

verdant®



SAVE 40%*
OF YOUR HEATING
& AIR-CONDITIONING

VX Series

ENERGY SAVING THERMOSTAT

SAVING ENERGY IS AS EASY AS 1-2-3...

Verdant's VX Series thermostats use real-time occupancy detection to save energy. When rooms are unoccupied, thermostats automatically adjust temperature to eliminate unnecessary heating and air-conditioning. Web based remote management allows monitoring and configuring of Verdant VX Series thermostats via the internet from your computer, tablet or even phone.†

1-2-3-4-5

Verdant VX Series thermostats are pre-configured with 5 distinct energy savings presets that are based on years of experience of proven energy savings in thousands of hotel rooms.** Patent pending energy saving presets allow VX series thermostats to maximize energy savings without compromising guest comfort as stand alone units or as part of a remotely managed energy management system.†

Verdant Environmental Technologies, 5667 Royalmount Avenue, Montreal, Quebec, H4P 2P9, Canada, +1.514.344.4448, www.verdant.info
US PATENTS: 8,369,994; 8,141,791; 7,918,406; 7,841,542; 7,838,803; RE40,437; 7,232,075; 7,185,825; 7,156,318; 7,152,806; 7,145,110; 7,058,477; 7,050,026; 7,028,912; 6,902,117; 6,789,739; 6,786,421; 6,619,555; 6,581,846; 6,578,770; CANADIAN PATENTS: CA2615065; CA2633113; CA2633121; CA2633200; OTHER PATENTS PENDING.

Reliable Occupancy Detection

Built-in Occupancy Sensor uses a combination of motion and thermal sensing technologies for accurate occupancy detection - no need to install additional devices such as door switches or separate occupancy sensors.

Patented "Night Occupancy" ensures guest comfort at night - unlike other occupancy detection devices, Verdant thermostat will not turn off heating or air conditioning in the middle of the night while guests are asleep.

Intelligent Occupancy Analysis differentiates between incidental and guest occupancy to completely eliminate unnecessary energy use.



Effortless Installation

Wired or Wireless Connectivity facilitates installation and minimizes installation costs.

Wireless Thermostats connect to the HVAC unit via a wireless receiver, making it the ideal choice for installations where thermostat wiring is not available.

Wired Thermostats use standard thermostat wiring to connect to the HVAC unit, making it easy to simply replace an existing thermostat.

Extraordinary Energy Saving Results

Hospitality properties with Verdant EMS technology on average reduce their guest-room HVAC energy consumption by more than 40%.^{*}

^{*} Energy Saving Reports are based on data from actual properties with Verdant EMS technology.



Energy Saving Features

Fully configurable energy saving features maximize energy savings without compromising guest comfort

- **Temperature Setback** automatically adjusts the temperature when the room is unoccupied in order to save energy.
- **Temperature Recovery** calculates the setback temperature so that the desired temperature can be restored within specified time.
- **Setback Optimization** continuously monitors temperature recovery rate in the room and adjusts setback temperature to maximize energy savings.
- **Setback Limits** allow maximum and minimum room temperature to be set when the room is unoccupied.
- **Set Point Limits** prevent guests from setting room temperature to extreme, energy-wasting levels.

Superior Wireless Networking

Built-in Wireless Networking enables remote management without using or interfering with property's existing wireless infrastructure. True mesh networking eliminates the need for additional networking equipment such as signal repeaters or multiple data collection boxes.

Comprehensive Remote Management[†]

Remote management website allows remotely monitoring and configuration of thermostats through the Internet:

- **Room Status** displays operation, occupancy and energy efficiency status of each room.
- **Room Detail** displays temperature and occupancy changes in a room.
- **Energy Reports** monitor energy use and can even evaluate the performance of energy saving features.
- **Intuitive Interface** makes it easy to apply different settings to different rooms.
- **User Management** allows configuration of custom access permissions and alert notification settings for different users.
- **Built-in Diagnostic Tools** automatically send email alert notifications to hotel staff.

[†] Requires an "Online Connection Kit" (Part Number: V8-OL-KT) and a service subscription. Additional fees apply.
^{**} Optional. Certain models only.

