VX4 Wired Energy Management Thermostat with PIR Occupancy Detection

The Verdant VX4 Series Thermostat delivers unprecedented energy savings without compromising comfort in a sleek and modern design with fingerprint resistant glass.

Key features

Energy Savings

Reduce HVAC runtimes by 45% on average with our energy management system that allows full customization of energy savings to fit any situation.

Seamless Networking

Connect up to 1,000 rooms through one hub with our built-in wireless mesh-networking that does not interfere with your Wi-Fi network.

Plug & Play Installation

Whether you're retrofitting an existing property or breaking ground on a new construction, our thermostat can be self-installed in less than 10 minutes per unit.

Smart Integrations

Verdant integrates with industry-leading smart room technology, property management software, door locks and lighting solutions.

Online Management

Our easy-to-control interface, real-time alerts and notifications and monthly reporting makes it simple to manage your properties. Get access to additional reporting and priority customer support with Verdant Plus to ensure you reach your savings and sustainability goals

Utility Rebates & Incentives

Verdant partners with utility companies across the country to offer generous rebates that help reduce your initial investment cost.

The VX4 works seamlessly with virtually every HVAC system, making it the perfect fit for your HVAC system setup.

- PTAC/PTHP
- VTAC/VTHP
- FCU, 2/4 Pipe, ECM/ PSC Motor
- Split Units
- WSHP
- Others

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Thermostat Specs

Mechanical	
Case dimensions	5.60" x 3.46" x 0.91" (142mm x 88mm x 23mm)
Screen dimensions	2.60" x 1.65" (66mm x 42mm)
Operating temperature	32-105°F (0 - 41°C)
Display temperature range	32-99°F (0-41°C)
Setpoint temperature range	64-85°F (18-29°C) adjustable
Terminals*	Fan High (GH) Heat Pump (OB) Fan Low (GL) Heat (W) Compressor (Y) AUX 1 (dry contact)

Standard configuration. All terminals are reconfigurable.

Sensors	
Temperature Accuracy	± 1°F
Built In Occupancy Sensor	Yes
Built In Occupancy Sensor Specs	Passive InfraRed (PIR) with detection range of ±47° (94°)
Compatible with Verdant Window/Door Sensors	Yes
Compatible with Verdant Wireless Occupancy Sensors	Yes
Compatible with Verdant Wireless Temperature Sensors	Yes

Electicial	
Operating Voltage	Operating Range 12-27 VAC/VDC

Communications	
Wireless Frequency	902-928MHz (NA) 863-870MHz (EU)
Mesh Network	No provisioning needed. Proprietary Sub-GHz communication protocol
Bluetooth	2.4 GHz; used during commissioning, triangulation, and communication to wireless sensors
Zigbee	Module available for Zigbee based in room integrations

Integrations	
Lighting	Yes
PMS	Yes, requires networking
Door Lock	Yes, requires networking
BACNet	Yes, requires networking
API	Yes, requires networking
Demand Response	Yes, requires networking

Certifications		
North America Certifications	ENERGY STAR: 3555667 FCC ID: 2A4JN-VX4001 IC: 28229-VX4001	
Europe Certifications	CE: Yes REACH: Yes	ROHS: Yes WEEE: Yes

Verdant Accessories

Verdant Window/Door Sensor	ZX-DWS
Verdant Wireless Occupancy Sensor	ZX-AOS
Wireless Temperature Sensor	ZX-TWS
Online Connection Kit	ZX-OL-U
Wallplate	ZX-WPT-ML
Lighting Integration Accessories	ACC-LIT-XXX

To learn more, visit verdant.copeland.com

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