ENERGY STAR CERTIFIED

Smart Thermostats

Verdant - VX4-*TW-* : VX4-*TW-*

Specifications

ENERGY STAR Unique ID:	3543493
ENERGY STAR Partner:	Emerson
Service Brand Name:	Verdant
Service Model Name:	VX4-*TW-*
Service Model Number:	VX4-*TW-*
Thermostat Brand Owner:	Copeland Comfort Controls LP
Thermostat Brand Name:	Verdant
Thermostat Model Name:	VX4
Thermostat Model Number:	VX4-TW
Standby Power (W):	0.81
Thermostat Heating and Cooling Control Features:	External Temperature Detection,Additional Home Temperature Sensor,Other,Additional Occupancy Sensor,Humidity Sensing,Occupancy Sensor on Device
Other Heating and Cooling Control Features:	Temperature Setback, Runtimes
Thermostat Communication Method:	Bluetooth,Zigbee,Other
Communication Method Other:	900MHz Mesh
Demand Response Summary:	Verdant Thermostats deliver cutting-edge demand response capabilities to commercial and multifamily properties across diverse utilities. In 2023, our success in implementing demand response spanned multiple utilities in North America. Verdant offers a user-friendly interface for load managing entities and demand response aggregators to effortlessly create and configure demand response events for multiple properties simultaneously. These events are highly customizable, accommodating different user groups. Our Demand Response API seamlessly integrates with Demand Response Management Systems (DRMS) service provider platforms, providing control to demand response firms for configuring events for end customers. This API enables units to be pre-cooled or pre-heated before an event, with options for gap periods, followed by the demand response event. Residents are kept informed with a distinct DR icon on the thermostat. They retain control, easily opting out by adjusting the setpoint. Our APIs support both batch and event-level configurations for demand response, with options to check status and delete events as needed. Crucially, our APIs also allow aggregators/utilities to create critical DR events, ensuring these cannot be opted out by residents. Furthermore, valuable feedback on event opt-outs, overrides, and load shed performance is available through the API to the Load Managing Entity.
Date Available on Market:	2024-06-17
Date Certified:	2024-06-13
Markets:	United States, Canada

ENERGY STAR Certified:	Yes

Captured On:
06/18/2025