Thermostat
Low Voltage (24VAC), Line Voltage (120/277VAC)

Energy saving HVAC control without sacrificing comfort or convenience.
The Verve® Thermostat integrates easily with other Verve products to provide extraordinarily simple solutions for intelligent control of energy used through HVAC systems. To achieve maximum efficiency through occupancy based control of energy use, simply link the thermostat to a Verve occupancy sensor and the temperature will automatically be set back whenever the space has not been occupied for a predetermined period of time. The thermostat can also be linked to any Verve rocker pad to enable one touch HVAC set back that is as simple as flipping a switch.

Features & Benefits

- Supports customizable wireless setback control of temperature based on occupancy.

- Built in menu features wide array of settings to enhance customization and improve system compatibility.

- Integrated port enables rapid cloning and deployment of customized settings in facilities with multiple thermostats.

- Compatible with 24VAC as well as 120VAC - 277VAC multi-stage conventional or heat pump systems.

- Wirelessly integrates with lighting, fans and receptacles enabling convenient and efficient control.

Verve
living systems

Thermostat *(24VAC, 120/277VAC)*

Specifications

Input Voltage	**Low Voltage:** 24VAC **Line Voltage:** 120/277VAC		
Load Rating	**Voltage**	**24VAC**	**120 VAC**	**277 VAC**

Load Rating	Voltage	24VAC	120 VAC	277 VAC
	Fan	1.5A	5.8A	2.4A
	Heat/Cool	1.5A	1.0A	.45A

Temperature Monitor Range	32°F to 99°F *(0°C to 38°C)*
Temperature Set Point Range	60°F to 85°F *(15°C to 30°C)*
Sampling Rate	Every 5 seconds
Accuracy	+/- 1°F
Fan Control	Selectable - Auto Cycle, Low, Medium, High, Economy, OFF
Transmission Range	80ft. *(25m)*
Radio Frequency	315MHz EnOcean RF
HVAC System Types	PTHP *(up to 4 Heat, 2 Cool stages)* PTAC *(up to 2 Heat, 2 Cool stages)* 2 Pipe Fan Coil with/without auxiliary heat 4 Pipe Fan Coil
Dimensions	5″ H x 3.5″ W x 1.38″ D *127mm x 88.9mm x 35mm)*
Mounting	Wall mounted or mounted to the 1 gang electrical switch box
Agency Listing	**Low Voltage:** FCC, I.C. **Line Voltage:** UL, FCC, I.C.
Warranty	5 years

Ordering information

Item Number	Item Description	Color
X4103100W3VN	Thermostat, 24VAC	White
X41031L0W3VN	Thermostat, 120/277VAC	White

Typical Applications

The Verve® Thermostat can be used with most common HVAC systems and a variety of Verve sensors and controls to save energy. Link the thermostat to a Verve occupancy sensor and the sensor will send a wireless signal to set back the thermostat when a room is not in use.

Door/Window Sensor
VDWS-W

Occupancy Sensor, Wall
VOSW-W (shown)
Occupancy Sensor, Ceiling
VOSC-W

Rocker Pads
Single: VRP-W
Double: VDRP-W

In-Line Switch Module
VISM-W