

HEAT SYSTEM FOR WORK TRUCKS



This Idle Free® heat system for work trucks has the ability to provide power and meet all engine-off requirements while keeping the engine and driver warm.

BENEFITS

- Provides up to 6-8 hours of interior cab and engine heat
- Operates communication equipment and interior and exterior lights without truck idling
- Engine regeneration intervals are increased
- Fuel cost saving because idling is eliminated
- Complies with all city, municipal and state idling laws
- Environmentally friendly – reduces CO2 emissions
- CARB compliant
- Easy, quick installation – 3 hours
- No additional weight to the truck
- Simple to operate with just a flip of a switch installed in the cab
- Comprehensive complete system



HERE'S HOW IT WORKS

The Engine Start Module (ESM) starts the truck which allows the truck battery type to change from starter batteries to deep cycle batteries. These batteries then perform all truck DC power needs without the truck idling. The climate control functions for the cab are used in the same manner as if the truck were running. When the heat system is on, power is supplied from the truck's battery to all necessary circuits to run the climate control.

SYSTEM COMPONENTS

- Engine start module (ESM)
- Coolant heater
- Coolant heater installation parts
- Truck-specific coolant heater mounting bracket
- Truck-specific harness
- Alternator cable
- On/off toggle switch

Customer service: Toll Free: 800.328.6108

Email: customerservice@phillipsandtemro.com

www.phillipsandtemro.com

PHILLIPS & TEMRO
industries®

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SYSTEM COMPONENTS & SPECIFICATIONS

ENGINE START MODULE (ESM)

- Up-charges to 14.9 volts
- Needs only 9 volts to self-charge
- Replaces a group 31 starter battery
- ESM provides engine starting from -40°F to 140°F



TRUCK SPECIFIC HARNESS



COOLANT HEATER

- 17,000 BTU coolant heater for cab and engine heat



ALTERNATOR CABLE



COOLANT HEATER INSTALLATION PARTS



ON/OFF TOGGLE SWITCH



TRUCK SPECIFIC COOLANT HEATER MOUNTING BRACKET

