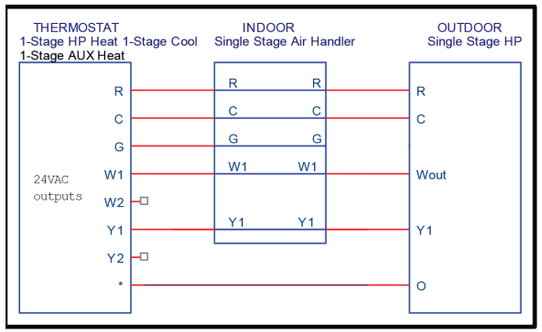
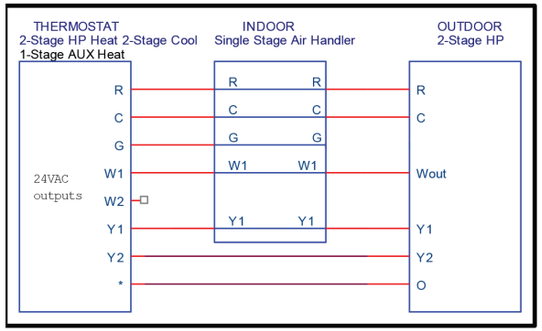
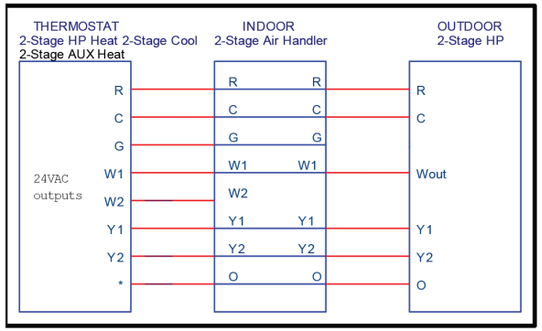
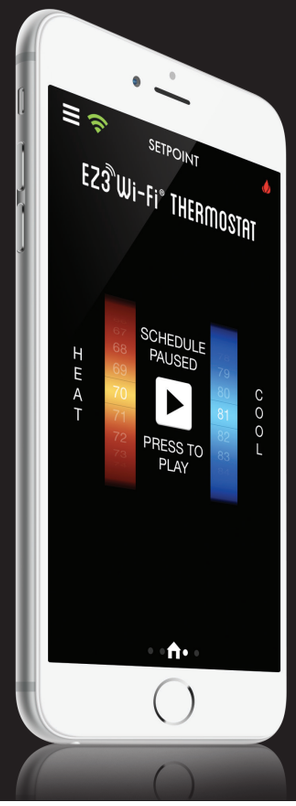
WIRING DIAGRAMS

Air Handler / Heat Pump Systems









TOTALINE®

Universal HVAC/R Parts and Supplies

EZ3 Wi-Fi® THERMOSTAT

QUICK START GUIDE

EZ3-W143

Additional installation & operating instructions are available by scanning the QR code shown.

Wi-Fi® is a registered trademark of Wi-Fi Alliance®.

Android is a registered trademark of Google Inc. / Apple is a registered trademark of Apple Corporation

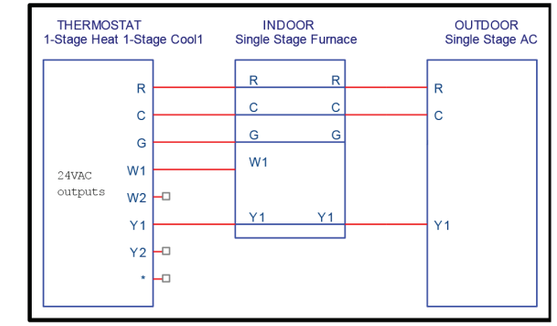
EZ3-W143-010S

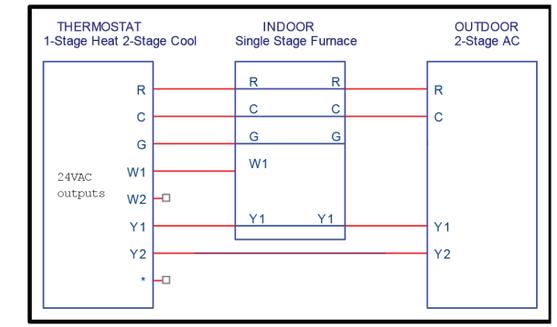
997-015110-1-R

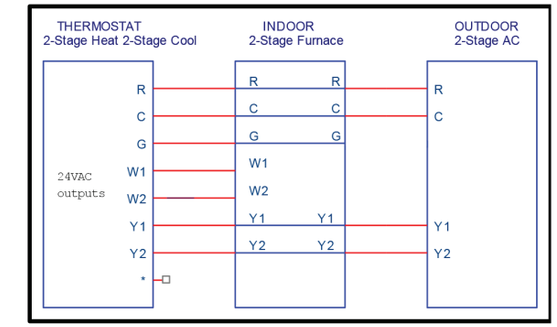
Warranty registration and free EZ3 app available at www.totaline.com/ez3

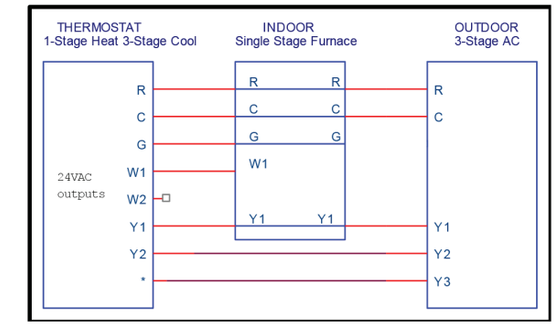
WIRING DIAGRAMS

Furnace / AC Systems









WHAT'S IN THE BOX

- Thermostat
- Thermostat Base
- Wall Plate
- Remote Sensor Pigtail
- Anchors and Screws
- Quick Start Guide

TOOLS NEEDED

- Level
- Pencil
- Pliers
- Screw Driver
- Hammer or Drill (3/16" or 7/32" drill bits)

COMPATIBILITY CHECK

This Wi-Fi® thermostat is designed to work with 24V AC systems requiring both the R & 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 & 2 stages (Y1, Y2)
- Heat pump: w/ aux & emergency heat (Y1, Y2, W1, W2, O/B *)
- Fan Single Speed (G)
- Power (R, C)
- Dual fuel systems (heat pump with furnace)
- Humidity, Outdoor Air Temperature (OAT) or Remote Room (RR) Sensor (optional)

1. TURN POWER OFF

Turn off the power at the circuit breaker or at the system switch.
Confirm that power is OFF.

2. REMOVE CURRENT THERMOSTAT

Remove the cover of current thermostat.

⚠ **Verify that the system is a 24V system and NOT 120V or 240V.**

Determine what your existing wiring and equipment type is and then record each wire color and corresponding wire terminal connection.

Disconnect wiring from the thermostat. Remove the thermostat back plate from the wall.

3. INSTALLING THE NEW THERMOSTAT

Position the thermostat base against your wall, and determine if the accessory wall plate is desired to cover the footprint of the prior thermostat, if so install accessory wall plate.

Position the thermostat base against your wall (or wall plate if used) and determine if the new screw locations align with prior locations.

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 secure base to the wall using provided screws.

TIP Though not required for operation, it is recommended that the thermostat be level.

4. CONNECT THE WIRES

Straighten the wires out and match your previous wire configuration to the new base. One by one, connect each wire by pushing down on the color coded quick connect tab and inserting the wire into the connector opening; release tab to complete.

**See full wiring diagram configuration options under WIRING heading on following page.*

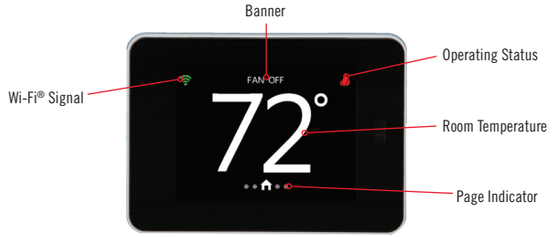
5. ATTACH THERMOSTAT FACE

Align the thermostat face with hinge guide on top of the back.

6. RETURN POWER TO SYSTEM

The thermostat will display the Home Screen as shown below:

From the Home Screen, swipe left or right to navigate through screens. A "right swipe" or "left swipe" motion on any of the System Settings "sub-screens" will return to the "System Settings Screen". You may also press the home button to return to the Home Screen at any time.



7. SYSTEM CONFIGURATION

Navigate to the "Mode Screen", ensure that the Mode is set to Off.
Go to the "Fan Screen" and press and hold the Fan Button for 5 seconds.

Once this sequence is completed, the "System Settings Screen" screen will be displayed allowing configuration & setup of the system. The yellow Row Indicator at the right side of the screen indicates the location of the list of advanced settings options. Swipe up or down to navigate through the settings options. Tap desired field to enter that settings screen.

8. SETTINGS SCREEN

Navigate from the "Home Screen" to the "Settings Screen". This screen allows access to change / view options in the thermostat. The yellow Row Indicator scrolls up & down through additional rows of settings. When one of the displayed icons is pressed, the appropriate screen will appear.

9. HOMEOWNER APP

The App* is available for Apple IOS® at App Store® or at Google Play® for Android devices. Search for "EZ3 Wi-Fi® Thermostat".

For support contact: (800) 227-7437

**Note: Downloading the App provides enhanced access to your device. 7 day programming is only available on your mobile device. Device compatibility requires: Apple IOS 7.0 or later or Android 4.2 or later.*

10. APP Wi-Fi® CONNECTIVITY

STEP 1: Register New Account
Follow the prompts in the App to register your email address and chosen password.

STEP 2: Login
After completion of STEP 1, follow the prompts on the main screen of the App to LOGIN using the email address and password that was chosen during the registration process in STEP 1.

STEP 3: Setup New Thermostat
After a successful LOGIN, choose the Setup New Thermostat option and follow prompts to link your thermostat to your home Wi-Fi® network.

SIGNAL STRENGTH
Minimum recommended thermostat signal strength at the wall: "a dot, plus 2 bars"

OPTIMUM MINIMUM

Download on the App Store
ANDROID APP ON Google play

For more detailed instruction on the above steps, navigate to **www.totaline.com/ez3**

11. Wi-Fi® NETWORK STATUS

"Wireless Status Screen" is invoked when the Wi-Fi® Signal Strength button is pressed on the banner. This screen provides Wi-Fi® connectivity information. Pressing the Disconnect button will remove connectivity to the current network (you will have to return to STEP 3 in section 10 to reconnect to your home Wi-Fi® network).