



## Kenworth Clean Power No-Idle System Adds LED Lighting, Enhanced Insulation Package for T660

Available for T660 72-inch AeroCab

LOUISVILLE, Ky. – The new Kenworth Clean Power™ system, which becomes available as an option on the Kenworth T660 72-inch AeroCab® this summer, has added two enhancements to further enhance energy savings.

The Kenworth Clean Power no-idle system has the capability to provide engine-off cooling and heating, and 110-volt “hotel load” power. Kenworth’s new energy-efficient LED (light emitting diode) lighting and sleeper insulation package will keep the sleeper even more comfortable by helping to minimize air conditioning and heat loss.

“Kenworth Clean Power combined with high-output, low-current LED lighting and an enhanced sleeper insulation package for the Kenworth T660 72-inch AeroCab provide a significant advancement for energy efficiency in the trucking industry,” said Mike Dozier, Kenworth chief engineer.

“Customers with high idling time may receive as much as an 8% boost in fuel economy by not idling, thanks to Kenworth Clean Power,” said Dozier. “LED lighting has a very low power draw and uses an estimated 35% less energy than traditional lighting. The insulation package provides nearly a 40% improvement in thermal performance compared to standard insulation packages. Just like in a house, the better the insulation in the walls, the less the energy loss. Plus, customers benefit by operating the aerodynamic Kenworth T660 – Kenworth’s latest fuel economy leader.”

Kenworth Clean Power uses dedicated, advanced glass mat, deep-cycle batteries that power a Thermal Storage Cooler. The Storage Cooler, about the size of a microwave, fits under the bunk.

As the truck is driven down the road, or if the truck is connected to a 120-volt AC electrical supply, the liquid inside the Storage Cooler is cooled to freezing – which translates to roughly 21,000 BTUs of cooling capacity.



Once the truck is shut off, the battery-powered cooling system – turned on from the sleeper control panel – takes over and keeps the sleeper at temperature. A thermostat regulates the desired temperature and a variable speed fan circulates chilled air through a duct located near the bunk. For dual bunk set-ups, a second duct keeps the upper bunk area cool.

Extensive testing has shown that Kenworth Clean Power is able to keep the sleeper cool for more than 10 hours at temperatures as high as 95 degrees. To provide heat when temperatures dip, a small diesel-fired heater mounted under the bunk is controlled with a thermostat.

Kenworth, a division of PACCAR Inc. is a leading manufacturer of heavy and medium duty trucks. Kenworth is the recipient of the 2006 J.D. Power and Associates awards for Highest in Customer Satisfaction for both the Over the Road Segment and Pickup and Delivery Segment Class 8 trucks, and for Heavy Duty Dealer Service. Kenworth’s Internet home page is at [www.kenworth.com](http://www.kenworth.com). Kenworth. The World’s Best.