



# Professional Contractor

## INSTALLATION GUIDE

# 3 EASY STEPS

Installing Sensi thermostat isn't that different than installing a non Wi-Fi thermostat.

## 1. Install on the wall



## 2. Configure for HVAC system



## 3. Connect to Wi-Fi

Connect Wi-Fi now or homeowner connects later



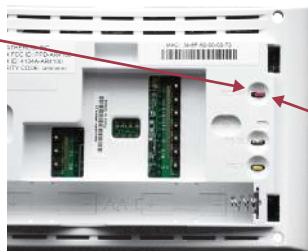
# 1. INSTALL on the wall

## For Conventional Systems

### Terminal Cross Reference

Old thermostat...	Sensi thermostat...	Conventional
RC	RC*	Power for cooling
RH, R	RH*	Power for heating
C, X, B**	C	Common wire
W, W1, W/E	W/E	1st stage indoor heat
W2	W2	2nd stage indoor heat
Y, Y1	Y	1st stage outdoor cool
Y2	Y2	2nd stage outdoor cool
G	G	Fan

- \* If the old thermostat has separate RC and RH wires, clip the RC/RH jumper on the back of the thermostat.
- \*\* Label "B" as "C" only if the old thermostat also had a wire on "O". If there is no wire on "O" – label the wire "B".



Back of new thermostat

## For Heat Pump Systems

### Terminal Cross Reference

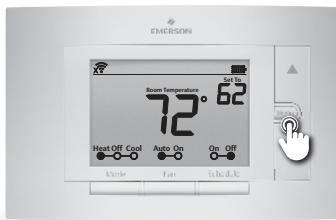
Old thermostat...	Sensi thermostat...	Heat Pump
RC	RC*	Power for cooling
RH, R	RH*	Power for heating
C, X, B**	C	Common wire
W, W1, W/E, Aux/E, E	W/E	1st stage aux/ emergency heat
W2***	W2	2nd stage aux/ emergency heat
Y, Y1	Y	1st stage compressor
Y2	Y2	2nd stage compressor
G	G	Fan
O, B**, O/B	O/B	Heat pump changeover valve
L	L	Heat pump diagnostic

- \* If the old thermostat has separate RC and RH wires, clip the RC/RH jumper on the back of the thermostat.
- \*\* Label "B" as "C" only if the old thermostat also had a wire on "O". If there is no wire on "O" – label the wire "B".
- \*\*\* On Heat Pump systems with separate W2 and E wires, label both wires W/E (2 wires on one terminal).

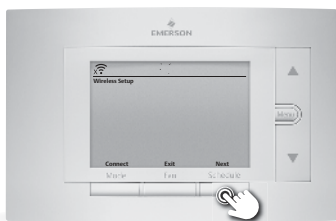
## 2. CONFIGURE for HVAC system

### For HVAC System Type

A. **Press Menu** to enter configuration menu.



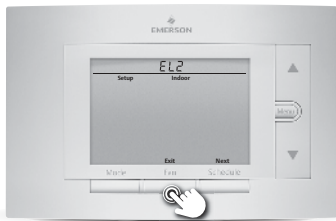
B. **Press Next** until you see "Setup Outdoor" menu item 3.



C. **Use Up/Down Arrows** to change settings. **Press Next** to continue through menu items.



D. **Press Exit** when you're finished.



## Configuration Menu Items Reference

No.	Menu Item	Default	Options
1	<b>Wireless Setup</b> Connects Thermostat to Wi-Fi network	—	Connect
2	<b>Fahrenheit or Celsius</b>	<b>F</b>	<b>F</b> <b>C</b>
3	<b>Outdoor Equipment Configuration</b> For Cooling or Heat Pumps	<b>AC2</b>	<b>AC1 - Conventional Cooling 1</b> (Single Stage) <b>AC2 - Conventional Cooling 2</b> (Two Stage) <b>HP1 - Heat Pump 1</b> (Single Stage) <b>HP2 - Heat Pump 2</b> (Two Stage) <b>AC0 - No Cooling</b>
4	<b>Indoor Equipment Configuration</b> For Gas or Electric Heat	<b>EL2</b>	<b>GA1 - Gas 1</b> (Single Stage) <b>GA2 - Gas 2</b> (Two Stage) <b>EL1 - Electric 1</b> (Single Stage) <b>EL2 - Electric 2</b> (Two Stage) <b>FAN - Fan</b> (No Heat)
5	<b>Reversing Value Position</b> Selects "O" or "B" Setting For heat pumps only	<b>O</b>	<b>O</b> <b>B</b>
6	<b>Wireless Radio</b> Turns Wi-Fi Radio On/Off	<b>ON</b>	<b>On</b> <b>Off</b>

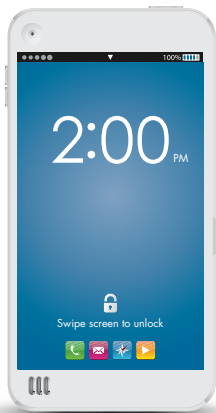


## 3. CONNECT to Wi-Fi

### Before You Begin

In order to connect to the homeowner's Wi-Fi, you will need the following:

Access to the homeowner's smartphone.



The homeowner's Wi-Fi router access information.

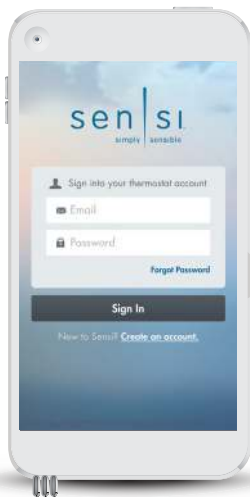


**If the homeowner is not available or does not want to connect at this time, go to the last 2 pages.**

## If Homeowner is Available...

Have the **homeowner** do the following:

1. Download Sensi App on their smartphone.
2. Make sure their Wi-Fi router is turned on and the Internet connection is working properly.
3. Open Sensi App and create homeowner Sensi account.



4. On "Add Thermostat" screen, select "Just Connect Wi-Fi".
5. Follow the steps in the app to establish a Wi-Fi connection.



6. Make sure the connection works by adjusting the temperature from the app screen.



# Technical Support

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TECHNICAL SUPPORT

**888-605-7131**

[sensicomfort.com](https://www.sensicomfort.com)

The Sensi logo is a trademark of Emerson Electric Co.

# If Homeowner is Not Available

The Wi-Fi connection process is designed so that any homeowner familiar with a smartphone and router can complete the step on their own.

## You just need to leave two items behind:

### Wi-Fi Connection Guide

(tear out next page)

### Security Code Card

(included in the box with the thermostat)

Insert the Security Code Card into the pre-cut slots in the Wi-Fi Connection Guide leave-behind.

## Wi-Fi Connection Guide

### Dear Homeowner:

Your new Sensi thermostat has been successfully installed and can now control your HVAC system.

In order to connect the Sensi thermostat to your Wi-Fi router and enable remote access from your smartphone or tablet, follow these simple steps:

#### 1. Gather these items



Sensi Security Code Card



Your Network Password

#### 2. Download Sensi App to your iOS or Android device



3. Open the App and follow the instructions step by step.



Touch here to get started.

**KEEP THIS CARD**

Contractor Phone# [888-605-7131](tel:888-605-7131)  
sensicomfort.com

## Sensi Security Code

XXXXXXXXXX

**KEEP THIS CARD**

You will need this to connect Sensi to Wi-Fi

37-7494

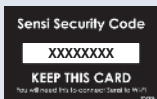
# Wi-Fi Connection Guide

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Contractor Phone# \_\_\_\_\_

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