



GUESTROOM ENERGY MANAGEMENT SYSTEM

And the Guest-In-Room™ Detector feature

- Passive Infrared Occupancy Detection
- Variable, Management-Selected Temperature Setbacks
- Connects to and controls any brand or type of HVAC unit.
- Fail-Safe Operation – HVAC unit will operate manually in the unlikely event of System failure
- Easy to understand, maintain, and operate by non-technical personnel.

Product Description:

GEM System® reduces wasteful HVAC consumption 35% to 45%, while improving guest service and staff efficiency. *Heating and Cooling is the largest guestroom expense and usually the second highest cost of business in the lodging industry.* Clearly, it is not necessary to pay for utilities not required by hotel guests.

The Guest-In-Room™ Detector (GRD) feature of GEM System® allows staff members (Housekeeping, Maintenance, Security, etc...) to know if a room is *actually* unoccupied... without knocking and disturbing hotel guests. It improves staff efficiency and eliminates embarrassing intrusions while guests are sleeping, dressing, showering, or on the phone. The GRD feature also acts as a service indicator so that Hoteliers and Maintenance Staff can be certain that GEM System® is operating properly and saving energy.

Target Product Applications:

GEM System® is designed specifically to work with any type of HVAC system. Typical types found in hotels are PTAC (Packaged-Terminal Air Conditioner) units, Fan-Coil Systems, and Split Systems. Energy Management is a topic that any Hotelier should have an interest in. Both small & large properties alike will realize the financial and guest service benefits of installing GEM System®.