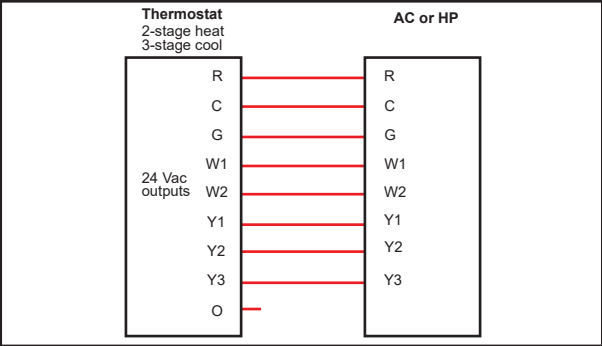


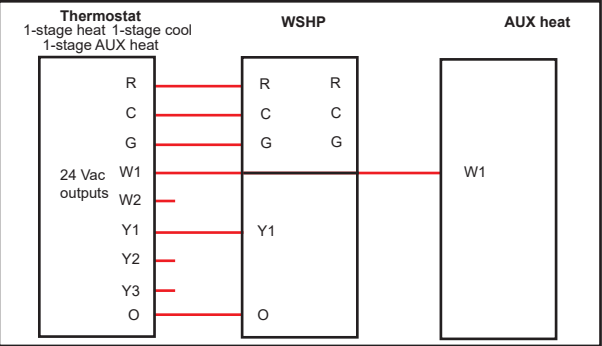
WIRING DIAGRAMS

PACKAGED ROOFTOP UNITS

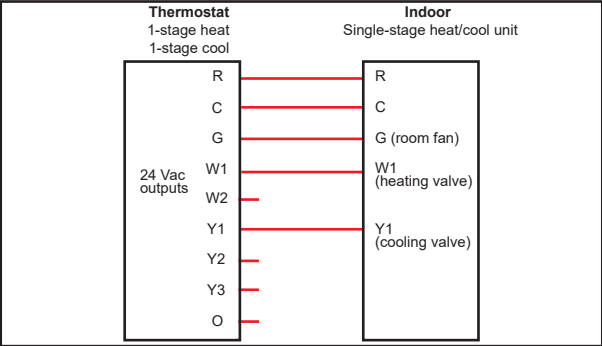


WIRING DIAGRAMS

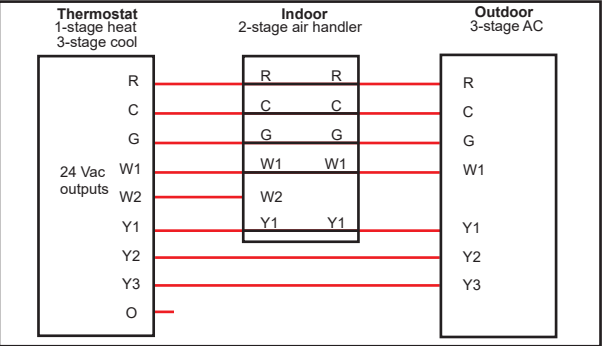
WATER SOURCE HEAT PUMP



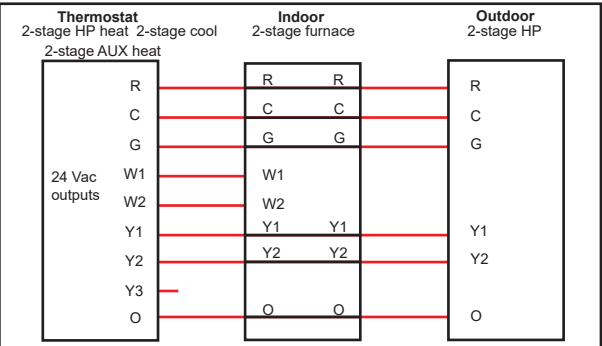
HYDRONIC FAN COIL



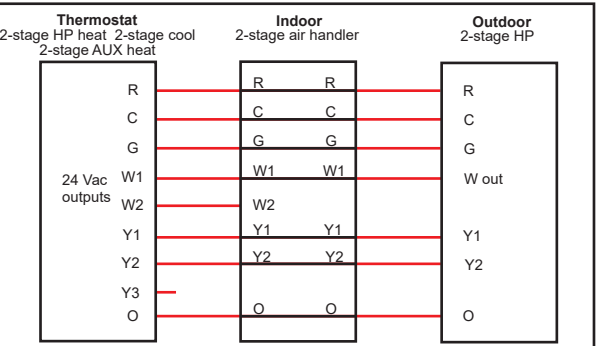
AIR HANDLER OR DX FAN COIL/AC SPLIT SYSTEM



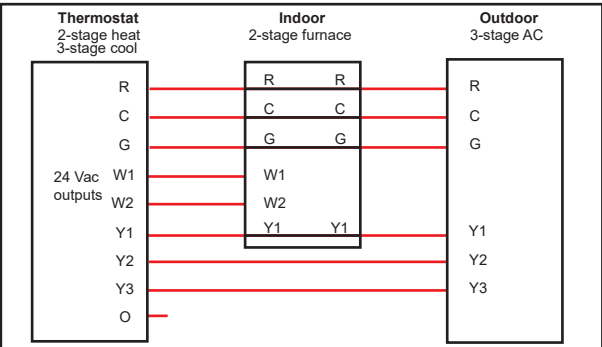
DUAL FUEL SYSTEMS



AIR HANDLER OR DX COIL/HEAT PUMP SPLIT SYSTEM



FURNACE/AC SYSTEMS



Carrier® Connect™ Wi-Fi® Commercial Thermostat  
Part #: 33CONNECTSTAT43



Quick Start Guide

**FREE CONNECT APP AVAILABLE**  
at [www.carrier.com/connectstat](http://www.carrier.com/connectstat)

Wi-Fi® is a registered trademark of Wi-Fi Alliance® Corporation.  
Android is a registered trademark of Google Inc. / Apple is a registered trademark of Apple Corporation

WHAT'S IN THE BOX



Thermostat



Thermostat Base



Quick Start Guide



Anchors and Screws



Security Screw

COMPATIBILITY CHECK

This Wi-Fi® thermostat is designed to work with 24 Vac systems requiring both R and C wires. This includes gas, electric, oil, forced air, variable speed, heat pump and radiant heat. It can be configured for:

- Heating: 1-4 stages (Y1, Y2, W1, W2)
- Cooling: 1-3 stages (Y1, Y2, Y3)
- Dehumidification: cooling only 1-3 stages (Y1, Y2, Y3) or Carrier's Humidi-MiZer™ adaptive dehumidification system 1-2 stages (Y1, Y2, \*)
- Heat pump: with auxiliary & emergency heat (Y1, Y2, W1, W2, O)
- Fan Single Speed (G)
- Power (R, C)
- Dual fuel systems (heat pump with furnace)
- Outdoor Air Temperature (OAT) or Remote Sensor (optional)

1. TURN POWER OFF

Turn off 24 Vac power at the equipment circuit breaker or the system switch. **Confirm that power is OFF.**

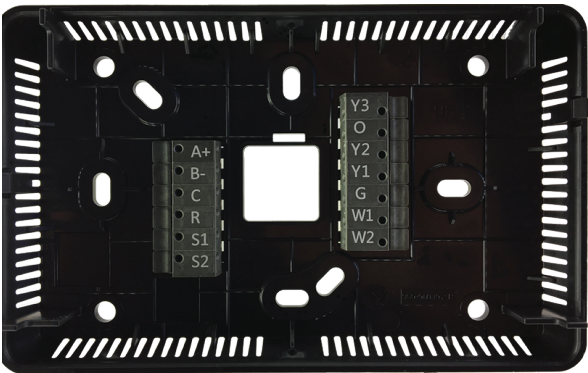
2. INSTALL THERMOSTAT

Position the thermostat base against your wall to determine if the new screw locations align with prior positions. If base does not align with existing anchor holes, mark new screw locations with a pencil.

**Drywall:** Drill 3/16" hole for the anchor  
**Plaster:** Drill 7/32" hole for the anchor

Pull wires through opening in base and attach base to the wall using provided screws.

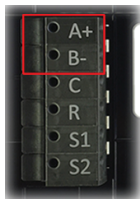
3. CONNECT THE WIRES



Straighten the wires out and match your wire configuration to the terminals on the base. Connect each wire individually by pushing down on the quick connect tab, inserting the wire into the connector opening, and then releasing the tab.

4. CONNECT BACNET MS/TP

Connect communication wiring to terminals A+ and B-. Maintain polarity and do not terminate shield at the thermostat.



For more details, see the *Carrier Connect™ Wi-Fi Thermostat 33CONNECTSTAT43 Installation Guide*.

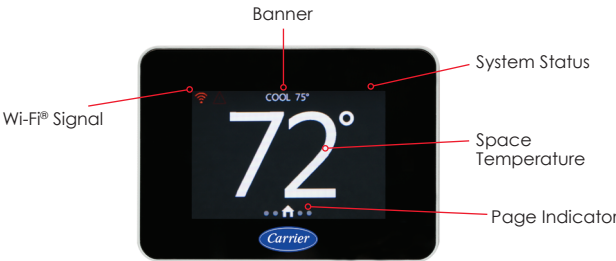
5. ATTACH THERMOSTAT FACE

Align the thermostat face using hinge guide on top. Rotate the thermostat down until tab aligns with hole in base. Install security screw if necessary.

6. RETURN POWER TO SYSTEM

The thermostat displays the Home screen, as shown below.

From the Home Screen, swipe left or right to navigate through screens. A “right swipe” or “left swipe” on any of the SYSTEM SETTINGS “sub-screens” will return to the “SYSTEM SETTINGS screen”. You can also press the Home button to return to the Home screen at any time.



7. SYSTEM CONFIGURATION

To configure and setup the system, navigate to the MODE screen and verify that the MODE is set to OFF. Go to the FAN screen and press and hold the Fan Button for 5 seconds to get to the SYSTEM SETTINGS screen. The yellow Row Indicator at the right side of the screen indicates the current location in the list of advanced settings options. Swipe up or down to navigate through the options. Tap the desired field to enter that screen.

8. SETTINGS SCREEN

Navigate from the HOME screen to the SETTINGS screen to change and/or view options in the thermostat. The yellow Row Indicator scrolls up and down through additional rows of settings. When you press one of the displayed icons, the appropriate screen appears.

9. USER APP

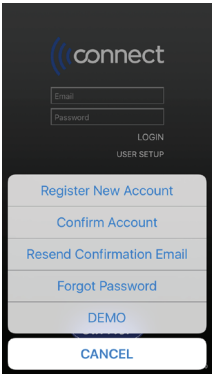
The Connect™ App\* is available for Apple iOS® at App Store® or at Google Play® for Android devices. Search for “Carrier Connect Thermostat”.



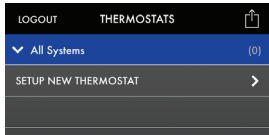
Additional installation and operating instructions are available by scanning the QR code shown.\*

**\*NOTE** Downloading the App provides enhanced access to your device. Device compatibility requires: Apple iOS® 7.0 or later or Android 4.2 or later.

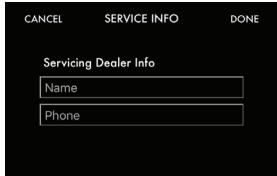
After downloading Connect™ App, select USER SETUP and Register New Account.



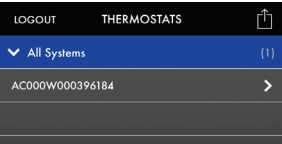
When registering, enter an email address that you can access on your mobile device, so you can receive the confirmation email to complete registration process. Select SETUP NEW THERMOSTAT and follow the Connect™ App instructions to setup new thermostat.



After successfully registering the thermostat, enter the servicing contractor's name and phone number on the SERVICE INFO screen.



On the THERMOSTATS screen, select the thermostat from the list.



Home screen is now displayed.



10. WEB PORTAL

To access the Connect™ thermostat with any device connected to the WEB, visit [connectstat.carrier.com](http://connectstat.carrier.com) and create an account.