

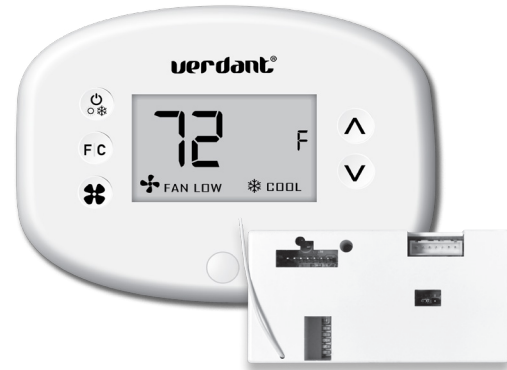
VX Series

Energy Management Thermostat

Model: VX-T6-KT

Energy Management Thermostat with Lighting Control

- Easy-to-use Thermostat
- Unparalleled Energy Savings
- Uncompromising Guest Comfort
- Quick-and-Easy Installation
- Aux Output For Control Of External Devices
- Remote Management Capabilities*



Control Card Installation - Wiring Table (A)

The Verdant VX Series Thermostat delivers unprecedented energy savings without compromising guest comfort.

An Integrated occupancy sensor reduces HVAC and Lighting energy use when rooms are unoccupied.

Energy saving presets eliminate guesswork and make it easy to adjust the energy saving settings.

A patented "Night Occupancy" feature ensures comfort while guests are sleeping.

Built-in wireless mesh-networking enables optional remote management features.

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.

Wiring Table - 24V AC

Wire Color	Terminal Letter	Terminal Connection
BLACK	C	COMMON
RED	R	24V
YELLOW	Y	COMPRESSOR
WHITE	W	HEAT
ORANGE	O/B	REVERSE VALVE
GREEN	GH	FAN HIGH
PURPLE	GL	FAN LOW
BROWN	AUX	HVAC AUX

Wiring Table - 24V DC

Wire Color	Terminal Letter	Terminal Connection
BLACK	R	24V
RED	C	COMMON
YELLOW	Y	COMPRESSOR
WHITE	W	HEAT
ORANGE	O/B	REVERSE VALVE
GREEN	GH	FAN HIGH
PURPLE	GL	FAN LOW
BROWN	AUX	HVAC AUX

Thermostat to Power/Lighting Relay - Wiring Table (B)

Wiring Table - 24V AC

Wire Color	Terminal Letter	Terminal Connection
BLACK	C	COMMON
RED	R	24V
PURPLE	GL	AUX LIGHTING RELAY

Wiring Table - 24V DC

Wire Color	Terminal Letter	Terminal Connection
BLACK	R	24V
RED	C	COMMON
PURPLE	GL	AUX LIGHTING RELAY

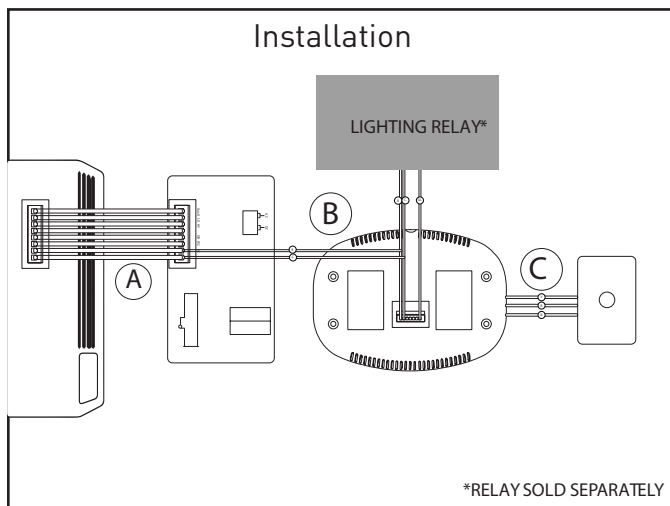
Thermostat to Entryway Occupancy Sensor - Wiring Table (C)

Wiring Table - 24V AC

Wire Color	Terminal Connection
YELLOW	OCC. SIGNAL
RED	24V
BLACK	COMMON

Wiring Table - 24V DC

Wire Color	Terminal Connection
YELLOW	OCC. SIGNAL
RED	24V
BLACK	COMMON



	Thermostat	Wireless Control Card
Case Dimensions (Imperial)	4.02 x 5.51" x 0.93"	3.875" x 2.125" x 0.75"
Case Dimensions (Metric)	102mm x 140mm x 23.5mm	98mm x 54mm x 19mm
Screen Dimensions (Imperial)	3.63" x 2.13"	N/A
Screen Dimensions (Metric)	92mm x 54mm	N/A
Operating Voltage	3V DC - 2 "AA" Cell Batteries	24V AC/DC (HVAC Unit)
Control Outputs		Fan High (GH)
		Fan Low (GL)
		Compressor (Y)
		Heat Pump (OB)
		Heat (W)
		Occupancy Out (Aux)
Occupancy Sensor Beam Width	±47° (94°)	N/A
Wireless Frequency	902-928MHz	902-928MHz
Temperature Accuracy	±1°F	N/A
FCC ID	XEYWX	XEYV8ACCC
IC	8410A-WX	8410A-V8ACCC