sen|si

simply | sensible

Professional Contractor
INSTALLATION GUIDE

EMERSON

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

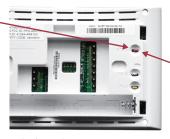## 3. Connect to Wi-Fi

Connect Wi-Fi now or homeowner connects later

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

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.

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TECHNICAL SUPPORT

888-605-7131

sensicomfort.com

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.

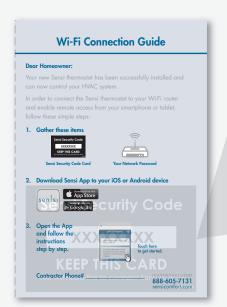## You just need to leave two items behind:

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
   XXXXXXXX
   KEEP THIS CARD

   Sensi Security Code Card   Your Network Password

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

   Download on the App Store
   Android app on Google play

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

   Touch here to get started.

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Sensi Security Code

XXXXXXXX

KEEP THIS CARD
You will need this to connect Sensi to Wi-Fi

37-7496

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

XXXXXXXX

KEEP THIS CARD
You will need this to connect Sensi to Wi-Fi

Sensi Security Code Card   Your Network Password

2. Download Sensi App to your iOS or Android device

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Download on the App Store

ANDROID APP ON Google play

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

Add Thermostat

Install new thermostat on wall and connect to Wi-Fi.

Just connect thermostat to Wi-Fi (use when thermostat is already installed or network settings have changed.)

Touch here to get started.

Contractor Phone# _____