

# GUESTAT™ *flushmount*

## Programmable Digital Thermostat



- Prevents Freeze Ups
- Performs 90% of the tasks of more expensive occupancy sensor systems at 25% of the cost
- Temperature Setbacks
- Internal Temperature Limits
- Paybacks as short as 3 months
- PTAC adaptable

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# SAVINGS OPPORTUNITIES

- 1. Temperature Accuracy:** Most guests know their desired temperature. The GUESTAT™ Programmable Digital Thermostat's easy-to-read display allows guests to select 72° (for instance) without guessing about less precise "high/low" or "warmer/cooler" settings
- 2. Hidden Temperature "Set Points" Eliminate Guest Cranking and Condenser Freeze Ups:** Guestat's easy operation eliminates the "habit" of guests who "crank" traditional thermostats to their extremes. GUESTAT™ displays the desired temperature, NOT the actual temperature and can be programmed not to exceed a reasonable guest comfort range (typically 66°-76°) without the guest's knowledge or inconvenience. GUESTAT™ eliminates the 3-5 degree dead bands built into bi-metallic thermostats, providing 5-10% savings.
- 3. Peak Demand "Setbacks":** The peak demand charges account for the major of electric bills. GUESTAT™ features 4 programmable time periods to "setback" temperatures, reducing peak demand charges by 15 to 20%. At each time period, GUESTAT™ can be preset for the HVAC to go off (OR setback to a more energy efficient temperature). At these times, GUESTAT™ will display the actual room temperature. If the guest notices a change in temperature during this period, they can press the warmer or cooler button and GUESTAT™ will go into occupied mode and return to the guest selected temperature. Because of low occupancy during these usual setback times, significant energy savings are achieved.
- 4. Mold/Mildew Control:** Typically, mold and mildew will not grow in temperatures below 76°; Using this GUESTAT™ setback feature, temperatures never need to exceed this important degree.
- 5. Nightlight:** The GUESTAT™ electroluminescent display acts as a nightlight With 40% of travelers leaving bathroom lights on as a nightlight, GUESTAT™ can additionally save as much as \$50 annually in energy.
- 6. Lanai Switch Input:** The GUESTAT™ lanai switch input can turn off the HVAC when sliding doors are open. The savings from this may be substantial.
- 7. Keyboard Lockout:** The GUESTAT™ offers a keyboard lockout for use in meeting rooms and common areas and can include manual or automatic fan controls.

## GUESTAT™ PRODUCT SPECIFICATIONS

### Flushmount Digital Programmable Thermostat

<b>Electrical Rating</b>	24 VAC
<b>System Configurations</b>	Heat Pumps, Fan Coils, PTACs and Split Systems
<b>Temperature Range</b>	35 ° to 99 °
<b>Size</b>	3.25" X 4.75"
<b>Color</b>	Off – White
<b>Display</b>	Thermoglow continuous lit electro-luminescent display
<b>Readout</b>	Can be set to Fahrenheit or Centigrade
<b>Temperature Selection</b>	Temperature is set by pushing Warmer or Cooler buttons by 1° increments
<b>Fan Speed</b>	Automatic two speed control – cooling uses high and low - heating uses medium and low Manual selection can be any available speed
<b>Automatic Changeover</b>	Automatically switches between heating and cooling. Temperature Dead Band is adjustable between 1 – 6 degrees
<b>Input</b>	Input available from any NO or NO dry contact
<b>Latching Scheme</b>	Dry contacts may be momentary or maintained
<b>Setpoint limits</b>	Internal limiting setpoints cannot be exceeded by display setpoint
<b>Heat/Cool Delta</b>	Minimum Heat/Cool setpoint difference
<b>Electric Heat</b>	Fan will run anytime there is a heat demand
<b>Keypad Lock</b>	To prevent unauthorized use, front buttons may be disabled

#### **Options:**

**OS-50 Occupancy Sensor**  
**PMS System Interface**  
**Energy Management Interface**  
**Peak Demand Reduction System**  
**Lanai Switch**