

# Idle-Stop™

Retrofit Controller restricts Engine Idling



## Thermex Smart Controller Automates Idle Shutdown



Crew buses are frequently left idling whenever an operator vacates the cab. Whether it's to maintain cooling in the summer or heat during the winter, operators often leave buses running whenever they step out. Although many buses are now equipped with auxiliary coolant heaters, even they get left idling which has become a very significant expense for Tier 4 fleet owners. Thermex has the solution to all these needless costs and emissions...

**Idling is Expensive:** Excess fuel consumption, shrinking maintenance intervals and shortened engine life are well documented costs resulting from careless idling. Furthermore the newer Tier 4 engines are not designed to sustain excess idling and their DPF filters soon plug up, triggering frequent Regen events. Idling-induced DPF replacement is a heavy maintenance expense and ramped-up Regen activity accumulates ongoing downtime.

**The Solution:** THERMEX provides an Idle Shutdown Smart Controller that automates "empty seat engine shutdown" and protects your buses from needless accelerated costs. Dependence on an operator's decision becomes redundant because **Idle-Stop™** takes over from the moment he vacates the seat.

**How it works:** The equipment owner selects a time delay setting ranging from 1 to 15 minutes which is adjustable within the Idle-Stop Controller. Once the operator departs, after the pre-selected time has elapsed the engine will shut down. An auxiliary circuit becomes activated to enable a coolant heater or any required safety lighting during the shutdown interval. When the operator resumes his seat the ignition circuit is immediately re-activated and ready to start.

**Reducing Carbon Footprint has now become a profit centre - Call 800-865-1532 today and we'll help you calculate the real financial benefits of Idle Reduction.**

Distributed by:

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