

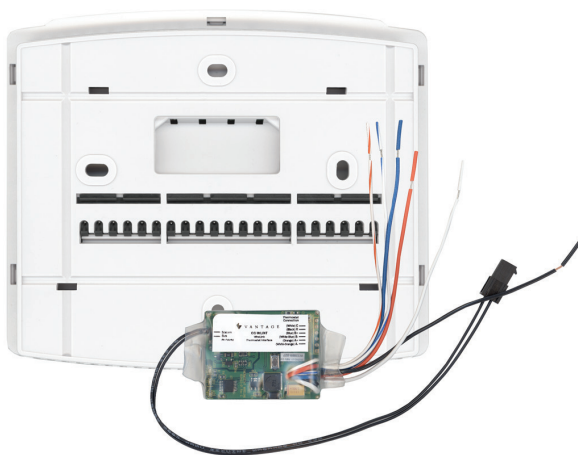
# VANTAGE COMMUNICATING THERMOSTAT

## User Interfaces



The new model CC-STAT Vantage Communicating Thermostat provides the comfort and energy efficiency your customers expect with easy installation and full InFusion integration. The CC-STAT may function as a stand-alone HVAC thermostat; however, the system user will experience enhanced and simplified control when the CC-STAT is integrated with the InFusion system. LCD interfaces and touchscreens provide the interface and the CC-STAT, installed near the HVAC system, provides the control. When combined with the Thermostat Interface Station, this multi-function thermostat is compatible with most residential HVAC systems, including single-stage, heat pump, multi-stage and control of humidifier and dehumidifier systems.

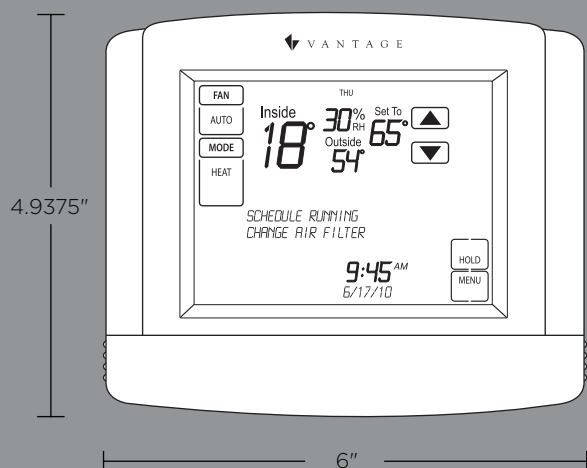
An additional benefit to the Vantage communicating thermostat is that it can directly receive signals from both internal and external sensors, eliminating the need for additional hardware to interpret the signal. Internal and external temperature readings are easily visible on the thermostat display or transmitted to Vantage touchscreens giving the homeowner integrated and instant access and control of their home's environmental and comfort systems.



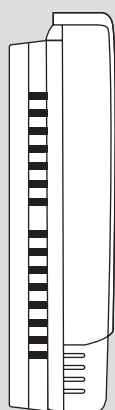
## Product Highlights

- One thermostat for all applications - works with single-stage, heat pump, multi-stage and control of humidifier and dehumidifier systems.
- On-board relative humidity sensor configurable to control humidifier and dehumidifier
- Communicates with InFusion controller, Vantage touchscreens, and mobile apps for remote operation and feedback
- Direct connection of outdoor or indoor sensors
- Allows for temporary override of Vantage System without altering initial programming
- Automatic set points controlled through the Vantage System
- Backward Compatible

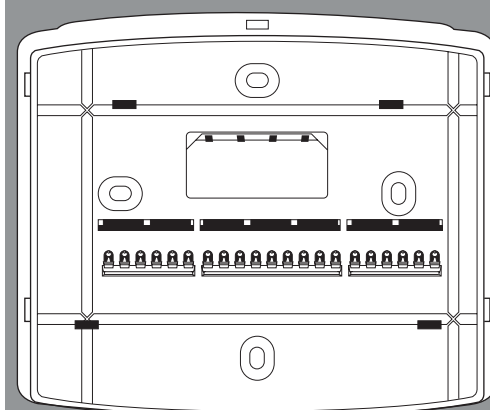
# Vantage Communicating Thermostat



FRONT VIEW



SIDE VIEW



BACK VIEW

## Specifications

### Dimensions, HWD

Thermostat Dimensions

4.9375" H x 6" W x 1.3125" D  
125.4mm H x 98.4mm W x 49.2mm D

### General Specifications

Model	CC-STAT
Weight	15 oz (.425kg)
Power Draw Maximum	86.4 mA rms - This value is with 24 VAC input voltage and backlight ON
Power Draw Typical	21.6 mA rms - This value is with 24 VAC input voltage and backlight OFF
Power Input	18-30 Vac (24VAC nominal), 50/60Hz
Maximum Load Per Terminal	1 amp
Maximum Load All Terminals	2.5 amp
DC Power	3.0 Volts DC (2 "AA" Alkaline batteries included)
Compatible Systems	Standard gas, oil, electric Single stage/heat pump/multi-stage
Terminal Designations:	Rc, R, W, Y, G, C, S1, S2, O, B, L, W2, Y2, T1, T2 C, B, O, Y, Y2, G, RC, R, W2, WL, S2, S1, T1, T2, A-, B-, A+, B+, RSA, RSB
Rated Output Current	0.001 A to 1 A continuous per output with up to 5 A surge (half cycle)
Control range:	45° to 99°F (7° to 32°C)
Display range:	32° to 99°F (0° to 40°C)
Accuracy:	± 1°F (± .5°C)
Storage temperature:	-30° to 140°F (-34.4° to 60°C)
Operating humidity:	5% to 90% relative humidity
Operating ambient temperature:	32° to 120°F (0° to 48.9°C)
Shipping temperature range:	-30° to 140°F (-34.4° to 60°C)
Typical Control Accuracy	± 1°F at 68°F / ± 0.5°C at 20°C
System Requirements	Each Vantage thermostat requires a thermostat interface, RadioLink or WireLink

### Optional Parts and Kits

CC-RLINT	RadioLink Thermostat Interface
CC-WLINT	WireLink Thermostat Interface
CC-TEMPSUP	Temperature Support Module
CC-HUMIDSUP	Relative Humidity Support Module
STAT-AUXS	3 to 4 Wire Converter
SENSOR-SMT	Surface Mount Temperature Sensor
FLUSHSENSOR	Flush Sensor
SENSOR-ODT	Outdoor Temperature Sensor
CC-STAT-WL-KIT	Vantage Universal Thermostat including a CC-RLINT
CC-STAT-RL-KIT	Vantage Universal Thermostat including a CC-WLINT

### System Compatibility

InFusion