i-Vu® Building Automation System
Connect™ Plus Thermostat

Part number: 33TCSPL-4

Carrier's Connect Plus Thermostat offers control of your building's heating, ventilation, and air-conditioning (HVAC) system via Wi-Fi® through the Connect smartphone mobile app, web interface, and any BACnet-compliant building management system (BMS), including the Carrier i-Vu building automation system.

Hardware Features

- **Responsive Touchscreen:** 4.3" responsive LCD touchscreen for easy viewing and operation
- **BACnet:** MS/TP port for easy integration with the i-Vu system or any BACnet-compliant BMS
- **Sensors:** Onboard temperature, humidity, or CO_2 plus remote sensor options
- **Direct Wi-Fi® Access:** Easily connect to your building's network
- **Slim Profile:** Blends easily into any building's decor and environmental surroundings

Application and System Features

- **Display:** Celsius or Fahrenheit
- **Applications:** Supports up to 4 heating and 3 cooling stages with various new or existing HVAC equipment with 24 VAC control
- **7-Day Scheduling:** Precisely adjust optimum comfort setpoints to achieve energy savings
- **Demand Response Ready:** For participation in local demand response programs
- **Over-the-Air Software Updates:** Directly sent over Wi-Fi network without having to manually check for updates
- **Control:** Make basic temperature, comfort and efficiency adjustments easily and quickly
- **Alerts:** Notification through SMS text and eMail of any critical issues
- **Embedded Contractor Info:** Lets you know who to contact for service
- **Local Access Security:** Provides selective access for authorized individuals
- **Smartphone App and Web Portal:** Configure using your internet-connected Smartphone, PC or Tablet from anywhere or anytime... in real time
- **Bluetooth Commissioning:** Effortless setup for Connect Thermostat via Bluetooth

Visit connectstat.carrier.com and create an account.

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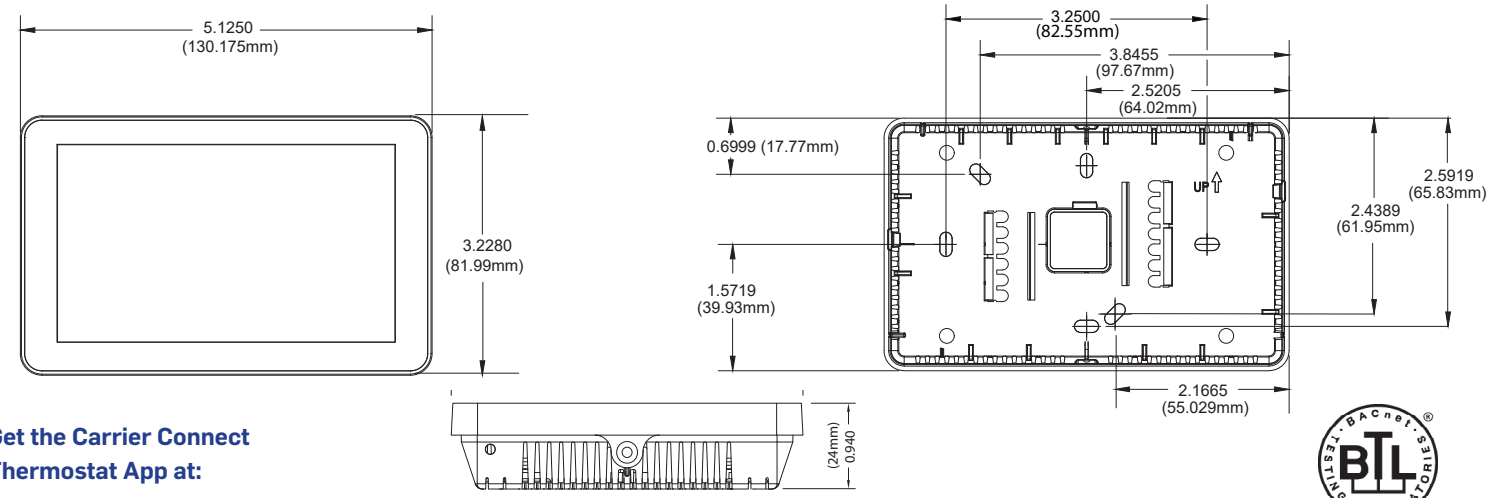
Specifications

BACnet Conformance		Conforms to the BACnet Application Specific Controller (B-ASC) as defined in BACnet 135. Tested to and listed to Protocol Revision 14 (135-2012).
Power Requirements		**R,C** 24 Vac 50/60 Hz @ 6VA
Communication		**A+, B-** BACnet: MS/TP with baud rates up to 115.2 kbps. Max 127 devices. Wi-Fi: 802.11 a/b/g/n
Real-Time Clock		Real-time clock keeps track of time in the event of a power failure for up to 7 days.
Display		Color Capacitive Backlit Touchscreen, °F or °C Selectable
Input	**T-C**	Remote Temperature Sensor 10K Type II. Software selectable for: Remote Temp (33ZCT55SPT), Outside Air Temp (33ZCSENOAT), Duct Temp (33ZCSENSAT)
	H-C	Relative Humidity Sensor (0-10 volt or 4-20 mA) : Wall Mounted RH Sensor (33ZCSENSRH-02), Duct RH Sensor (33ZCSENDRH-02), Outdoor RH Sensor (33ZCSENORH-02), Wall Mounted Temp/CO2 Sensor (33ZCSPTCO2-01)
Outputs		**G,W1,W2,Y1,Y2,Y3,O** Minimum Load = 1000 ohms Maximum Load = 1.25 A, 50% power factor
Environmental Operating Range		32° to 104°F (0° to 40°C), 10 to 95% relative humidity, non-condensing
Compliance		FCC Part 15, Subpart J compliant Title 24 compliant IECC 2015 compliant
Physical		Dimensions: (H x W x D): 3.23 in. (82mm) x 5.13 in. (130mm) x .94 in. (24mm) Weight: approximately .75 lb (340g) Lead-free design
Mounting		Wall mount on a standard 4" x 2-1.2 x 2" electrical box



Get the Carrier Connect Thermostat App at:

Download on the App Store | GET IT ON Google Play

For more information, contact your local Carrier Controls Expert.

Controls Expert Locator:
www.carrier.com/controls-experts

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