

# SPECIFICATIONS

## Dimensions (inches)



Condenser



Evaporator

## Description

The TriPac Evolution provides truck engine preheating, battery charging, truck cab sleeper compartment climate control and electric power.

## Engine

Thermo King Tier IV final-compliant 2-cylinder diesel engine

## Evaporator Airflow

250 ft<sup>3</sup>/min

## Alternator

14.5V, 65 amp  
14.5V, 120 amp (optional)

## Refrigerant

HFC R-134a

## Compressor

Thermo King TM-15  
Air Conditioning Compressor

## Air Conditioning Capacity\*

BTU/hr	Watts
13,000	3,810

## Controls

The TriPac HMI (Human Machine Interface) Controller features a simple three-knob design for easy operation.

## Heating Capacity

BTU/hr	Watts
7,500	2,200
13,600	3,986 (optional)

## System Weight (approx.)

APU Unit:	345 lbs	(156 kg)
HVAC System:	70 lbs	(32 kg)

## Warranty Summary

Terms of the Thermo King Limited Express Warranty are available upon request.

## Extended Warranty

Several Extended Warranty options are available for your TriPac 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.

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



## New Thermo Gard™ Assurance

**CUSTOMIZABLE FLEET MANAGEMENT OPTIONS FOR YOUR BUSINESS ARE NOW MORE AFFORDABLE THAN EVER BEFORE\***

Thermo King SVC's new Thermo Gard Assurance guaranteed maintenance program includes set programs and a wide variety of coverage options to fit the needs of your business. And because of the TriPac Evolution's improved reliability and lower maintenance costs, peace-of-mind is now less expensive than ever!

\*Compared to similar guaranteed maintenance program costs for TriPac APUs.



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Date: February 26, 2014

To: All Authorized Thermo King Sales Dealers

Subject: **Tri Pac™, Tri Pac™ EVOLUTION and Tri Pac<sup>e</sup>™ Auxiliary Power Unit Vehicle Weight Exemption**

This document provides confirmation of the published approximate system weights of Thermo King Corporation's Auxiliary Power Units known as **Tri Pac™**, **Tri Pac™EVOLUTION** and **Tri Pac<sup>e</sup>™** as follows:

Thermo King Auxiliary Power Unit	Published Approximate System Weight
Tri Pac™	500 lbs / 227 kg
Tri Pac™ EVOLUTION	415 lbs / 188 kb
Tri Pac <sup>e</sup> ™	505 lbs/ 229 kg

Below is a summary of a portion of the Energy Bill, which discusses the weight exemption issue:

On August 8, 2005 President George Bush signed the Energy Bill (Domenici-Barton Energy Policy). Section 756 of the Energy Bill made changes to Title 23, Section 127(a) that regulates the weight of vehicles to be used on interstate highways. This section provides a 400-pound Vehicle Weight Exemption for idle reduction technology.

Section 127(a) was amended to add item 12 which states the following:

- `(12) HEAVY DUTY VEHICLES-
- `(A) IN GENERAL- Subject to subparagraphs (B) and (C), in order to promote reduction of fuel use and emissions because of engine idling, the maximum gross vehicle weight limit and the axle weight limit for any heavy-duty vehicle equipped with an idle reduction technology shall be increased by a quantity necessary to compensate for the additional weight of the idle reduction system.
- `(B) MAXIMUM WEIGHT INCREASE- The weight increase under subparagraph (A) shall be not greater than 400 pounds.
- `(C) PROOF- On request by a regulatory agency or law enforcement agency, the vehicle operator shall provide proof (through demonstration or certification) that--
  - `(i) the idle reduction technology is fully functional at all times; and
  - `(ii) the 400-pound gross weight increase is not used for any purpose other than the use of idle reduction technology described in subparagraph (A).'

**Update:**

On June 6, 2012 President Barack Obama signed the Federal Highway Bill. As part of the bill the following updates were made in reference to idle reduction technologies to include APU's.

**SEC. 1510. IDLE REDUCTION TECHNOLOGY.**

- Section 127(a)(12) of title 23, United States Code, is amended—
- (1) in subparagraph (B), by striking “400” and inserting “550”; and
- (2) in subparagraph (C)(ii), by striking “400-pound” and inserting “550-pound”.

As a result of these changes the new federal weight exemption has been increased from 400 pounds to 550 pounds for an APU.

Best Regards,

**THERMO KING CORPORATION**