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## ENERGY PATROL SYSTEM™

# SEQUENCE OF OPERATION

- The guest arrives at the room.
- The guestroom door is opened. The Energy Patrol System™ infrared Sensor is in the **SENSING** mode at this point.
- The guest enters the room and is detected by the Sensor.
- The Energy Patrol System™ releases HVAC unit control (air conditioner/heater) to its own thermostat.
- HVAC immediately turns on if previously left on; if not left on, guest must turn on unit.
- The Energy Patrol System™ remains in **SENSING** mode until door is closed. Guest must be detected at least once every five minutes to maintain HVAC operation until the door is closed.
- After door is closed, and guest detection occurs, Energy Patrol System™ locks in **OCCUPIED** mode within fifteen seconds. **No further detection of guest is required to continue HVAC operation.** Energy Patrol System™ has released HVAC unit and has no control of guestroom environment. The guest has complete control of room temperature while in the room.
- The room door is opened again. Energy Patrol System™ is reset from **OCCUPIED** to **SENSING** mode.
- If another person has entered, Energy Patrol System™ will again lock in **OCCUPIED** mode after the room door is closed, with no interruption of HVAC operation, providing guest detection reoccurs within five minutes.
- However, if all guests have left the room for at least five minutes, Energy Patrol System™ turns off HVAC unit thermostat. Energy Patrol System™ controls room temperature **ONLY** while guests are out.
- The Energy Patrol System™ maintains room temperature at a comfortable, energy conserving, management selected, high or low setpoint while guests are out.