



Guest Room Energy Management System Frequently Asked Questions

Q. WHY SHOULD I BE CONCERNED ABOUT SAVING ENERGY?

A. The cost of energy is generally the second highest cost of business in the Hospitality industry. When energy consumption is reduced, profits increase. There's no reason to pay for energy not required by guests.

Saving Energy Saves Everything Including profits, while promoting your property as an environmentally green responsible business who is reducing their carbon footprint.

Q. HOW DOES THE GUESTROOM ENERGY MANAGEMENT SYSTEM SAVE ENERGY / MONEY?

A. Hotels rooms are unoccupied most of the time. Unrented rooms are empty 100% of the time. Rented rooms are unoccupied 65% of the time while guests are out sightseeing, on the beach, in meetings, or elsewhere most of the day. This means that there is a significant amount of time when you are needlessly heating/cooling an empty space. By setting back the temperature when the room is empty you are saving energy and increasing PROFITS.

Q. HOW DO I SAVE ENERGY WHEN THE ROOM IS OCCUPIED?

A. You automatically save an average of 10% by a properly installed accurate digital thermostat.

Q. HOW MUCH GUESTROOM ENERGY CAN I SAVE?

A. By automatically setting back the thermostat to more energy conserving temperatures while the rooms are unoccupied, the Guestroom Energy Management System reduces HVAC (heating, ventilating, air conditioning) consumption by 30% - 45%. This means an average reduction in utility expense of \$10.00 to \$14.00 per room each month. You will also extend the useful life cycle of your HVAC units by 30% - 45% another large savings.

Q. WHAT TYPE OF HVAC UNITS DOES THE GUESTROOM ENERGY MANAGEMENT SYSTEM WORK WITH?

A. The Guestroom Energy Management System is compatible with PTAC's, Heat Pumps, Vertical PTAC's, Fan Coils, split systems, 2 and 4 pipe systems.



Q. WILL THE GUESTROOM ENERGY MANAGEMENT SYSTEM INTERFERE WITH THE COMFORT OF THE GUESTS?

A. No/ System operation is transparent to the guest. Since guests have full control of the normal HVAC thermostat while in the room, there is no compromise of guest comfort. The Guestroom Energy Management System thermostat resets room temperature to a comfortable, management selected, energy conserving level only while guests are out. The system can be set for variable time delays. Ex. 5 or 10 minute delays before setting back, to allow normal guest actions before taking control of the HVAC unit.

Q. IS ANY INVOLVEMENT OF FRONT DESK, HOUSEKEEPING, OR MAINTENANCE PERSONNEL REQUIRED?

No! The Guestroom Energy Management System operation is totally automatic and requires no involvement of your staff. It requires no adjustment after installation and allows normal hotel operations such as cleaning, maintenance service, and hospitality functions without the need for guest or staff interactions.

Q. CAN MANAGEMENT MAKE DECISIONS REGARDING SYSTEM OPERATION?

Yes! Management may select minimum and maximum setback temperatures, minimum and maximum temperature set levels by guests, and many other operational features.

Q. WILL THE GUESTROOM ENERGY MANAGEMENT SYSTEM CAUSE ADDITIONAL HEADACHES?

A. NO! The Guestroom Energy Management System works with any HVAC unit and is simple to maintain by non-technical personnel. It requires no reprogramming of memory instructions or changing of chips to change selected features.

Q. DOES IT MATTER HOW MANY ROOMS I HAVE?

A. NO! The Guestroom Energy Management System is self-contained within each room and can be installed in small to large properties. Ex. 40 room properties to 5,000 room properties.

Q. HOW LONG DOES IT TAKE TO INSTALL AND PROGRAM A GUESTROOM?

A. A typical guest room would take 30 minutes or less.



Q. SO I HAVE TO WAIT UNTIL I HAVE LOW OCCUPANCY IN ORDER TO INSTALL THE SYSTEM?

A. NO! Due to the short time needed per room and our efficient installers working with your staff, installation can be accomplished with full occupancy.

Q. CAN THE GUESTROOM ENERGY MANAGEMENT SYSTEM HELP WITH COMPLAINTS OF STALE AIR OR A STUFFY GUESTROOM?

A. Yes, The Guestroom Energy Management System Refresh Cycle eliminates stale air and a stuffy guestroom. By cycling the HVAC unit to keep the air in the guestroom circulating, problems associated with humidity will be reduced and guestrooms will feel fresh and smell clean.

Q. CAN THE GUESTROOM ENERGY MANAGEMENT SYSTEM ALSO HELP CONTROL HUMIDITY PROBLEMS?

A. YES! In addition to the refresh cycle, Humidity Control is also available. Controlling humidity extends the life of fixtures, furnishings, and equipment as well as reduces guest complaints about musty damp guestrooms. This is an increased benefit in addition to your energy savings.

Q. DOES THE GUESTROOM ENERGY MANAGEMENT SYSTEM HELP THE HVAC SYSTEM IN ANYWAY?

A. Yes, because the Guestroom Energy Management System reduces run time, it increases the life of the HVAC units, which reduces maintenance costs.

Q. IS THERE ANY PERIODIC MAINTENANCE FOR THE GUESTROOM ENERGY MANAGEMENT SYSTEM?

A. NO, the Guestroom Energy Management System is designed so that you can set it and forget it. The Guestroom Energy Management System programs are based on actual room temperature and guest occupancy so once set, they should seldom if ever have to be changed.

Q. WHAT IS THE TYPICAL PAYBACK TIME FRAME FOR THE GUESTROOM ENERGY MANAGEMENT SYSTEM?

A. The typical payback time is approximately 12 to 24 months depending on variable factors in each hotel environment; Size and type of HVAC system; location of hotel for climatic conditions; cost of energy; occupancy patterns; type of clientele; and whether rebates are available through your electric utility provider.