

3rd Generation TriPac® Auxiliary Power Unit

OVERNIGHT EXPERT



Situation

Thermo King is introducing the 3rd generation diesel TriPac APU. Building on the best-selling TriPac Evolution, the next generation TriPac APU provides the same comfort and performance customers expect from us but is now compatible with industry-leading TrackKing® Telematics and new emission reduction technology. Thermo King has also re-engineered several systems to deliver substantial improvements to long-term quality – reducing the total cost of ownership, as well as improving uptime. Plus, a new HMI controller offers a digital, color display for one of the most intuitive in-cab controllers on the market - giving drivers greater control over their comfort.

What is it?

The 3rd generation TriPac system is an auxiliary power unit solution that provides superior climate control and power to the interior of the cab without engine idle. With available tracking telematics, next generation efficiency and reliability, the Thermo King TriPac APU is the best-in-class solution that makes it easy for fleet owners to enhance driver comfort and fleet profitability at the same time.

It is available in two models:

- Standard model: A 49-state EPA Tier 4 compliant solution for aftermarket installs
- Aftertreatment device model: A 50-state compliant solution for CARB and EPA Tier 4 compliant for new OEM or aftermarket installs

Who is this for?

The primary audience is the class-8 sleeper cab market. Similar applications in non-traditional markets like large cranes, heavy equipment and motor coaches could benefit from APU solutions as well.

- **Large-scale fleets** that need real-time data on their tractors to track fuel usage and maximize efficiency.
- **Small-scale** fleets where efficiency and quality matter the most.
- **Owner operators** on long-haul trips that need to protect their most valuable asset, their tractor during their off time.
- **Fleets** that want to make their cabins feel more like home and less like a tractor.

Solar for Even More Savings

Customers can increase their return on investment (ROI) with the addition of an optional ThermoLite® solar panel, which produces clean energy and can reduce the APU engine run time by up to 30% (as compared to the prior model)

*This is an optional add-on to the APU unit.

Key New Differentiators



Built to Last Quality

Major component warranty doubled to four years and bumper to bumper coverage extended to two years. *See warranty documentation for full details.

A TriPac APU First: TrackKing Telematics

Available TrackKing telematics provide a line of sight to APU run hours, cabin temps, and fuel tax reporting. Real-time alarms and maintenance reminders keep the system running smoothly.

*Hardware is not included unless the telematics option is selected.

Reimagined Emission Reduction Technology

A model is now available with a passive aftertreatment device that is a 50-state compliant solution for CARB and is EPA Tier 4 compliant for new OEM or aftermarket installations. Plus, no more dash switch and fast regeneration (as little as eight minutes).

Service Friendly Components

With streamlined wire harnesses, connectors, fusing and routing, we have improved installation consistency, serviceability, and reliability.

A More Human Interface

A digital, color-enhanced display, tactile pushbuttons, and plain language readouts create the most intuitive in-cab controller on the market and offers drivers greater control over their comfort.



Our Brand Commitment

We know that today, more than ever, fuel costs, and efficiency are important to drivers and overall fleet management. Our TriPac APU is designed to supply a solution to these challenges. We back up our promise to quality with a 2-year bumper-to-bumper warranty and a 4-year major components warranty. Plus, with over 300+ authorized Thermo King dealers in the Americas, we insure you have the resources you need to properly maintain your TriPac APU.

Leading the Conversation

Make the connections between customer decision drivers and Thermo King's TriPac APU

	Cost and ROI Issues	Efficiency Issues	Driver Comfort
<p>Why Change?</p>	<p>"Running my engine in off-hours is becoming too expensive with the cost of diesel. It is eating into my profits."</p> <p>"Our fleet idles all the time, and it is costing us a ton of money in diesel. Also, in some states, there are anti-idling laws in place."</p>	<p>"My old/current APU only outputs 6,500 BTU's and consumes a half a gallon of fuel per hour."</p> <p>"We have a harder time attributing fuel costs and other costs to our APU over other elements on our tractor fleet."</p>	<p>"Our drivers constantly complain of the lack of comfort in our cabs."</p>
<p>Why Now?</p>	<p>APUs are a simple investment to solve the problem of idling and operational efficiency. Fuel costs represent a significant portion of operating expenses and the TriPac system can reduce fuel consumption by up to 2,500 gallons per year.* Furthermore, the cost of maintenance on your tractor will decrease as you idle less.</p> <p><small>*Based on actual customer experiences. Reduced costs experienced by individual customers will vary.</small></p>	<p>Having the TriPac APU on your tractor gives you the freedom to stop wherever you please without losing the comfort in your cab.</p> <p>You need data in real-time to understand fuel usage and run hours to make smart business decisions to save you time and money.</p>	<p>Drivers spend long days away from home on the road, and a comfortable sleeper is important for well-rested and safe drivers.</p> <p>An APU system for trucks can offer virtually unlimited cooling and heating and the power to run the appliances and devices drivers require.</p>
<p>Why Thermo King?</p>	<p>Best in-class performance in APUs at 13,000 BTU.</p> <p>300 dealers in the Americas to support the unit. Customers can ensure they are not far from an authorized dealer. This will save fuel and the time lost to service the unit.</p>	<p>Advanced TracKing telematics, now an option with the 3rd generation, allows drivers and fleet operators to track various components of their APU such as run hours and cabin temps. Real-time alarms and maintenance reminders keep the system running smoothly. Fuel usage by state can be precisely tracked to maximize tax credits in the states you do business in.</p>	<p>Our brand reputation is backed up by quality, drivers will know you offer the best when they see a Thermo King TriPac APU on the tractor they are driving. Our best in-class BTU output will also ensure drivers can keep comfortable in hot and cold climates around the country and North America as a whole.</p>

One Minute Message

Every day, thousands of class-8 cab drivers go to bed after a long day of driving essential goods from place to place. Their hours spent on the road are necessary to keep our shelves stocked and economy running. These drivers deserve the comforts and amenities in their cab like they would find at home. Thermo King's 3rd generation TriPac APU is the premier choice to provide that comfort they deserve. With best in-class cooling output and improved quality backed by an extended warranty, plus telematics and a model that is a 50-state compliant solution for CARB as well as EPA Tier 4 compliant for new OEM or aftermarket installations, drivers and fleet operators alike can go to bed at night with the assurance that their APU will be a reliable and efficient way to ensure comfort on the road.

Resources

Learn more: [3rd Generation TriPac APU Digital Toolkit](#)

PROPRIETARY INFORMATION OF TRANE TECHNOLOGIES AND FOR INTERNAL USE ONLY; NOT FOR DISTRIBUTION OUTSIDE OF THERMO KING

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 supplying 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 www.thermoking.com or www.europe.thermoking.com.

All trademarks referenced in this document are the trademarks of their respective owners.