Sensi™ Touch 2
Smart Thermostat

With Multiple Room Sensor Capability

Business and Product Overview

sen|si. Connect to Comfort

EMERSON

Introduction

The Sensi™ Touch 2 smart thermostat is the next evolution of smart thermostats by Emerson.

With a modern new design, glass LCD touchscreen, enhanced user experience and room sensor compatibility this thermostat proves why Sensi smart thermostats are top rated by consumers.

1F96U-42WFB (black)
1F96U-42WF (white)

RS01-SG

Sensi Room Sensor sold separately

Introduction

The award-winning Sensi smart thermostats keep homeowners connected to comfort and keep you connected to your customers.

A Brand You Can Trust

Sensi is highly-rated by customers for its simplicity. Our smart thermostats are ENERGY STAR® certified and the first to receive the ENERGY STAR Partner of the Year Sustained Excellence Award in 2022.

Connect to Customers

Contractor branding in-app & smart alerts put your company information at your customers' fingertips. So, when they need service — you're just a tap away. Plus, connect with new customers through our Sensi Find A Pro tool.

Simple & Reliable

Easy installation saves time and money on jobs, no matter the skill level of the technician. Reduce callbacks with a high-quality product that is easy for the homeowner to use.

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ENERGY STAR AWARD 2022
PARTNER OF THE YEAR
Sustained Excellence

What makes Sensi different

Easy to Install, Easy to Use

- #1 Rated smart thermostat mobile app
- Compatible with majority of home HVAC systems
- Wire Picker tool

Our Privacy Promise to Customers

- Sensi DOES NOT SELL your personal information
- Sensi DOES NOT UTILIZE your thermostat activity data for other targeting/advertising purposes

PRIVACY PROTECTION: For full details, review the Sensi Privacy Policy at https://sensi.emerson.com/en-us/legal. Note: if you sign up for a program with a third party, such as a utility or controller, details and terms for that program are between you and the third party, not Emerson, and may include additional data collection. Certain add-on services require additional data to operate as intended. These services are not required and are optional.

Why Sensi?

SUPER EASY!

Super easy to install! Took me literally 10 minutes!!! I just needed a basic on/off unit. I watched a video with suggestions to take a picture of the wires and label. Works just fabulous!

How did we live without it!

Got this for our home. So happy we did. We can control it from two phones, and our Alexa. So great. Before we arrive home, we can turn the heat up so we arrive home to a warm house!

★★★★★

Energy Star Partner of the Year
2020 | 2021 | 2022
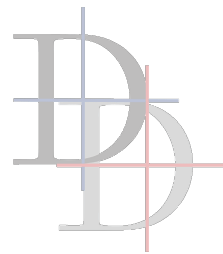
Dealer Design Awards
2014 | 2018 | 2019

First Smart Thermostat to win JD Power Award

Best Overall Smart Thermostat
2017 | 2018 | 2019 | 2020

Best Connected Thermostat
2022

Sensi Touch 2 Smart Thermostat

sen|si Connect to Comfort

New Features

- Top-rated design and the industry's thinnest smart thermostat

- Works with Sensi Room Sensors

- Simplified install with added Bluetooth technology

- Sub-GHz technology doubles the range for room sensors over standard Bluetooth

- Two new accessory terminals for dedicated humidifier control

.77"

Sensi Touch 2 Smart Thermostat Features

sen|si Connect to Comfort

EASY TO INSTALL & CONNECT
Features easy-click terminals, in-app instructions and accepts up to 15 optional wireless room temperature and humidity sensors.

CONTRACTOR MODE
Use Contractor Mode to scan the barcode on any Sensi thermostat and register it to your company. No Wi-Fi required at installation.

CONTRACTOR-ON-CALL
Become a Sensi Partner and be the contractor on call in customers's monthly usage reports, service reminders, smart alerts and in-app. Register at sensiregistration.com.

SMART MAINTENANCE
Monitor the performance and efficiency of your HVAC system with important service alerts regarding your equipment and ongoing maintenance reminders such as when to replace your air filter.

HUMIDITY CONTROL
Help homeowners stay comfortable with humidification/dehumidification control.

ENERGY SAVINGS
Save about 23% on HVAC energy through features like flexible scheduling, remote access and usage reports.[1]

USAGE REPORTS
Monitor current day and historical heating, cooling and fan runtimes right in the app.

CIRCULATING FAN
Select a minimum daily fan run time percent to help regulate temperature and improve indoor air quality.

KEYPAD LOCKOUT & TEMPERATURE LIMITS
Maintain total control by setting temperature limits and disabling changes by others at the thermostat.

SMART HOME COMPATIBLE
Works with Amazon Alexa, Google Assistant and Samsung SmartThings smart home platforms.

ENERGY STAR

Energy Star and Title 24 Compliant

works with alexa | works with Hey Google | Works with SmartThings

Sensi Partner Program Get access to program benefits including homeowner leads, contractor branding, custom literature and free online training. Learn more at emerson.com/sensipartner.

1 ENERGY SAVINGS: Calculated by comparing operation time for a nationwide sample of Sensi users with temperature adjustments averaging 4° in comparison to users with no adjustments. Savings vary based on equipment type/condition, insulation, climate & temperature adjustment size/frequency.

Sensi Room Sensors

Compatible with Sensi Touch 2

Sensi room sensors are designed to remotely monitor temperature and humidity in different rooms when paired with the Sensi Touch 2 smart thermostat.

Prioritize Room Temperature

Select the sensor in the room that matters most to you and let the thermostat control it to whatever setting you want.

Balanced Comfort

Average your temperature settings across both your thermostat and sensors, helping to manage hot and cold spots throughout your house.

RS01-SG

Specifications

Size	2.4"W x 2.4"H x .75"D (sensor only) 2.4"W x 2.8"H x .75"D (with stand)
Battery Life	Up to 2 years
Installation	Wall mount or use included stand
Warranty	3 years

*Sensi Room Sensor sold separately*

Sensi Partner Program Overview: Benefits

Use Contractor Mode to automatically add your digital branding to every Sensi Touch 2 smart thermostat you install, keeping you top of mind when a customer needs maintenance or service. Your branding will also be on monthly usage report, service alerts, mobile app and service reminders.

EASY steps to Register a Thermostat:

1. Download the Sensi App and sign into your Sensi account.

   Press and hold the Sensi logo at the top of the app dashboard for five seconds. If you don't already have a Sensi Partner Program account, tap **Become a Sensi Partner**. If you already have an account, tap **OK**.

2. Tap **Contractor Mode** at the top of the dashboard.
   The first time you use Contractor Mode, the Sensi app needs to find your company information that you supplied when you registered at SensiRegistration.com. Enter the phone number used to register to proceed.

3. Select **Register a Thermostat** and scan the code on the back of the thermostat.

That's it! You can register additional thermostats or select **Back** to return to the **Contractor Mode** menu.
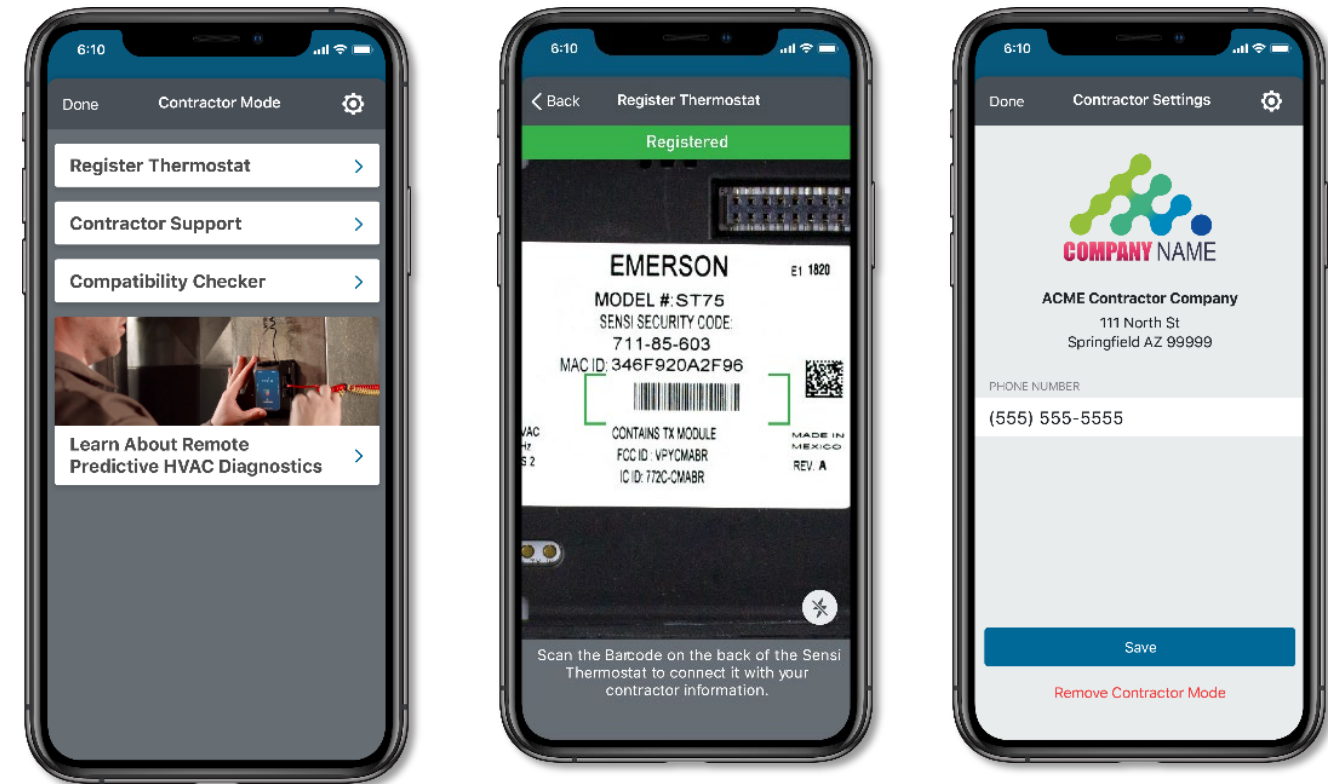
Click here or scan this QR code to sign up today!

Sensi Family Overview

Sensi room sensor

Sensi Touch 2 smart thermostat

Sensi Touch smart thermostat

Sensi smart thermostat

SENSI™ SMART THERMOSTATS

Easy install for you, upgraded features and convenient comfort for your homeowners.

The award-winning Sensi smart thermostats keep homeowners connected to comfort and keeps you connected to your customers. Sensi Partners get access to program benefits including homeowner leads, contractor branding, custom literature and free online training. Choose from Sensi smart thermostat, Sensi Touch smart thermostat Sensi Touch 2 smart thermostat. Sensi Touch 2 now works with Sensi room sensors.

Sensi room sensor
RS01-SG
RS03-SG (3-pack)

Sensi Touch 2 smart thermostat
Available in black and white
1F96U-42WFB, 1F96U-42WF

Sensi Touch smart thermostat
Available in black, white and silver
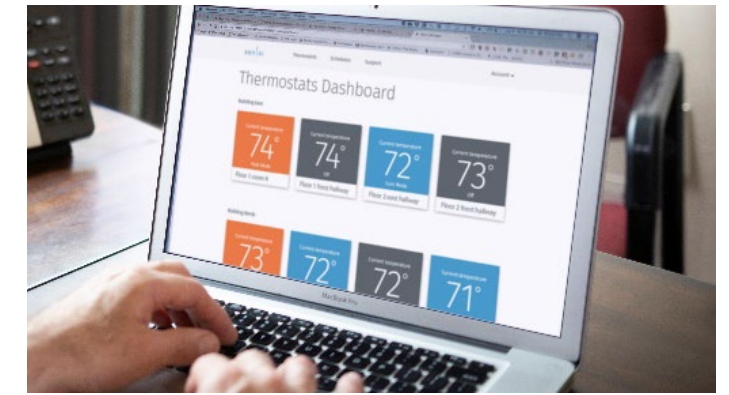1F95U-42WFB, 1F95U-42WF,
1F95U-42WFS

Sensi smart thermostat
1F87U-42WF

SENSI™ PREDICT

Enable remote predictive diagnosis to increase profitability

Technology comes to HVAC to deliver greater contractor efficiencies and a deeper homeowner connection.

SENSI™ MULTIPLE THERMOSTAT MANAGER

Light commercial solutions for simple comfort control

Sensi Multiple Thermostat Manager gives facility managers the power to control all their Sensi thermostats in one place.

Sensi Touch 2 smart thermostat

Why Switch to Sensi Smart Thermostats?

- Easy to use – reduces callbacks

- Universal system compatibility –
  Sensi accommodates most HVAC system types

- Uses the highest rated smart thermostat app in the industry

- Award-winning brand

1F96U-42WFB

1F96U-42WF

SENSI SUPPORT WHEN & WHERE YOU NEED IT	SUPPORT TEAM HOURS Monday-Friday 7am-7pm (CST) Saturday-Sunday 8am-5pm (CST) 888-605-7131

Competitive Comparison

Model	Touch 2 Smart Thermostat	Learning Thermostat 3rd Gen	Smart Thermostat	Wi-Fi Smart Color Thermostat	T9 Smart Thermostat
	sensi	nest	ecobee	Honeywell Home	Honeywell Home
DIY List Price	$199.99	$249	$249	$169	$199
System Compatibility	4H/2C	4H/2C	4H/2C	3H/2C	3H/2C
Screen Size	4.3" Color	2.1" Color	3.5" Color	4.5" Color	3.5" Color
Touch Screen	●		●	● (Resistive)	●
Room Sensor Compatible	●	●	●		●
C-Wire Required	●		●	●	●
Dedicated Hum / De-Hum Control	●	●	●		●
Smart Alerts	●	●	●	●	●
Smart Home Integrations	Works with amazon alexa; works with the Google Assistant; Works with SmartThings	Works with amazon alexa; works with the Google Assistant; Works with SmartThings	Works with amazon alexa; Works with Apple HomeKit; works with the Google Assistant; Works with SmartThings	Works with amazon alexa; works with the Google Assistant; Works with SmartThings	Works with amazon alexa; Works with Apple HomeKit; works with the Google Assistant; Works with SmartThings
Warranty	3 Years (Retail) 5 Years (Pro)	2 Years (Retail) 5 Years (Pro)	3 Years (Retail) 5 Years (Pro)	1-3 Years (Retail) 3-5 Years (Pro)	1-3 Years (Retail) 3-5 Years (Pro)

Sensi Touch 2 Smart Thermostat at a Glance

- Universal (Single Stage, Multi-Stage, Heat Pump compatible)

- Accepts up to 15 Remote Sensors

- Dual Fuel – No outdoor sensor required

- Professional 5 year warranty on 1F96U models, 3 year warranty on ST76 models

Terminal Designations

RC RH C O/B Y G W2/* Y2/* W/E ACC+ ACC-

PRO 5 YEAR LIMITED WARRANTY

Model	Program Options			Max Stages Heat/Cool			Applications				Power Source		Selectable Performance Features								Comfort & Convenience Features		
Model Number	Wi-Fi Control Smart Home Compatible	7 Day	Non-Programmable	Conventional	Heat Pump	Gas / Oil / Electric	3 Wire Zone	Millivolt	PTAC Compatible	Battery	Hardwired (24V)	Auto Changeover	Circulating Fan	EMR/Early Start Program	Temperature Limits	Keypad Lockout	Humidity Control	Dual Fuel Control	Remote Sensor	Filter Change Reminder	Auto DST Adjust	Permanent Memory
1F96U-42WFB 1F96U-42WF	✓	✓	✓	2/2	4/2	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓

A Thermostat for Any Customer

Emerson offers the right thermostat for every contractor's needs, from single-family homes to multi-building facilities. Choose from economical, programmable, or smart thermostats for the features and functionality that deliver the benefits your customers want.

MECHANICAL

PROGRAMMABLE
NON-PROGRAMMABLE
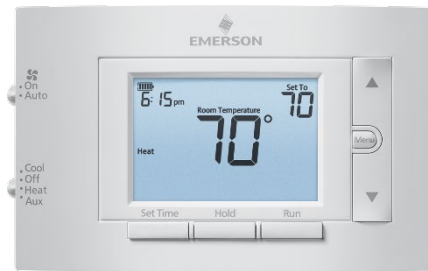
HEAT PUMP

SMART

Learn how we can help grow your business at Emerson.com/Thermostats

Sensi Touch 2 smart thermostat
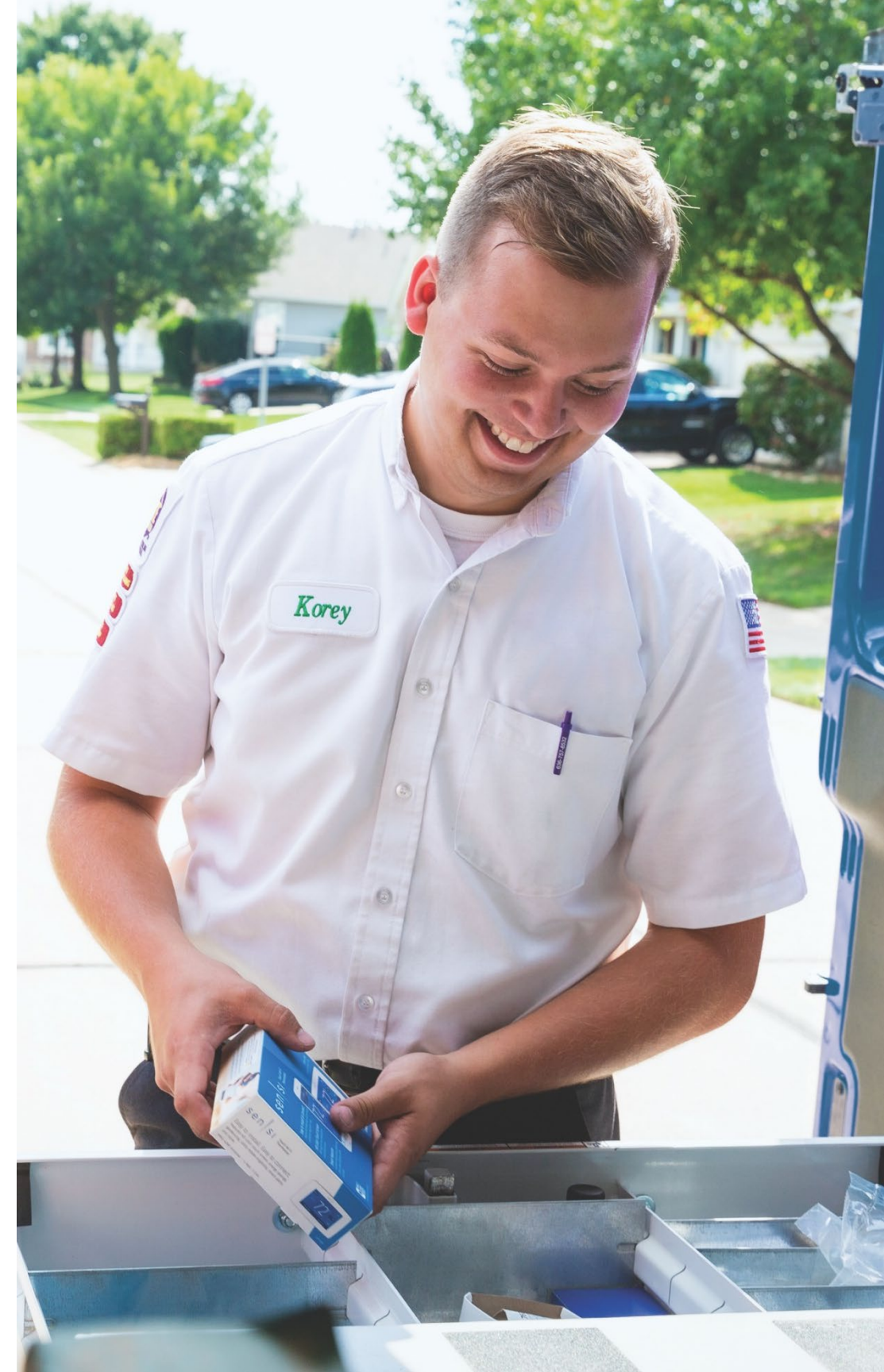
WR Mobile App

Always up-to-date and easy to use:

- Search by OEM
- Competitive
- White-Rodgers model number.
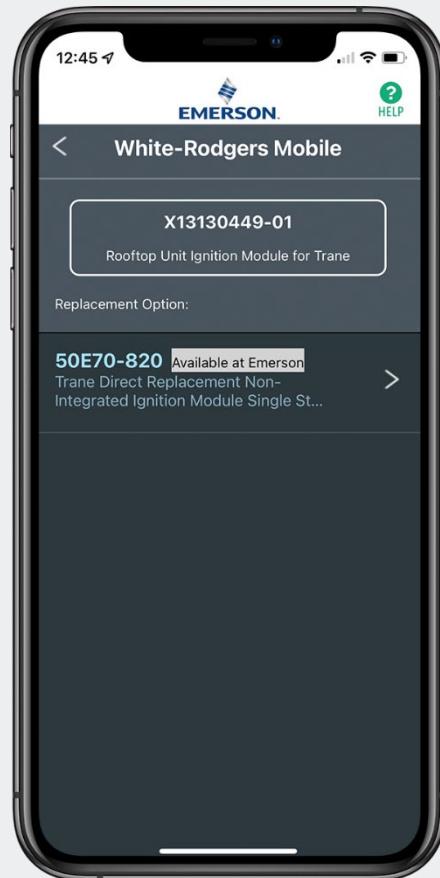
Your resource for:

- Product information and spec sheets
- **NEW FEATURE:** Product availability with "Available at Emerson" tag
- Complete Cross Reference
- OEM compatibility
- Installation information and videos
- Wiring diagrams

Download:

1. Go to your app store
2. Type in **WR Mobile**
3. Install the app

OR

1. Open your camera
2. Hold it over the QR code
3. Tap "Open" on the pop-down
4. Install the app

NEW FEATURE

WRMobile and the desktop app offer up-to-the-minute inventory insights for our customers. The results will include suggested replacements & the tag **"Available at Emerson."**

Scan this QR code to download the app

White-Rodgers Cross Reference

Go to: www.whiterodgers.com

- Hover over tools & resources
- Click on: White-Rodgers cross reference/product information
- Enter the model number or click on: Search Replacement Heating Controls by Major OEM Brand

Why Contractors Trust White-Rodgers

Industry Leading Products

- Used by more OEM's
- Offering the widest range of Universal Replacement Controls

Ease Of Installation

- Simple, easy to understand instructions

Product Reliability

- Quality Control assures reliable products

Affordable

- Competitive pricing

Supported By Knowledgeable Representatives

- Contractor direct phone support

Technical

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RS01-SG

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Sensi Touch 2 Smart Thermostat at a Glance

sensi Connect to Comfort

- Universal (Single Stage, Multi-Stage, Heat Pump compatible)

- Accepts up to 15 Remote Sensors

- Dual Fuel – No outdoor sensor required

- Professional 5 year warranty on 1F96U models, 3 year warranty on ST76 models

Terminal Designations

(RC) (RH) (C) (O/B) (Y) (G) (W2/*) (Y2/*) (W/E) (ACC+) (ACC-)

PRO 5 YEAR LIMITED WARRANTY

Model	Program Options			Max Stages Heat/Cool			Applications				Power Source		Selectable Performance Features							Comfort & Convenience Features		
Model Number	Wi-Fi Control Smart Home Compatible	7 Day	Non-Programmable	Conventional	Heat Pump	Gas / Oil / Electric	3 Wire Zone	Millivolt	PTAC Compatible	Battery	Hardwired (24V)	Auto Changeover	Circulating Fan	EMR/Early Start Program	Temperature Limits	Keypad Lockout	Humidity Control	Dual Fuel Control	Remote Sensor	Filter Change Reminder	Auto DST Adjust	Permanent Memory
1F96U-42WFB 1F96U-42WF	✓	✓	✓	2/2	4/2	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓

Sensi Touch 2 Smart Thermostat Connections

Terminal Descriptions

Terminal	Conventional System Connection	Heat Pump System Connection
RC	Power for cooling, 24V	Power for cooling, 24V
RH	Power for heating, 24V	Power for heating, 24V
C	Common wire, 24V	Common wire, 24V
Y	1st stage cool (compressor)	1st stage heat and cool (compressor)
Y2*	2nd stage cool (compressor)	2nd stage heat and cool (compressor)
W/E	1st stage heat	1st stage auxiliary/emergency heat
W2*	2nd stage heat or dehumidifier	2nd stage auxiliary/emergency heat or dehumidifier
G	Indoor blower (fan)	Indoor blower (fan)
O/B	Heat pump changeover, zone panel or 3-wire hot water zone valve connection. (configurable as O, B or 6 in the installer menu)	Heat pump changeover (reversing valve) connection (configure as O or B in the installer menu)
ACC+	Accessory (Humidifier configurable in set-up menu)	Accessory (Humidifier configurable in set-up menu)
ACC-	Accessory (Humidifier configurable in set-up menu)	Accessory (Humidifier configurable in set-up menu)

Thermostat and App Navigation

1. **MENU**
   Advanced features scheduling

2. **SET TEMPERATURE**

3. **SYSTEM MODE**
   Heat/Cool/Auto/Off

4. **FAN MODE**
   On/Auto

5. **HUMIDITY**

1. BACK TO DASHBOARD
2. THERMOSTAT NAME
3. SETTINGS
4. WEATHER
5. SET TEMPERATURE
6. USAGE DATA
7. SCHEDULING OPTION
8. FAN MODE OPTIONS
9. SYSTEM MODE
10. ROOM TEMPERATURE

System Configuration Menu

1. Press **Menu.**

2. Press **Advanced Setup**

3. Press **HVAC Equipment**

4. This will display the HVAC Configuration options

💡 **TECH TIP:** Most technical service calls are the result of improper system configuration. Ensure you reference your installation guide for appropriate system selection during installation.

1

2

3

4

Configuration Options Summary

Menu Item	Description	Configuration Options
Outdoor Equipment	Select AC or Heat Pump equipment, as well as the number of stages. Set this to AC1 for single stage systems or HP1 or HP2 for single or multi-stage heat pumps	AC1/AC2/HP1/HP2/None
Indoor Equipment	Select whether the equipment is an electric or gas furnace, or fan only. Set this to EL1 for single stage electric or GA1 or GA2 for single or multi-stage gas systems.	GA1/GA2/EL1/EL2/Fan
Reversing Valve Position	When configured for O, reversing valve is energized in Cooling. This will cover most applications. Some manufacturers such as Rheem or Rudd use the B terminal, which would energize in heating. For three-wire zone hydronic systems set this to 6.	O/B/6/None
Additional Accessories		
Humidifier (wired to thermostat)	If a humidifier is wired to the thermostat, change the Humidifier setting to YES	Yes/No
Dehumidifier (wired to thermostat)	If a dehumidifier is wired to the thermostat, change the Dehumidifier setting to YES.	Yes/No

Configuration Options in App

Feature	Description
Remote Access	Adjust, control, schedule or monitor from anywhere, anytime
Usage Reports	Monitor current day and historical heating, cooling and fan run times
Contractor-On-Call	Contact your HVAC Pro when you need service
Dashboard	View and control multiple thermostats
Geofencing	Switches settings between Home or Away based on your location
Program a Schedule	Create one, or multiple time/temperature setting schedules
Keypad Lockout	Lock out changes at the thermostat but retain Wi-Fi control
Temperature Limits	Allow thermostat adjustment only within the temperature range you select
Automatic Heat/Cool Changeover	Allows selection of the temperature range for automatic changeover between heat/cool
Boost	Allow fast staging when the temperature is adjusted 3 or more degrees
A/C Protection	Five minute time delay between cooling or heat pump cycles
Adjustable Cycle Rate	Allows fast, medium or slow cycle rates
Temperature and Humidity Offset	Adjust temperature display +/- 5°, humidity display +/- 25%
Circulating Fan	Select daily fan run time percentage even if heat or cool is not running
Maintenance Reminder	Calendar Date or Usage (runtime)
Air Filter Reminder	Calendar Date or Usage (runtime)
UV Bulb Reminder	Calendar Date or Usage (runtime)
Optional Remote Temperature/Humidity Sensors	Add as many as 15 remote temperature/humidity sensors to provide an average building temperature for the thermostat to control to or add sensors to monitor temp and humidity in select locations

1 Wire Accessory Control Wiring Example

ACC+ and ACC- can be configured to control a low voltage humidifier circuit and offers the choice of 1 or 2 wire control.

1 Wire Control

On a call for Humidification the thermostat sends 24V power out on terminal ACC+ by closing an internal switch between the thermostat terminals RC and ACC+.

When set for 1 wire control the other ACC terminal (ACC-) is isolated and not used.

For 1 wire control set the switch on the back of the thermostat to "System" and use the installer menu to select Humidifier (Yes).

TECH TIP: 1 wire control is typically used to energize one side of a solenoid coil that already has the other side of a relay or solenoid coil attached to the common on the 24 VAC HVAC transformer.

1 Wire Accessory

RC — ACC +

24V RELAY OR SOLENOID COIL

24V HOT   24V COMMON

ACCESSORY   BACK OF THERMOSTAT SWITCH SETTING

SYSTEM

HVAC SYSTEM TRANSFORMER

LINE IN
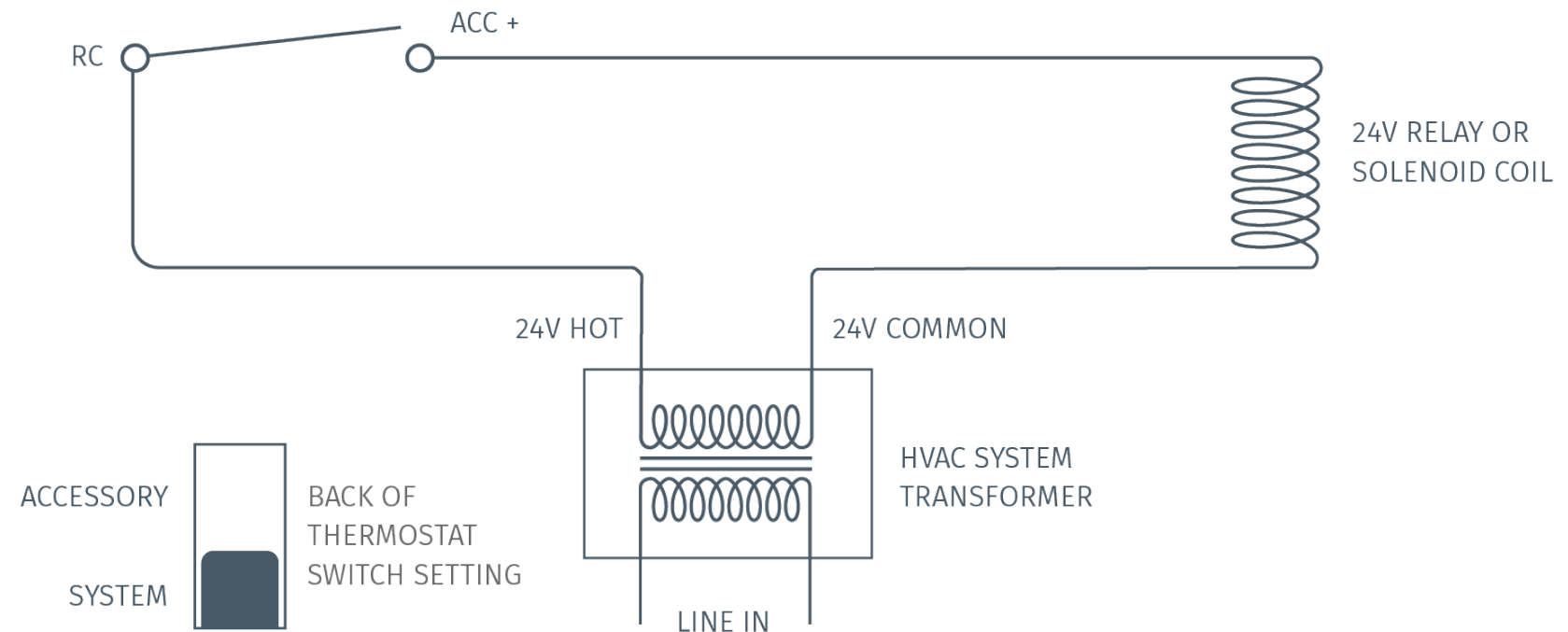
2 Wire Accessory Control Wiring Example

2 Wire Control

On a call for Humidification the thermostat closes a set of low voltage dry contacts between ACC+ and ACC-. Low voltage power from the humidifier transformer is to be applied to ACC- and on call for humidification switches back out on ACC+ to energize a solenoid or other device.

For 2 wire control set the switch on the back of the thermostat to "Accessory" and use the installer menu to select either Humidifier (Yes).

2 Wire Accessory

ACC +

24V RELAY OR SOLENOID COIL

ACC −

24V HOT

24V COMMON

ACCESSORY HUMIDIFIER TRANSFORMER

ACCESSORY

BACK OF THERMOSTAT SWITCH SETTING

SYSTEM

LINE IN
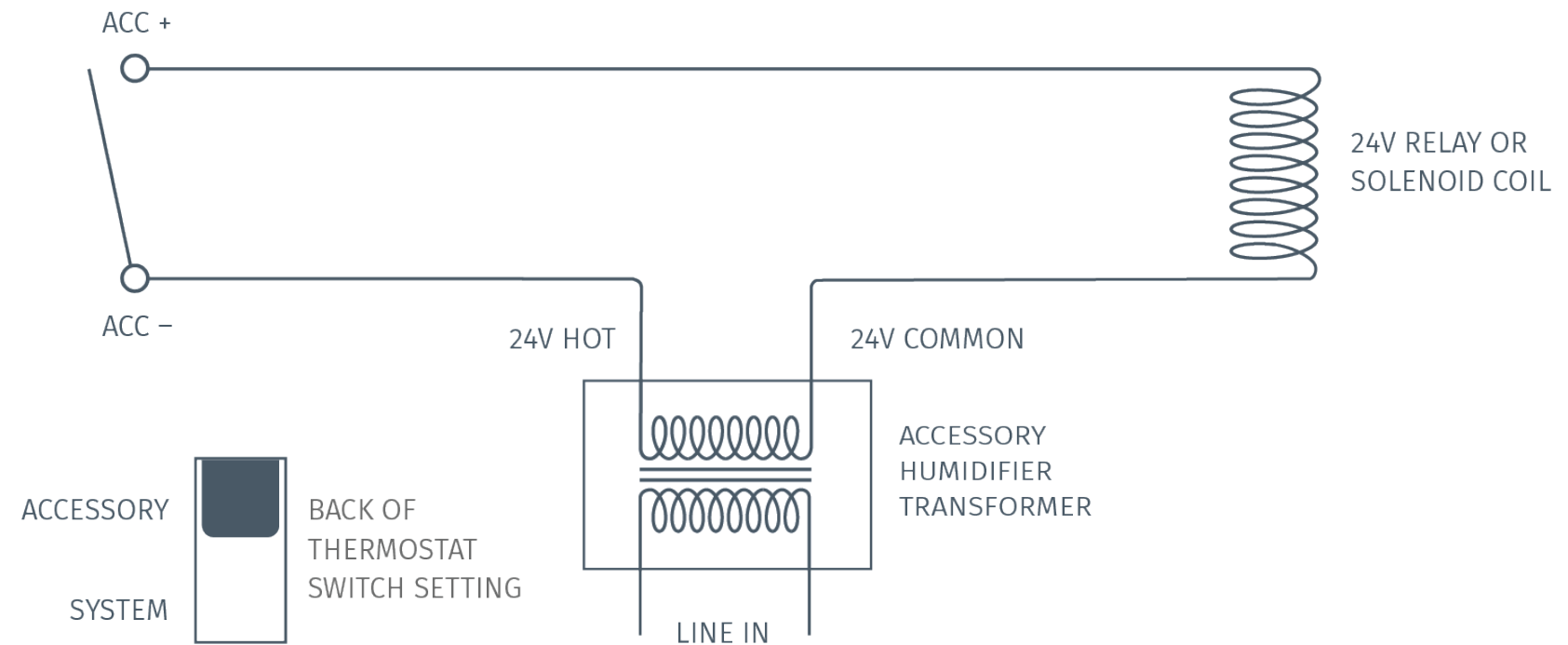
TECH TIP: 2 wire control is typically used on systems where the accessory Humidifier has its own built-in transformer and is not powered by the HVAC transformer connected to the thermostat. ACC+ and ACC- provide low voltage humidistat switch contacts that close on call for humidification.

Sensor Connection/Averaging vs Monitoring

Room sensors in the app with a check mark beside them send their room temperature/humidity data to the thermostat for averaging with the other checked sensors and the onboard thermostat sensor.

The thermostat then cycles heat or cool to control the average sensed temperature to the thermostat setting.

The thermostat does not use room temperature/humidity data for averaging from remote sensors without a check mark but the app does allow you to see the temperature in unchecked sensor locations which is handy for monitoring.
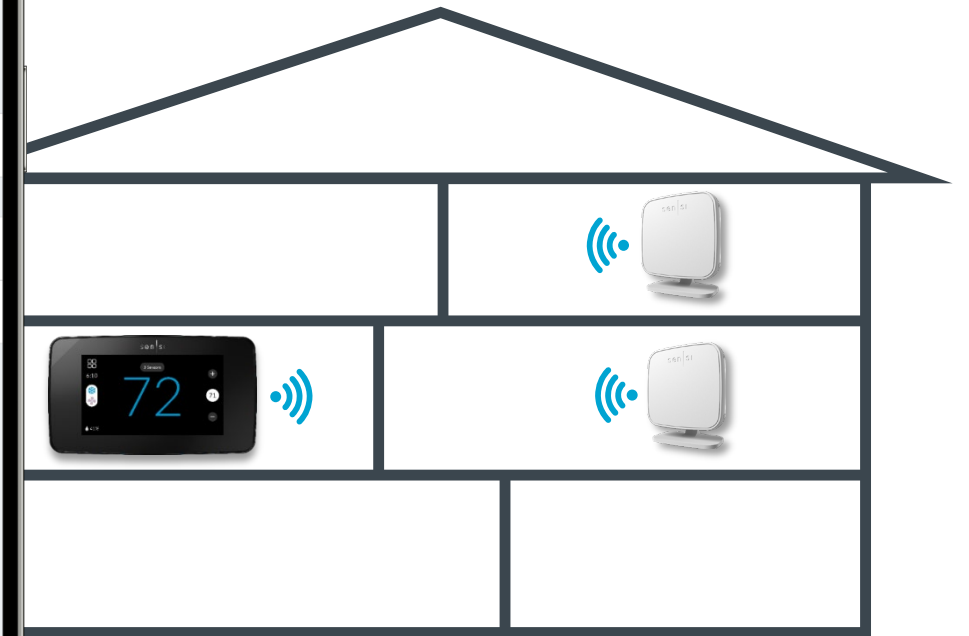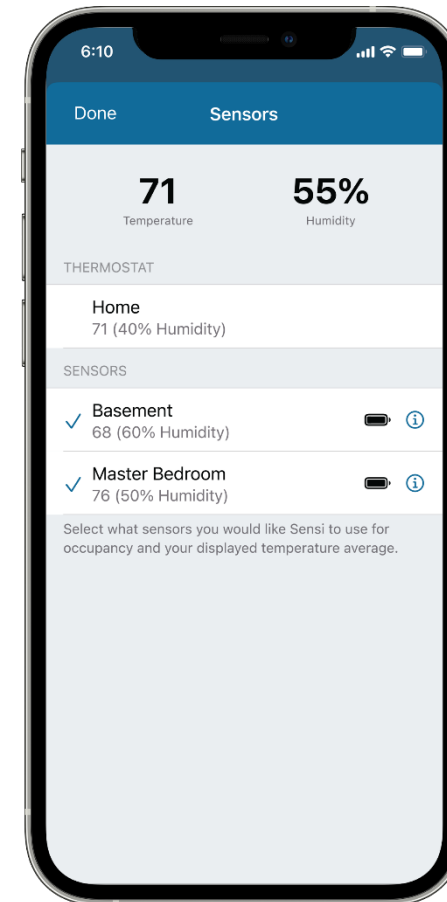
TECH TIP: If you are hot or cold in an area with a sensor nearby you can easily turn off the other sensors in the app so the thermostat controls the setpoint to the sensor temperature sensor in your location.

Staging

Sensi multi-stage thermostats are equipped with a microprocessor that uses an algorithm to make decisions about bringing on an additional stage of heat or cool. The algorithm focuses on system performance, rather than only time or temperature, to determine when to engage 2nd stage.

More frequent calls, when the temperature exceeds the first stage differential, increasingly drive faster engagement of 2nd stage. Less frequent time outside the differential will delay calls for additional stages.

This is accomplished by microprocessor capture of the rolling average of room temperature, allowing the optimum staging point in time to be calculated.

Faster calls for 2nd stage, result in a quicker trigger for 2nd stage.

Slower calls for 2nd stage, result in slower trigger.

Dual Fuel

Dual Fuel systems combine a heat pump and gas furnace.

The Sensi Dual Fuel logic option allow the staging algorithm to determine the optimum time to stage to gas. They also allow the furnace time to complete the ignition sequence before switching off the pump to prevent cold air from being blown out the vents.

This algorithm doesn't require an outdoor sensor because it tracks and monitors system performance, and then determines the optimal time to stage to the gas furnace.

Heat Pump

Gas Furnace
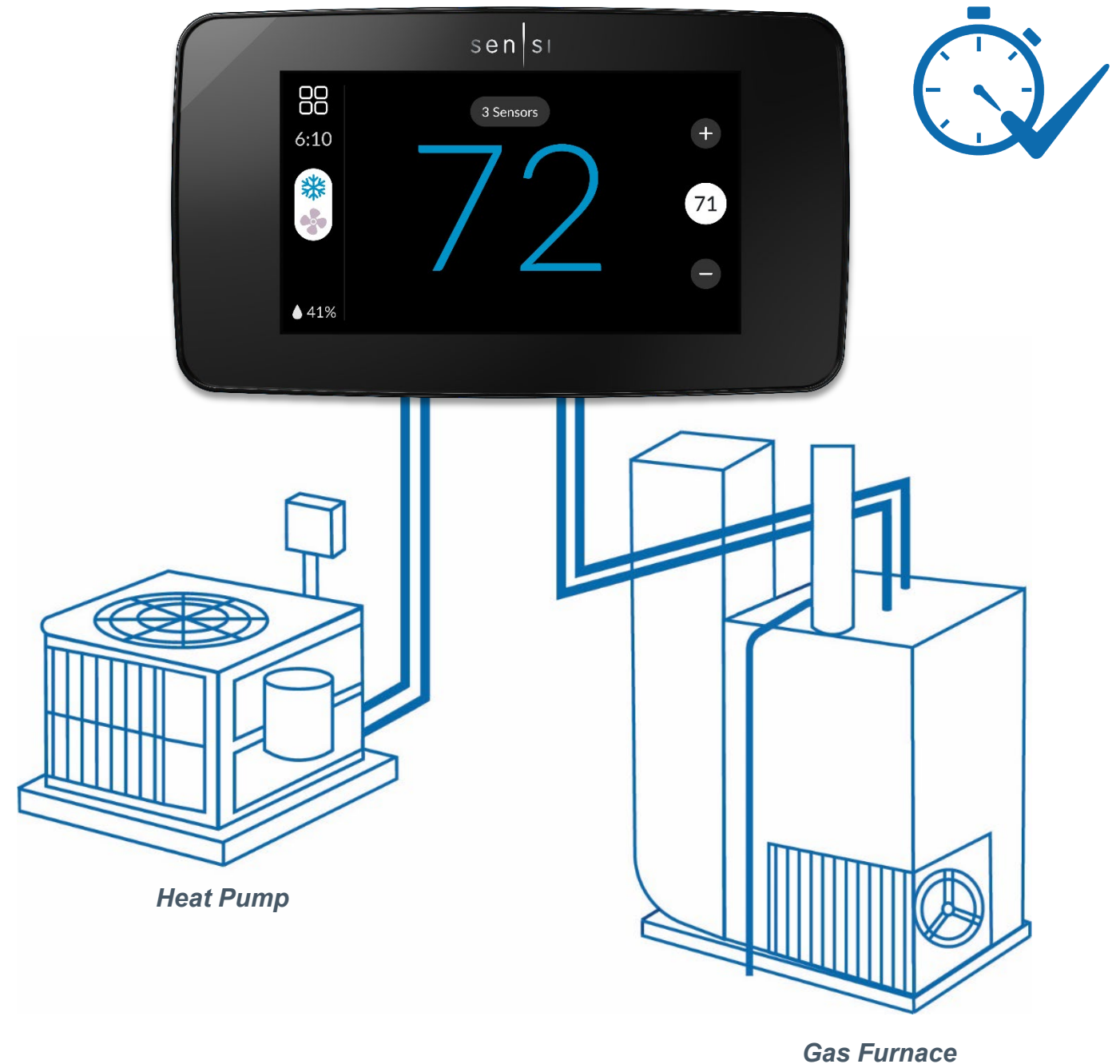
Install

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1F96U-42WFB 1F96U-42WF	✓	✓	✓	2/2	4/2	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓

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W2*	2nd stage heat or dehumidifier	2nd stage auxiliary/emergency heat or dehumidifier
G	Indoor blower (fan)	Indoor blower (fan)
O/B	Heat pump changeover, zone panel or 3-wire hot water zone valve connection. (configurable as O, B or 6 in the installer menu)	Heat pump changeover (reversing valve) connection (configure as O or B in the installer menu)
ACC+	Accessory (Humidifier configurable in set-up menu)	Accessory (Humidifier configurable in set-up menu)
ACC-	Accessory (Humidifier configurable in set-up menu)	Accessory (Humidifier configurable in set-up menu)

Wiring a Sensi Thermostat

Wiring (Wi-Fi is not required for Sensi installation or operation)

1. Turn off system power and take a picture of the wire setup. Remove any jumper wires.

2. If preferred, use the provided wire label stickers to label your wires by removing one wire at a time

3. Remove the old thermostat base from the wall

4. Use the provided mounting screws and secure the Sensi thermostat base to the wall

5. Connect the new thermostat wires using easy click terminals

6. Push the thermostat cover onto the base.

7. Turn the system power back on
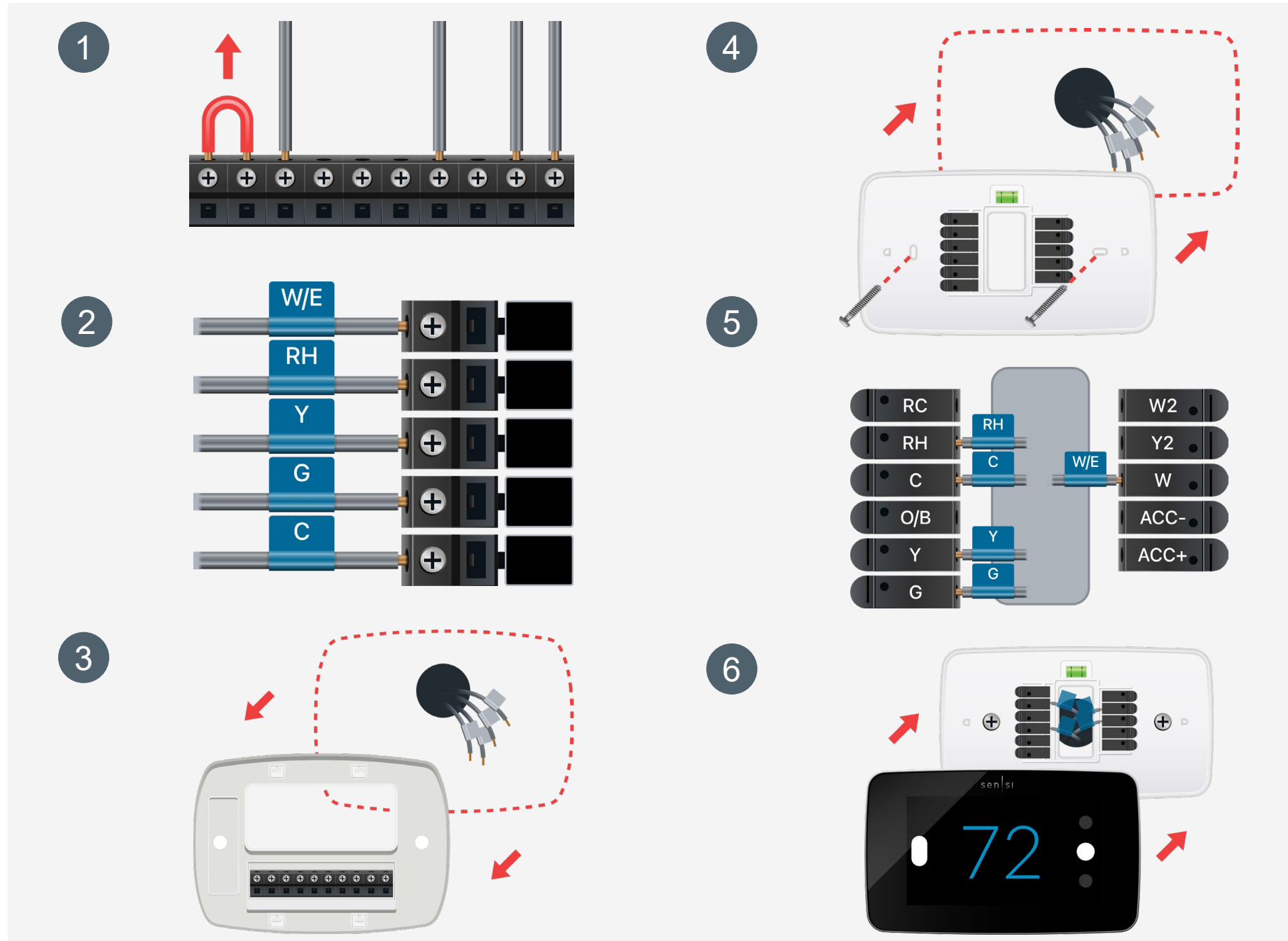
System Configuration Menu

1. Press **Menu.**

2. Press **Advanced Set Up**

3. Press **HVAC Equipment**

4. This will display the HVAC Configuration options


1

2

3

4

1F96U-42WFB

💡 **TECH TIP:** Most technical service calls are the result of improper system configuration. Ensure you reference your installation guide for appropriate system selection during installation.

Configuration Options Summary

Menu Item	Description	Configuration Options
Outdoor Equipment	Select AC or Heat Pump equipment, as well as the number of stages. Set this to AC1 for single stage systems or HP1 or HP2 for single or multi-stage heat pumps	AC1/AC2/HP1/HP2/None
Indoor Equipment	Select whether the equipment is an electric or gas furnace, or fan only. Set this to EL1 for single stage electric or GA1 or GA2 for single or multi-stage gas systems.	GA1/GA2/EL1/EL2/Fan
Reversing Valve Position	When configured for O, reversing valve is energized in Cooling. This will cover most applications. Some manufacturers such as Rheem or Rudd use the B terminal, which would energize in heating. For three-wire zone hydronic systems set this to 6.	O/B/6/None

Additional Accessories

Menu Item	Description	Configuration Options
Humidifier (wired to thermostat)	If a humidifier is wired to the thermostat, change the Humidifier setting to YES	Yes/No
Dehumidifier (wired to thermostat)	If a dehumidifier is wired to the thermostat, change the Dehumidifier setting to YES.	Yes/No

Connecting to Wi-Fi

1. Have the customer download the Sensi App and sign in. If they don't have an account one can be created on the sign-in screen. Tap **+** in top left corner, tap **Sensi Touch 2 smart thermostat** then tap **Connect to Wi-Fi**

2. On the thermostat, tap **Menu** in the top left corner, then **Wi-Fi**. Tap **Connect**. Make sure Bluetooth is turned on in phone settings.

3. Using the app, **scan the QR code** on the Sensi Touch 2 screen to connect through Bluetooth technology. This will require Bluetooth permissions on your phone. If you're having trouble scanning, tap "DISPLAY PIN" to manually enter the code in the app.

4. Select the Wi-Fi Network and enter Wi-Fi password as prompted.

5. Finally, they will be prompted to name and register their thermostat
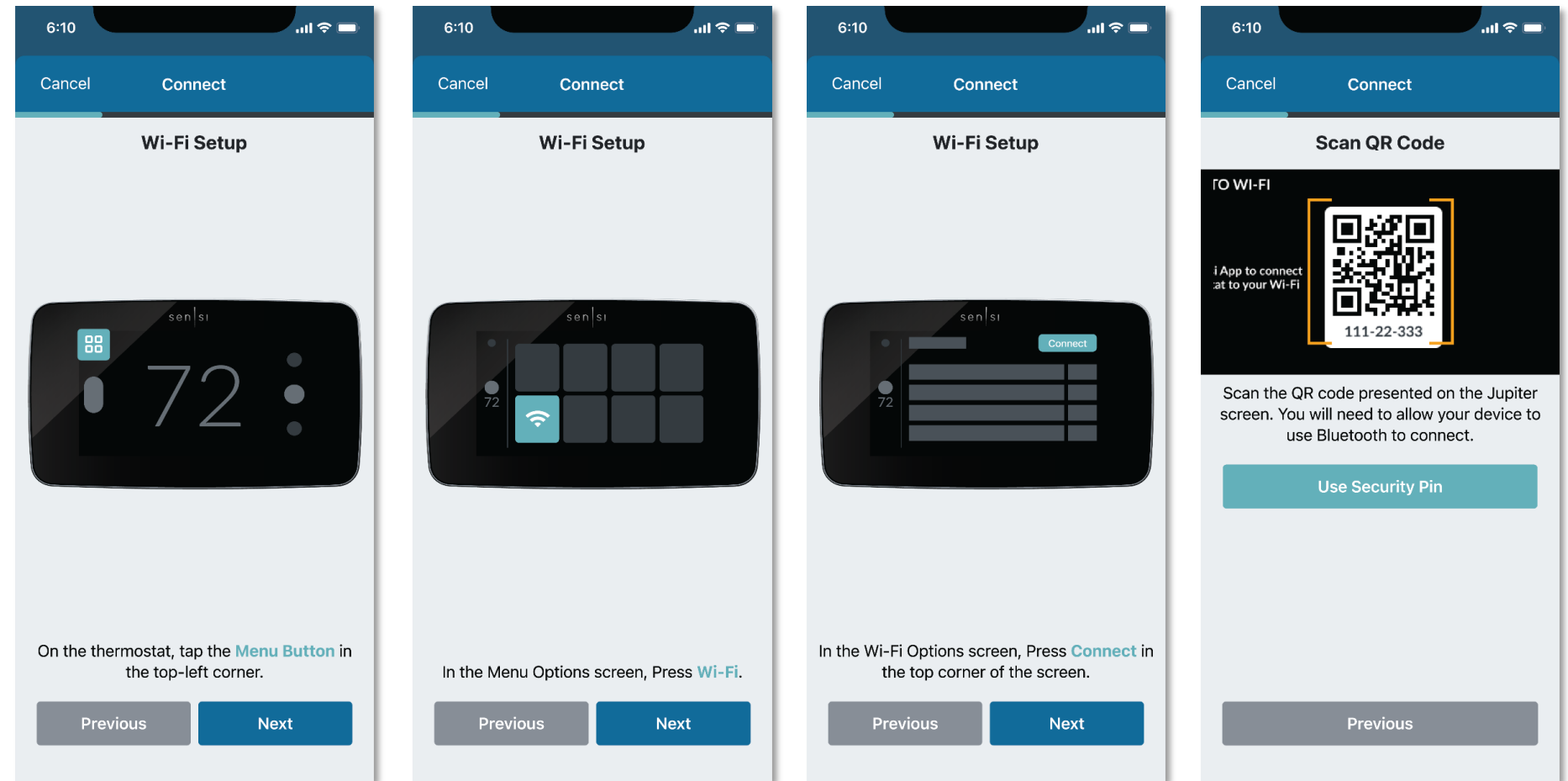
TECH TIP: Sensi is only compatible with 2.4GHz networks. If your network does not show up in the list, it is either hidden or not compatible with Sensi.

Turn on Geofencing

- Saves energy when you are away by adjusting 3° lower heat or higher cool based on your phone, or multiple phone locations

- 3° setback happens automatically when geofenced phones are 3 or more miles away.

- Just Tap Scheduling, then Geofencing.

EXAMPLE: Joe and Jane live in a condo. Joe turns on geofencing. Now when Joe leaves the thermostat sets back 3 degrees. If Jane turns on geofencing in her phone, set back will not happen until both Joe and Jane leave the home.
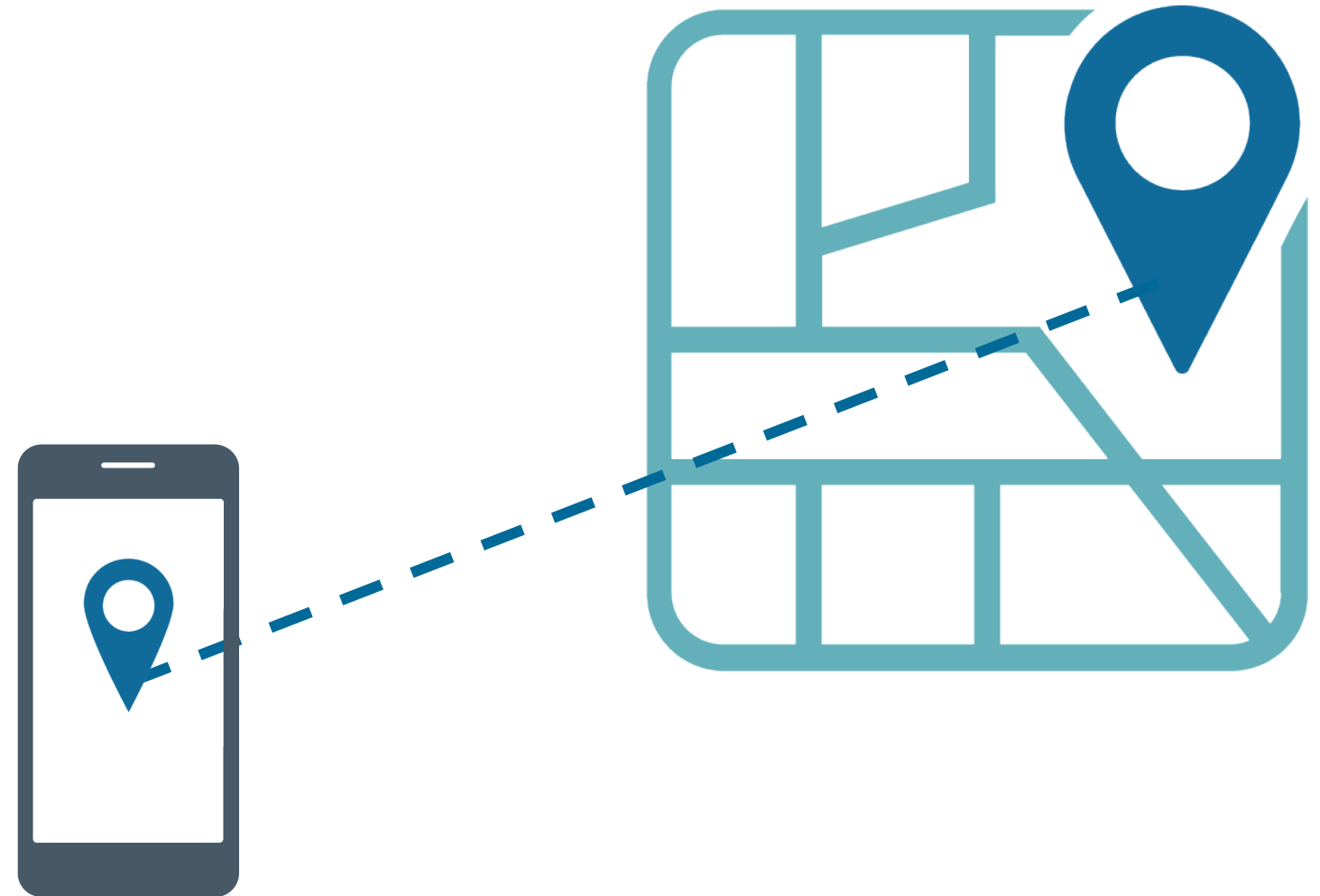
Create Schedules

The Sensi app is easy for people with a fixed schedule to use with a simple step-by-step format to:

- Use the factory pre-programmed schedule

- Create custom heat/cool schedules

- Copy, customize and store multiple schedules

- Override, change or cancel schedules

Energy Saving Default Program

	*WAKE UP (MORNING)		LEAVE FOR WORK (DAY)		*RETURN HOME (EVENING)		GO TO BED (NIGHT)	
Heating Program	6:00 AM	70°F	8:00 AM	62°F	5:00 PM	70°F	10:00 PM	62°F
Cooling Program	6:00 AM	75°F	8:00 AM	83°F	5:00 PM	75°F	10:00 PM	78°F

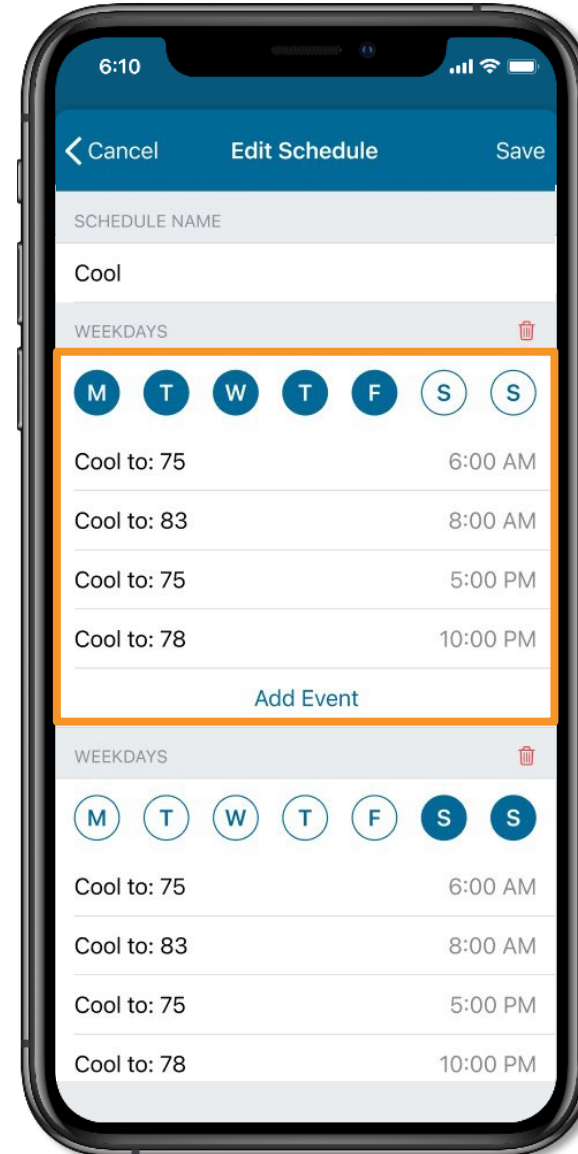# Scheduling Continued

1 Press Schedule and select Edit Schedules
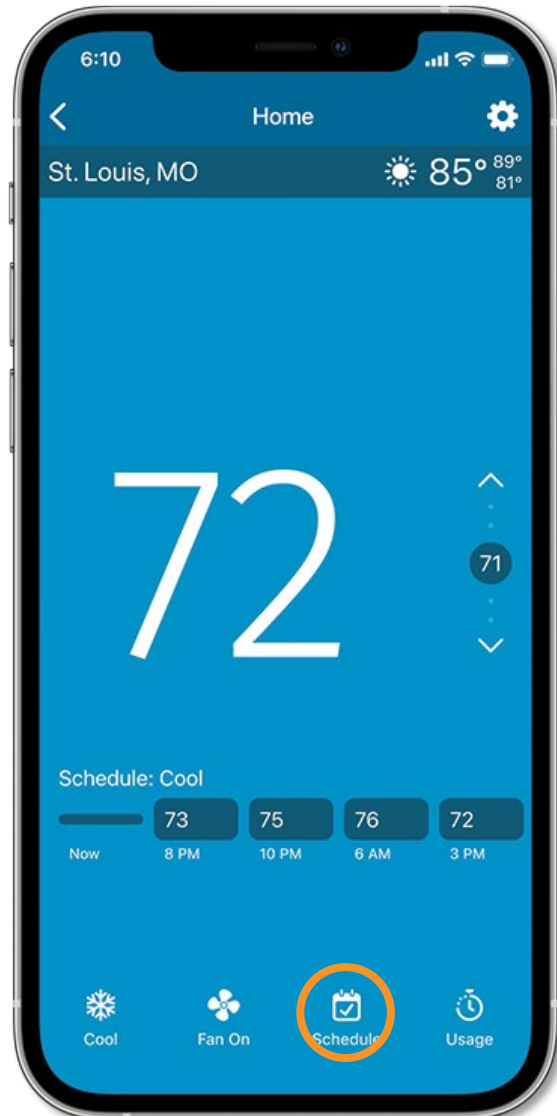
2 Choose a schedule to edit or create a new one
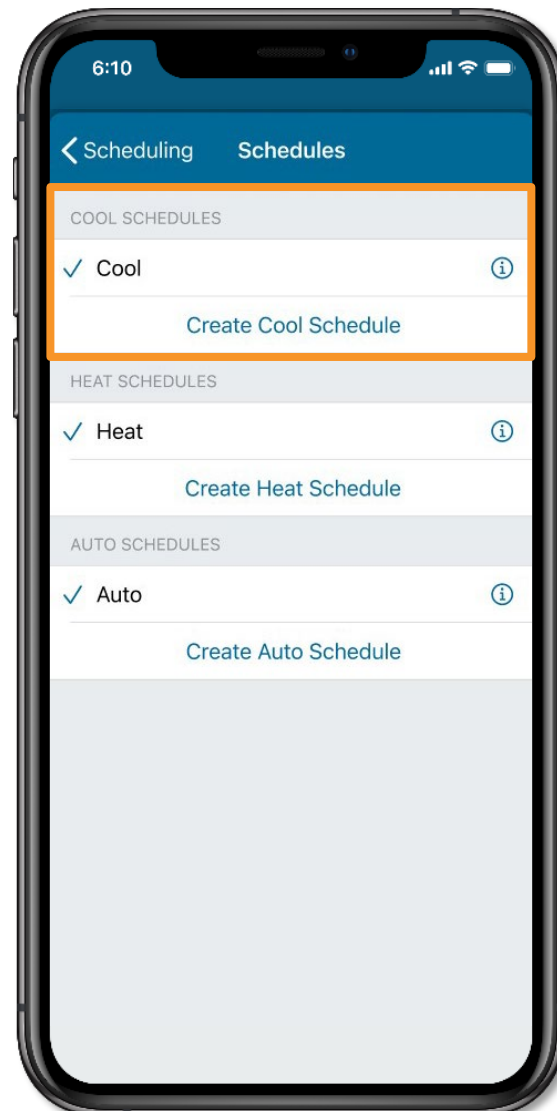
3 Select the days

4 Set Time/Temp

Sensi Touch 2 smart thermostat

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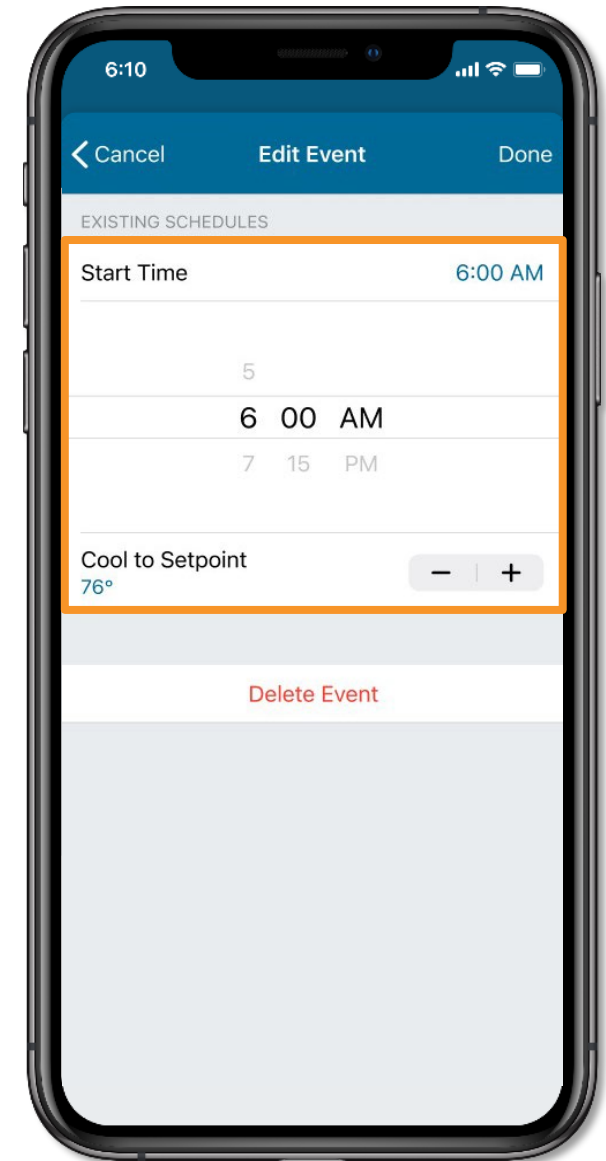
Sensi Thermostat – System Troubleshooting

Symptom	Possible Cause	Corrective Action
No Heat/ No Cool/ No Fan/ Blank Display (common problem)	1. Blown fuse or tripped circuit 2. Furnace power switch to OFF 3. Furnace blower compartment door panel loose or not properly installed 4. Loose connection to thermostat or system	1. Replace fuse or reset breaker 2. Turn switch to ON 3. Replace door panel in proper position to engage safety interlock or door switch 4. Tighten Connection
No Heat	1. Heating System requires service or thermostat requires replacement	1. Diagnostic: Set Mode to Heat and raise the setpoint above room temperature. Within five minutes the thermostat should make a soft click sound and "Heating" should appear on display. This sound indicates the thermostat is operating properly. If the thermostat does not click, try resetting the thermostat. If the thermostat does not click after being reset, contact your heating and cooling service person or place of purchase for a replacement. If the thermostat clicks, verify the heating system is operating correctly.
No Cool	1. System not set to Cool 2. Loose connection to the thermostat or system 3. Cooling System requires service or thermostat requires replacement	1. Diagnostic: Set Mode to Cool and lower setpoint below room temperature. Same procedures as diagnostic for "No Heat" condition except set the thermostat to Cool and lower the setpoint below the room temperature. There may be up to a five minute delay before the thermostat clicks in Cooling if the AC Protection feature is on.
Heat, Cool or Fan Runs Constantly	Possible short in wiring, thermostat, heat, cool, or fan system.	Check each wire connection to verify they are not shorted or touching other wires. If the condition persists, try resetting the thermostat.

Sensi Thermostat – Wi-Fi/Room Sensor Troubleshooting

Symptom	Possible Cause	Corrective Action
No Wi-Fi Icon	1. Lost Wi-Fi credentials	1. Put Sensi in Wi-Fi setup mode and reconnect to Wi-Fi.
X Icon or X and Wi-Fi	1. Unsuccessful Wi-Fi connection 2. Lost connection 3. Wi-Fi router incompatibility or high firewall setting 4. Servers down	1. Incorrect home network password, retry with correct credentials 2. Signal strength or interference. Reposition router, turn off additional devices until the cause is isolated. 3. Power cycle router off then on. Check router compatibility online at Sensi.emerson.com and use recommended Wi-Fi settings. 4. Check server status online.
App Error	1. Cannot Create Secure Connection/Unable to connect to Sensi Network 2. Can't Connect to Sensi in Wi-Fi settings 3. Provisioning Error 4. Configuration Error 5. Authentication Error 6. Network Scan Error	1. Check the security code is entered correctly, turn off mobile Data, turn off network switch, force close app, forget networks, ensure the correct path has been selected, reboot thermostat and phone, and reset Network Settings on the phone. 2. Spinning icon, reset phone and thermostat. 3. Reset router, phone, and thermostat. Make sure router security has recommended settings. Try another device. 4. Hard reset the thermostat and force close the app. 5. Check that the home Wi-Fi Network Password is correct. Forget network password and reconnect. 6. SSID needs to be reformatted to eliminate 'non-standard' characters or symbols.

Sensi Support

Available 7 days a week.

SensiHelp.com

support@sensicomfort.com

888-605-7131

Mon.-Fri. 7am-7pm, Sat.-Sun. 8am-5pm (CST)

Sensi Touch 2 smart thermostat

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