

THE **RED**MOteck

12-volt a/c system
Innovative no-idle solution



No fuel...
No maintenance...
No pollution...
Very quiet...

And sleeper comfort for the whole night!!!

**Innovative solutions for the
trucking industry**



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Redtech now offers a totally new solution for trucking companies looking for ways to reduce or eliminate truck idling. It's a 12-volt cooling system powered only with batteries.

It allows a truck operator to cool the sleeper for a whole night, without the annoying noise and the polluting effects of a truck or an APU.

This simple but very innovative product is made possible by the integration of 3 different technologies:

- A 12-volt cooling system
- An intelligent battery manager
- High-performance deep cycle batteries

This device is installed in parallel with the revolutionary battery protection system developed by Redtech, PROteckTION, that always ensures quick start of the truck engine, even after a complete night spent cooling the sleeper.

The whole system has a cooling capacity of 3250 BTU/hour with a maximum current consumption of 30 Amp.

The system's main features are:

- Relatively inexpensive
- Very quiet
- Reliable
- Easy to install
- Fits on any truck
- Easy to maintain
- Great savings on fuel
- No green gas effects
- Long lasting working autonomy



F.A.Q.

How does the system work exactly?

It's an a/c system used to cool truck's sleeper and remove humidity when the truck is at rest. The system works off the truck batteries only, without any fuel.

Does it run on 120 VAC supplied by an inverter or is it a real 12 volt system?

It's a real 12-volt system.

Can THERMOteck cool the sleeper for a whole night?

Yes it can. However you need to add more batteries to the truck because the 4 batteries usually found on a truck are not sufficient enough to cool for a whole night.

How many batteries does the system need?

On a typical installation, a truck will require from 6 to 8 batteries, with 4 of them dedicated specifically for the a/c system and all other accessories.

For how many consecutive hours can the system run?

Depending on the state of the batteries and other accessories current draw, the system can go from 8 to 14 consecutive hours.

I'm afraid my truck won't start if I draw too much current from my batteries.

THERMOteck is installed in parallel with Redtech's own battery manager called PROteckTION whose main function consists of making sure the truck will always start, no matter what happens.

With more batteries on my truck, will a standard 135 Amp alternator be sufficient to recharge all of them?

Again, PROteckTION is there to help. It manages the recharge of the batteries in a way that a standard 135 Amp alternator can take care of as many as 8 batteries without any problem.

What is this PROteckTION system exactly?

PROteckTION is an intelligent battery manager developed by Redtech. It's a unique patent pending system that manages current consumption, battery voltage and battery recharging.

Does the system also supply heat for cold winter nights?

No, it only does a/c. However, it can be installed with well known air heaters such as Webasto, Espar, and ProHeat.

What's the weight of the system?

The system's weight is approximately 100 lbs. To that, you have to add the weight of the extra batteries.

