

Verdant Energy Management Solutions



Reduce HVAC runtimes by 40% with Verdant's plug & play, award winning energy management system

verdant®


EMERSON

The Verdant Energy Management System Explained

On average, your rooms are unoccupied more than 60% of the time, even when rented, wasting energy heating and cooling empty rooms, and unnecessarily inflating your electricity costs.

That's where we come in. Our smart thermostats solve this problem by using advanced occupancy sensing technology to continuously scan the room for motion and body heat. When guests are present, they're given full control over room temperature.

When guests leave the room, Verdant thermostats enter 'setback mode', allowing room temperatures to drift naturally by a few degrees, reducing **HVAC runtimes by 40% on average.**

And when our own energy experts remotely manage all your thermostats using advanced cloud-based software, you get optimal savings year-round, without any involvement from your staff or discomfort to your guests.

Installing our energy management system is simple. Your property staff can easily install our smart thermostats in less than 10 minutes per room. The units then start communicating with each other wirelessly, creating a 100% wireless network that can be used by our energy experts to manage your network. Verdant's proprietary communication protocol leverages low frequency radio waves that easily penetrate thick walls and cover long distances, eliminating the need for additional networking equipment and keeping your WIFI network free of any interference.

Most properties achieve annual savings of 15-20% on their utility bills, and a payback period between 12-18 months*. That's thousands of dollars back in your pocket every year.

It's also a significant boost to your property's overall value. That's because every dollar saved in electricity costs increases the resale value of your property by 13X**, generating an incredible return on invested capital. Very few investment opportunities will offer so much upside in such a short time.

WHY CHOOSE VERDANT?



Optimal Savings

Optimizes settings in real time, ensuring you get the maximum energy savings possible.



Fully Automated

Automates energy management at your property, without any involvement from your staff.



Complete Coverage

Verdant EI™ includes a complete warranty on all hardware and all software updates.



Quick Payback

Cuts room HVAC runtimes by 40% on average*, and typically pays for itself in 12-18 months with utility rebates covering up to 100% of costs*.



Self-Installs

Your staff can self-install each thermostat in less than 10 minutes.



Compatibility

Verdant thermostats are compatible with most PTACS, VTACS, split units and fan coil systems.

*Actual savings may vary according to utility cost, climate, available rebates, and other variables.

** Enterprise Value Multiples by Sector
http://pages.stern.nyu.edu/~adamodar/New_Home_Page/datafile/vebitda.html

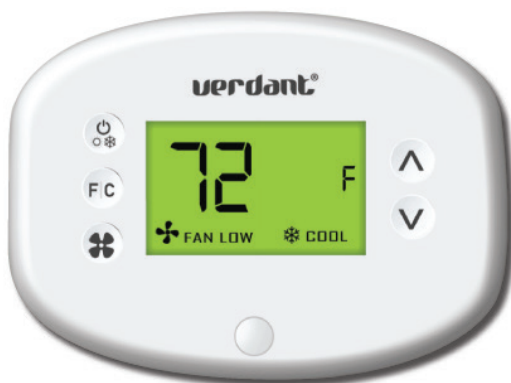
Our Solutions



Verdant ZX Series thermostat

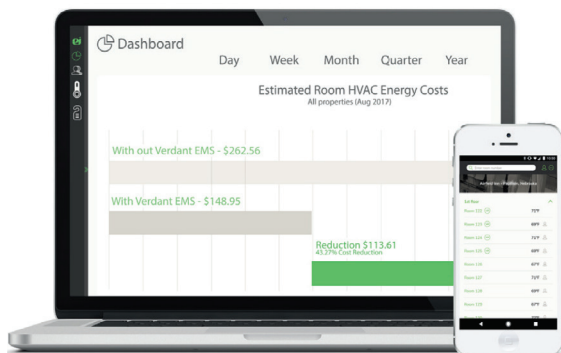
Our flagship thermostat, Verdant ZX packages the power of our patented energy management technology in an intuitive, trendy design that is sure to delight guests while generating significant cost savings for you.

Built with simplicity and modernity in mind, Verdant ZX includes the latest technologies including built-in Zigbee compatibility, 10-minute self-install, and full online access, 24/7.



Verdant VX Series thermostat

Our field-proven Verdant VX thermostat is robust, reliable, and offers unparalleled value for property owners. Trusted by thousands of hotels throughout North America, Verdant VX comes with all the great features that made Verdant a preeminent leader in guestroom energy management technology.



Verdant EI™

Verdant EI is our energy management service, designed to ensure that your Verdant energy management system is continuously finetuned in order to maximize energy savings without impacting guest comfort, all without any involvement from your staff.

Verdant EI includes smartphone and web apps where you can view savings in real-time, view room status and control room settings, and access real-time occupancy information to facilitate housekeeping and maintenance tasks.

Best of all, Verdant EI comes with a lifetime warranty on all hardware, and continual access to software updates, so you'll be able to take advantage of the many great software features we've got planned for the future.

Comparison Chart



Product	ZX Thermostat	VX Thermostat
Wired	✓	✓
Wireless	✓	✓
Occupancy Detection	✓	✓
Patented Night Occupancy Mode	✓	✓
Dynamic Intelligent Recovery	✓	✓
Display	e-paper	LCD
Online Management	✓	Optional
Humidity Control	✓	✓
Verdant EI	Optional	Optional
Line Voltage	✓	✓
Fan Speeds	3	3
Relays	7	6
Batteries	2x AAA	2x AA
10-Minute Self Install	Yes	Yes
Remote sensors for occupancy, temperature and door/window closing	Optional	Optional



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