



## *TriPac<sup>®</sup> Envidia*

*All-electric APU with the longest run time in the industry for superior driver comfort.*







# TriPac<sup>®</sup>



We're proud to introduce a clean, reliable all-electric auxiliary power unit (APU) that not only saves fuel but delivers unmatched driver comfort previously unavailable in an electric unit. Meet TriPac Envidia, the envy of the trucking world.

Thermo King already builds the best selling diesel APU in the industry, and with TriPac Envidia, brings you the longest all-electric runtime in the industry\* along with superior battery life. See why TriPac Envidia is the right choice for you!

\*Based on testing against leading competitive all-electric APU system.





# ENVIDIA™

## CLEAN, QUIET COMFORT

With no diesel engine, the TriPac Envidia 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 Envidia to meet anti-idle and anti-emissions regulations nationwide, including CARB requirements.

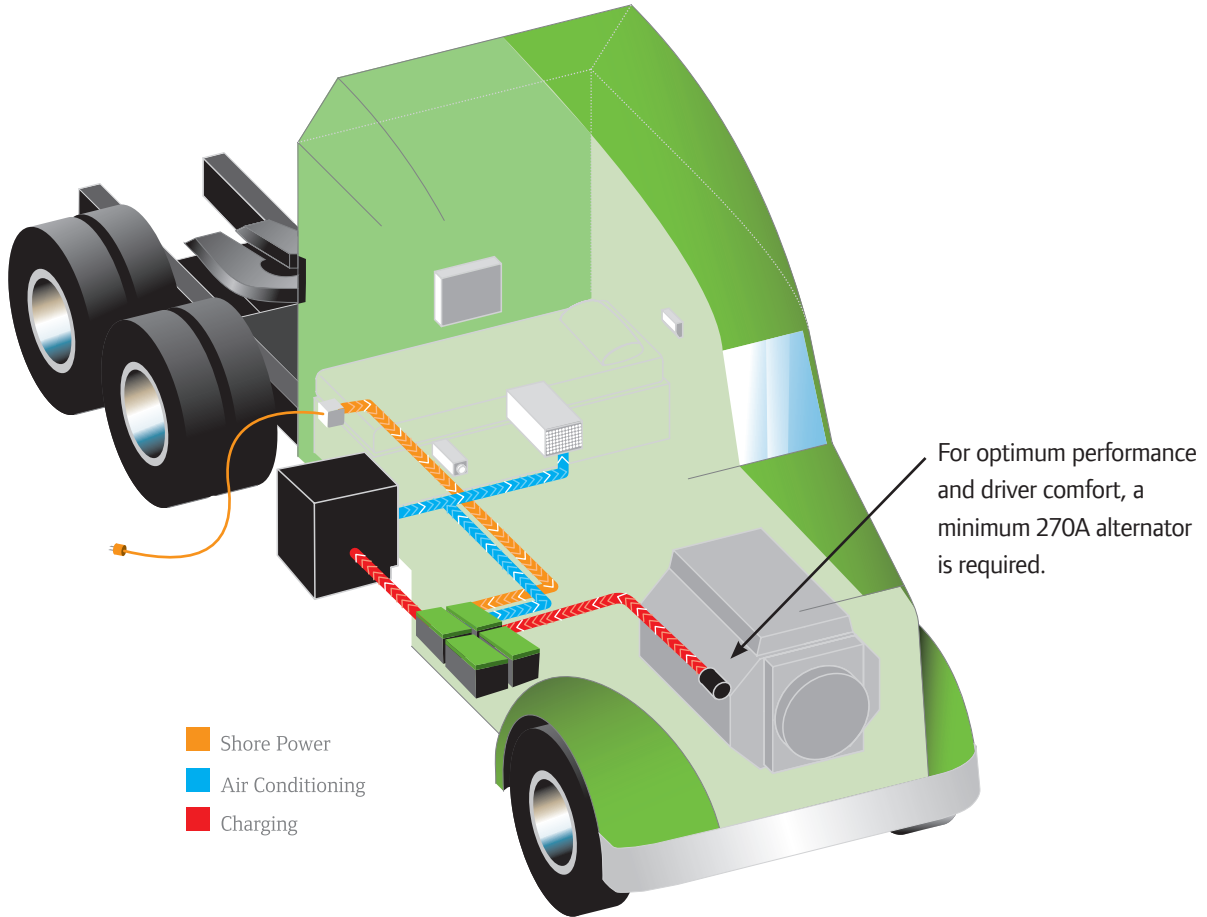
## SERIOUS FUEL SAVINGS

The TriPac Envidia is an all-electric, battery-based APU system, which means significant savings on fuel. By reducing operation of the tractor engine, the system also delivers big cost savings on maintenance as well.

## UNMATCHED SUPPORT

There are many electric APUs out there, but only the TriPac Envidia has the support of the nationwide Thermo King dealer network, which provides expert installation, factory-certified technicians and genuine OEM parts at nearly 200 locations across North America.

# THE TriPac ENVIDIA SYSTEM



## THERMO KING'S PATENTED BATTERY CHARGING TECHNOLOGY

Ensures proper charging and discharging of the APU and tractor batteries, extending overall battery life

## THE NXT BATTERY

Engineered for optimum performance with TriPac Envidia

- Designed to maximize performance and increase runtime
- Dry cell technology for greater efficiency, longer life and a lower life cycle cost



## SHORE POWER

Available option allows system to be plugged in where possible.





## TriPac ENVIDIA: THE NEW ALL-ELECTRIC BENCHMARK FOR DRIVER COMFORT

In the past, users of all-electric APUs had to contend with limited runtime and limited power, which negatively impacted driver comfort, rest and safety. Those days are over, thanks to TriPac Envidia.

Longest electric runtime in the industry without tractor startup.\*

Effective heating and cooling for maximum comfort.

The power to run the devices that make the sleeper cab feel more like home.

Quiet operation for uninterrupted rest.

\*Based on testing against leading competitive all-electric APU system.





## SIMPLE IN-CAB CONTROLLER

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.





# THE TriPac ENVIDIA: CASHFLOW-POSITIVE FROM MONTH ONE

| Your Idling Hours Annually | \$2.50 a Gallon |                            |                   | \$3.00 a Gallon |                            |                   | \$3.50 a Gallon |                            |                   |
|----------------------------|-----------------|----------------------------|-------------------|-----------------|----------------------------|-------------------|-----------------|----------------------------|-------------------|
|                            | Tractor Idling  | TriPac Envidia (with heat) | Savings Per Month | Tractor Idling  | TriPac Envidia (with heat) | Savings Per Month | Tractor Idling  | TriPac Envidia (with heat) | Savings Per Month |
| 3,000                      | \$563           | \$96                       | \$466             | \$675           | \$114                      | \$561             | \$788           | \$132                      | \$656             |
| 2,500                      | 469             | 82                         | 387               | 563             | 96                         | 466               | 656             | 111                        | 545               |
| 2,000                      | 375             | 67                         | 308               | 450             | 79                         | 371               | 525             | 90                         | 435               |
| 1,500                      | 281             | 52                         | 229               | 338             | 61                         | 277               | 394             | 70                         | 324               |
| 1,000                      | 188             | 37                         | 150               | 225             | 43                         | 182               | 263             | 49                         | 214               |
| 500                        | 94              | 22                         | 71                | 113             | 25                         | 87                | 131             | 28                         | 103               |

**EXAMPLE:** If you idle 2500 hours per year with a fuel price of \$3.00 per gallon, you can save up to \$466 per month based on fuel costs alone with TriPac Envidia!

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

| TriPac Envidia Assumptions |              |       |
|----------------------------|--------------|-------|
| Mode                       | (% per year) | gph   |
| Cooling                    | 60%          | 0     |
| Heating                    | 40%          | 0.06* |

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





## CUSTOM CONFIGURE YOUR TriPac ENVIDIA WITH A WIDE ARRAY OF OPTIONS

### BASE TriPac ENVIDIA

Provides sleeper/cab cooling and electric power.

- 8,000 BTUs/hr air conditioning system
- Installation kit (fits all tractors)





**INVERTER (073003)**

1000 watt Tru Sine inverter to power your appliances and electronics.

**INVERTER & SHORE POWER PACKAGE (073005)**

**HEATER (073074)**

With 7,500 BTUs/hr of heat to keep you warm and comfortable.

**BRUSHED STAINLESS STEEL CONDENSER COVER (073006)**

Adds additional corrosion protection as well as that finishing touch.

**MOUNTING OPTIONS**

Thermo King offers a variety of mounting options to truly tailor your APU system installation to the your needs.

**DIRECT MOUNT INSTALLATION KIT (073007)**

**DIRECT MOUNT WITH 1" SPACER (073012)**

**CLAW MOUNT WITH 1" SPACER (073011)**

**ThermoLite® SOLAR PANEL (709772)**

Add solar panels to your configuration to aid in battery charging and increase runtime.

**HIGH OUTPUT HEATER (073073)**

With 13,600 BTUs/hr of heat, this heater will keep you warm on the coldest of nights. With only slightly higher fuel consumption than the standard heater, this option is popular with drivers operating in the northern United States and in Canada.

**ADDITIONAL NXT BATTERIES (073076)**

Another set of 4 NXT batteries will help to standardize your tractor batteries to high quality, long life batteries.

**SHORE POWER CONVERTER (073004)**

Provides capability of running the system or charging batteries if electrical power is available.

**INVERTER & SHORE POWER PACKAGE (073005)**





## ThermoLite<sup>®</sup> SOLAR PANELS

ThermoLite solar panels can deliver clean, reliable performance in a wide variety of applications, resulting in longer battery life, decreased waste, lower fuel consumption and reduced emissions. Given these potential benefits, ThermoLite solar panels can be an important part of a comprehensive sustainability program for your business.



**EXPERT SERVICE AND  
SUPPORT ARE AS CLOSE  
AS THIS SIGN.**

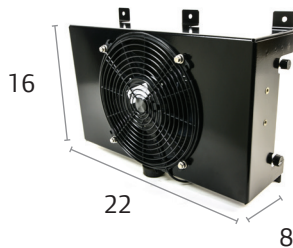
**THE ONLY ELECTRIC APU AVAILABLE  
WITH THE SUPPORT OF NEARLY 200 FACTORY-AUTHORIZED  
SERVICE CENTERS NATIONWIDE!**

CHOOSE TriPac ENVIDIA AND ENJOY THE SUPPORT OF THE THERMO KING DEALER NETWORK.

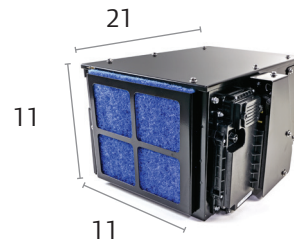


# SPECIFICATIONS

## DIMENSIONS INCHES



Condenser



Evaporator

### EVAPORATOR AIRFLOW

230 ft<sup>3</sup>/min

### REFRIGERANT

HFC R-134a

### AIR CONDITIONING CAPACITY\*

|         |       |
|---------|-------|
| BTUs/hr | Watts |
| 8,000   | 2,342 |

### TRACTOR ALTERNATOR

Minimum Size Required  
270A

### CONTROLS

The TriPac HMI Controller features a simple three-knob design for easy operation.

### HEATING CAPACITY

|         |                  |
|---------|------------------|
| BTUs/hr | Watts            |
| 7,500   | 2,200            |
| 13,600  | 3,986 (optional) |

### SYSTEM WEIGHT (APPROX.)

|                       |         |
|-----------------------|---------|
| Battery Box w/Cables: | 480 lbs |
| Evap:                 | 66 lbs  |
| Condenser w/Drier:    | 26 lbs  |

### 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.

\***AHRI STD** - Standard for Performance Rating of unitary Air Conditioning and Heat Pumps for the rating conditions of 80F Box, 50% humidity, and 95°F ambient.



### Thermo Gard® Assurance

**CHOOSE FROM A COMPLETE LINE OF CUSTOMIZABLE FLEET MANAGEMENT OPTIONS FOR YOUR BUSINESS!**

*Thermo King SVC's Thermo Gard Assurance guaranteed maintenance program includes set programs and a wide variety of coverage options to fit the needs of your business.*





Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results.



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