a specific point to get your TriPac means waiting to take advantage of the savings and not being ready for the inevitable future fuel cost increases.

### U.S. Diesel Pump Prices



# The TriPac<sup>e</sup> System

*Innovation Meets Simplicity*

## Get Thermo King's Smart Charger Module technology on the TriPac<sup>e</sup>

- Provides individual charging and discharging management for each battery
- Provides 3-stage charging profile to optimize performance and extend NXT battery life
- Maintains balance between tractor and APU batteries during HVAC operation



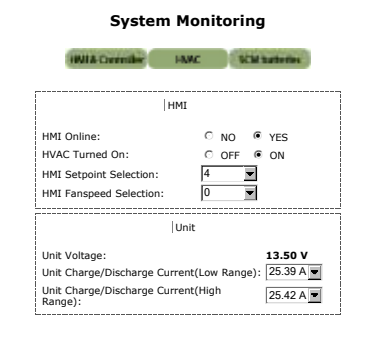
## Shore Power

Option allows you to plug in system where possible.

- Shore Power
- Air Conditioning
- Charging

## TK Monitor

*Allows downloads to computer to display the following:*



**Dashboard:** Provides the technician quick access to basic operating information such as hourmeters, system temperatures, battery status and alarms.

**Upgrade:** Allows software upgrades to be flashloaded into the controller, SCMs or HMI.

**System Monitoring:** Provides the technician with detailed real-time system information.

**Service Test:** Allows the technician the ability to force the system into a specific operating mode for up to 15 minutes.



## The NXT *Engineered s*

- Designed to ma
- Dry cell technol

# Save time and money!



## A Full Range of Thermo Gard™ Maintenance Agreements

### Platinum

The best service anywhere.

Our Platinum Guaranteed Maintenance program provides the ultimate in preventive and predictive maintenance. Platinum offers a fixed cost solution with the flexibility to have service performed at any of over 200 locations in North America.

### Silver

Centralized Billing.

We consolidate invoices from multiple Thermo King dealer locations for service, parts and labor to lighten your administrative load.

### Gold

Extended Warranty Program.

Designed to keep you running at maximum efficiency, Thermo Gard Gold Extended Warranty gives you coverage that extends beyond the standard warranty policy.

## TriPac™ Battery

*Specifically for the TriPac®*

Maximize performance and increase runtime for the TriPac®  
technology for greater efficiency, longer life and a lower life cycle cost

Contact your Thermo King dealer  
or call (952) 886-6014 for more information



# Simple In-Cab Controller

*The easy-to-use interface our customers asked for.*

The Simple HMI (Human Machine Interface) is the driver control module that is typically mounted in the bunk area. It is an easy-to-use control that allows the driver to select the desired function of the system.

**Power/Mode Switch**  
Select between cool, fan and heat modes.

**Battery Power**  
Indicates charge remaining in batteries.



**Cab Temperature**  
Controls temperature of cab.

**Fan Speed**  
Allows selection of fan speed.

**Expert Service  
and Support are as  
close as this sign.**

Choose TriPac<sup>e</sup> and enjoy the support of the Thermo King Dealer Network.



**Over 200 factory-authorized  
service centers nationwide!**

# Specifications

## Dimensions (inches)



## Description

The TriPac<sup>®</sup> System provides truck cab sleeper compartment climate control and electric power.

## Evaporator Airflow

270 ft<sup>3</sup>/min

## Refrigerant

HFC R-134a

## Compressor

Thermo King Air Conditioning Compressor

## Air Conditioning Capacity (BTU/hr)\*

7,200

## Controls

The Simple Controller is installed in the truck cab.

## Optional Heating Capacity (BTU/hr)

7,500

13,600 (High Output)

## System Weight (approx.)

505 lbs. (including 4 batteries)

## Worldwide Service Organization

Thermo King backs its equipment and customers with a highly-trained, worldwide service organization. This assures you the support of factory authorized service facilities and a stock of factory parts as well as factory trained mechanics.

## Warranty Summary

Terms of the Thermo King Warranty are available upon request.

## Extended Warranty

Several Extended Warranty options are available for your TriPac<sup>®</sup> system. Choose a flexible program and select the warranty period, deductible and hours of operation that best meet your needs. Ask your local Thermo King dealer about nationwide coverage plans.

# Available Options

Inverter

Heater

High Output Heater

Brushed Stainless Steel Condenser Cover

Flush Mount Kits

Shore Power Converter

Additional NXT Batteries for Tractor

High Altitude kit

**\*ARI STD 310/380** - Standard for Packaged Terminal Air-Conditioners and Heat Pumps for the rating conditions of 80°F Box, 50% humidity, and 95°F ambient.

# Payback Calculator

Consult the TriPac<sup>®</sup> ROI Calculator at [www.thermoking.com](http://www.thermoking.com) to determine your potential savings with TriPac<sup>®</sup>!





Ingersoll Rand's Climate Solutions sector delivers energy-efficient HVACR solutions for customers globally. Its world class brands include Hussmann, a manufacturer of refrigeration and food merchandising solutions, Thermo King, the leader in transport temperature control and Trane, a provider of energy efficient heating, ventilating and air conditioning systems, building and contracting services, parts support and advanced controls for commercial buildings and homes.

Distributed by: