



eCLIMACOACH™ NO-IDLE HVAC SYSTEM

MOTOR COACH COMFORT AND EFFICIENCY.
REVOLUTIONIZED.



Awarded METRO Magazine's 2018 Innovative Solutions Award for the innovative design and use of a no-idle system with solar on a motor coach.

Meet eClimaCoach™, the innovative, eco-friendly battery electric No-Idle HVAC System expertly designed to bring your motor coach comfort and savings. Quiet and efficient engine-off operation eliminates unnecessary engine idling while maintaining your desired internal coach environment without harm to the external global environment.



Bergstrom®



THE MOST INNOVATIVE E-CLIMATE SYSTEM FOR ANY ENVIRONMENT.

Bergstrom, the most trusted name in climate systems for commercial vehicles, has now revolutionized the way motor coaches are heated and cooled.

eClimaCoach™ was developed in conjunction with the Idaho National Laboratory (INL) to produce the only battery electric no-idle HVAC system specifically tailored to the unique needs of motor coaches.

This system, along with a 1 kW solar panel also installed, was the recipient of the METRO Innovative Solutions award presented at BusCon on October 2, 2018.

YOUR MOTOR COACH JUST BECAME A WHOLE LOT MORE EFFICIENT.

THE BENEFITS

Reduced wear: Your engine deserves a break.

- Reduce engine idle time.
- Avoid cold starts: pre-heat the engine block when engine is off.
- Reduce frequency of scheduled engine maintenance.
- Reduce frequency of emissions system cleaning and maintenance.

Increased comfort: Cool down or heat up, on your terms.

- Pre-heat or pre-cool the coach interior before you even enter with wireless connectivity and auto start capability.
- Enhance AC performance of existing system.
- Maintain interior temperature for up to 4 hours with engine off.

Green: Easy on the environment.

- Decrease idle time resulting in significant fuel savings.
- Reduce emissions with no-idle operation resulting in greenhouse gas reductions.



EFFICIENCY DOWN TO EVERY DETAIL

Efficiency maximized with use of optional rooftop solar power

- 1 kW or 2 kW, 24V, flexible and durable solar panels provide additional electrical power.
- Maintain and condition batteries for increased battery life.
- Reduce starting loads and reduce normal electrical load on the alternator.
- Provide extended no-idle run time.
- Provides up to 11 kW of energy per day.

HVAC system specs

- Streamlined installation with minimal exterior modification, and use of the existing vehicle air distribution system.
- 8.7 kW AC cooling (peak)
- 2.4 kW power (peak)

