

# VX Series Energy Management Thermostat

## Model: VX-TR-HCR-W Wired Hilton Connected Room Thermostat

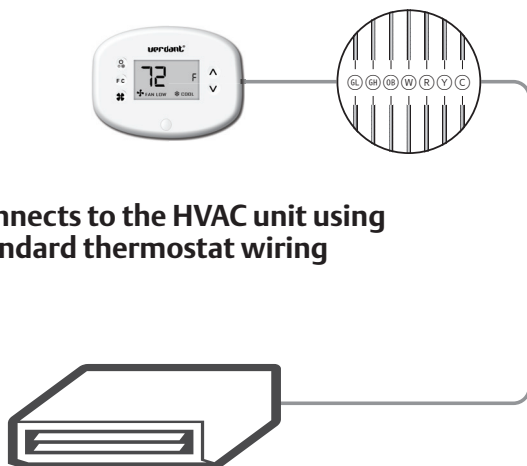
- > **Compatible with Hilton Connected Room**
- > **Allows guests to control room temperature from Hilton Honors app**
- > **Uncompromising Guest Comfort**
- > **Quick-and-Easy Installation**
- > **Powerful Energy Management Features**
- > **Online management capabilities\***

The Verdant VX Series Hilton Connected Room compatible thermostat allows guests to control temperature directly from the Hilton Honors app.

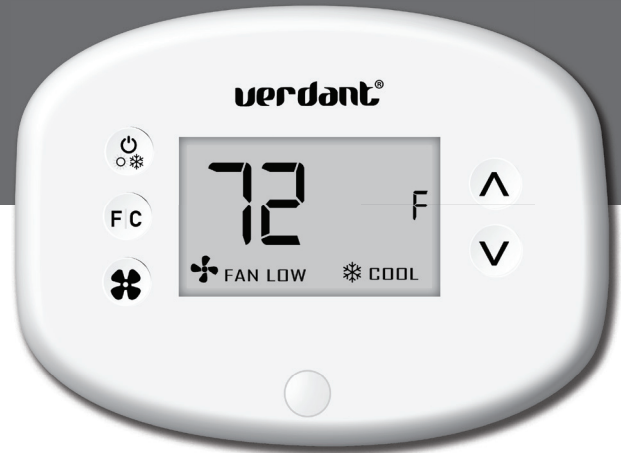
An Integrated occupancy sensor allows for optional energy saving when rooms are unoccupied.

A patented “Night Occupancy” feature ensures comfort while guests are sleeping. Fully configurable settings allow for customization of energy savings to fit any situation.

- **Temperature Setback** automatically adjusts the temperature when rooms are unoccupied to save energy.
- **Temperature Recovery** allows for setting a maximum time permitted for establishing a comfortable room temperature.
- **Setback Optimization** monitors the temperature recovery rate and optimizes setback temperatures.
- **Setback Limits** control the maximum and minimum room temperature when a room is in setback mode.
- **Set Point Limits** prevent guests from setting the room temperature to extreme, energy-wasting levels.



**Connects to the HVAC unit using standard thermostat wiring**



### Typical HVAC Applications

- PTAC with Electric Heat
- FCU 2-Pipe, 2 Fan, with Electric Heat
- Heat Pump, 2 Fan, with Electric Heat
- FCU, 2/4-Pipe, ECM Fan
- PTHP with Electric Heat
- FCU 4-Pipe, 3 Fan
- WSHP, 2 Fan, with Electric Heat
- VRF Systems (Part # VX-RSW-HCR-W)

	Thermostat
Case Dimensions (Imperial)	4.02 x 5.51" x 0.93"
Case Dimensions (Metric)	102mm x 140mm x 23.5mm
Screen Dimensions (Imperial)	3.63" x 2.13"
Screen Dimensions (Metric)	92mm x 54mm
Operating Voltage	24VAC
Control Outputs	Fan High (GH)
	Fan Low (GL)
	Compressor (Y)
	Heat Pump (OB)
	Heat (W)
Occupancy Sensor Beam Width	±47° (94°)
Wireless Frequency	900MHz
Temperature Accuracy	±1°F
FCC ID	XEYWXWU
IC	8410A-WXWU



THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

PURSUANT TO PART 15.21 OF THE FCC RULES, ANY CHANGES OR MODIFICATIONS TO THIS EQUIPMENT NOT EXPRESSLY APPROVED BY VERDANT ENVIRONMENTAL TECHNOLOGIES, INC. MAY VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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.

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