

IDLEAIRE PROVIDES MEASURABLE, LONG-TERM AIR QUALITY BENEFITS, JOBS

- ▶ The IdleAire system provides immediate, measurable, long-term air quality improvements AND approximately 20 full-time jobs per 100 equipped spaces.
- ▶ The IdleAire system removes 100% of emissions associated with extended diesel idling, including nitrogen oxide (NOx), particulate matter (PM), volatile organic compounds (VOC), carbon monoxide (CO) and carbon dioxide (CO₂). The system has a net reduction of 98% of criteria pollutants under the Clean Air Act after accounting for the electricity from the grid used to power the system, and an overall 83% net emissions reduction.
- ▶ Per 100 parking spaces each year (assuming 60% utilization), those diesel emissions amount to an estimated 71 metric tons of NOx, 1.4 tons of PM, 3.6 tons of VOC, 5,465 tons of CO₂, and 30 tons of CO. Applied to the estimated 272,000 parking spaces at commercial travel centers across the U.S., those emissions would amount to about 12.5 million tons each year.
- ▶ The IdleAire system saves 100% of the diesel fuel associated with extended diesel idling, approximately 1.0 to 1.1 gallons per hour. IdleAire could save over 525,600 gallons of diesel each year for every 100 parking spaces (assuming 60% parking space utilization). Applied to those 272,000 parking spaces, that savings could amount to about 1.7 billion gallons annually.
- ▶ IdleAire can track the emissions reduced and fuel saved. System performance is monitored remotely at the parking space level. Because IdleAire charges for services based on the amount of time the system is in use, the emissions reduced and fuel saved can be calculated.
- ▶ The IdleAire system helps make communities healthier and quieter. Research linking diesel exhaust and many of its components to health impacts has been exhaustively compiled by well-recognized organizations, including the Centers for Disease Control, the Environmental Protection Agency and others. When engines aren't idling they aren't producing emissions – or noise.
- ▶ The IdleAire system provides a resting environment for truck drivers free from the noise, vibrations and fumes, including carbon monoxide, of idling diesel engines. Rested drivers are safer drivers. Driver fatigue is believed to be a contributing factor to many accidents.
- ▶ A growing number of non-attainment, maintenance and Early Action Compact areas are considering IdleAire's Advanced Travel Center Electrification (ATE) system as a potential strategy to help achieve their air quality goals.
- ▶ IdleAire installs, operates, maintains and monitors the ATE system 24/7 with personnel at each location. There is no cost to the location for installation. Truck owners/fleets with signed agreements with IdleAire pay for services using their fuel card because of the savings in fuel costs, maintenance costs and engine wear. IdleAire shares revenue with the travel center, which more than makes up for loss of fuel sales. It is the only idling alternative that keeps the travel center whole.
- ▶ IdleAire's system provides not only heating and air conditioning to the cab of each parked truck, but also a range of communications and entertainment options. Drivers access these services through an IdleAire service module that fits in the truck's passenger window using a simple-to-install \$10 adapter the drivers carry with them. An integral Pentium-class computer with color touch screen drives each module. Each module is connected by a unique concentric hose to an HVAC unit mounted on trusses above each parking space.

IDLEAIRE SYSTEM: STANDARD SERVICES

In addition to individual central heat and air, IdleAire's standard services package includes:

- ▶ Built-in touch screen computer
- ▶ High-speed Internet accessibility via the touch screen
- ▶ USB connections for a keyboard or other accessories
- ▶ E-mail accessibility with personal E-mail accounts, AOL, Yahoo, Hotmail, etc.
- ▶ Local (free) and long distance telephone service access
- ▶ Television connection and programming
- ▶ Electrical outlets inside and out for 120-volt accessories and appliances
- ▶ On-site IdleAire personnel and a remote help desk available 24/7
- ▶ Payment is by swiping fleet card, credit card, or pre-paid IdleAire card through service module's integral card reader
- ▶ Truck owners/fleets pay the cost of standard services because of the fuel and maintenance savings, and driver retention benefits



IDLEAIRE SYSTEM: OPTIONAL SERVICES FOR DRIVERS (ADDITIONAL CHARGES)

- ▶ High-speed Internet connection for drivers with their own computers
- ▶ Wireless Internet
- ▶ Additional TV options with membership upgrades
- ▶ Movies
- ▶ Computer-based, interactive driver training