

# Sensi™ Touch Smart Thermostat

Best Overall Smart Thermostat 2020



Designed with you in mind. Easy install for you, upgraded features and convenient comfort for your homeowners. It's contractor-tested and homeowner-approved.



## HD COLOR TOUCH SCREEN

The high-definition color display features easy-to-read temperatures and intuitive menus.

## SAVE ABOUT 23% ON HVAC ENERGY<sup>1</sup>

By adjusting the temperature using flexible scheduling, remote access, and geofencing, Sensi customers saved about 23% on HVAC energy usage.

## HUMIDITY CONTROL

Help homeowners stay comfortable with humidification/dehumidification control.

## SMART ALERTS

Notifies customers of extreme temperature and humidity levels.

## SMART HOME COMPATIBLE

Compatible with smart home platforms Amazon Alexa, the Google Assistant, Apple HomeKit and SmartThings.



## EASY TO INSTALL

Features illuminated easy-click terminals and in-app instructions.

## EASY TO CONNECT TO WI-FI

Easy step-by-step guide in the app to connect to Wi-Fi.

## CONTRACTOR-ON-CALL

The Sensi app stores your contact information so when your customer needs service, you're just a tap away. Register at [sensiregistration.com](http://sensiregistration.com).

## USAGE REPORTS

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

## CIRCULATING FAN

Air circulation may improve indoor air quality by helping to regulate temperature and prevent buildup of particles and mold.



1F95U-42WFB



1F95U-42WF



## DID YOU KNOW?

Up to 85% of Sensi customers replaced a working thermostat<sup>2</sup>



<sup>1</sup> Energy savings calculated by comparing operation time for a nationwide sample of Sensi users with temperature adjustments averaging 4° vs. users with no adjustments. Savings vary based on equipment type/condition, insulation, climate & temperature adjustment size/frequency.  
<sup>2</sup> Recent research study conducted by Emerson.  
 Use of the Works with Apple HomeKit logo means that an electronic accessory has been designed to connect specifically to iPod touch, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Google is a trademark of Google LLC.  
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 Emerson and Sensi are trademarks of Emerson Electric Co. ©2020 Emerson Electric Co. All rights reserved.  
 All system types require a common wire (c-wire). Does not work with electric baseboard heat and some other systems.



# Sensi Touch Smart Thermostat

1F95U-42WF  
1F95U-42WFB

## MAKING INSTALLATION EVEN EASIER

- Built-in level for picture-perfect mounting
- Terminal lights for increased visibility while wiring
- Large, easy-to-read terminal labels on the back plate
- Easy-click terminals, eliminating the need for a screwdriver
- Size that covers the existing footprint of most thermostats



## SPECIFICATIONS

### ELECTRICAL RATING

20 to 30 VAC, 50/60 Hz  
1.5 Amps maximum per terminal  
2.5 Amps maximum  
(all terminals combined)

### STANDARD SYSTEMS

Single-stage gas, oil, electric  
Single-stage heat pump  
Multi-stage gas, oil, electric  
Multi-stage heat pump

### SETPOINT RANGE

50°F to 99°F (10°C to 36°C)

### ACCESSORIES

Wallplate: (white) F61-2689 (6.75" x 4.50")  
Wallplate: (black) SA5B (6.75" X 4.50")  
Thermostat guard: F29-0198

### RATED DIFFERENTIALS (@ 6°F / HR)

Heat (conventional gas/oil/elect):  
Cool (central air):  
Heat pump (heat and cool):  
Heat pump (aux):

### COMPATIBILITY

Conventional heating and cooling system:  
  
Heat pump\*, heat only and cool only systems:

### SENSI ALERT

High temperature:  
Low temperature:  
High humidity:  
Loss of heat/cool:

Fast	Med	Slow
0.5°F	0.75°F	1.9°F
0.9°F	1.2°F	1.7°F
0.9°F	1.2°F	1.7°F
0.5°F	0.75°F	1.9°F

### Power Source

Hardwired only (c-wire)  
  
Hardwired only (c-wire)

### TRIGGER

Above 99°F  
Below 45°F  
Above 70%  
Temp goes up or down 5°F during cycle

### DIMENSIONS

5.625" W x 3.4" H x 1.00" D

### STORAGE

-20° to 150°F (-29° to 65°C)  
0%-90% RH non-condensing

### OPERATING AMBIENT

32°F to +105°F  
(0°C to +41°C)

### OPERATING HUMIDITY

90% non-condensing max

### DISPLAY TEMPERATURE RANGE

32°F to +99°F (0°C to 37°C)

### TITLE 24 COMPLIANT

### ENERGY STAR CERTIFIED

\*The Sensi thermostat provides automatic dual fuel control without an outdoor sensor. A fossil fuel kit may be added if user selectable balance point settings are desired.

Model	Program Options			Max Stages Heat/Cool		Applications				Power Source		Selectable Performance Features						Comfort & Convenience Features							
	Wi-Fi Control/Smart Home Qualified	7 Day	Non-Programmable	Conventional	Heat Pump	Gas/Oil/Electric	3 Wire Zone	Milivolt	PTAC Compatible	Battery	Hardwired (24V)	Auto Changerover	Circulating Fan	EMR/ Early Start Program	Temperature Limits	Humidity Control	Dual Fuel Control	Remote Sensor	Filter Change Reminder	Auto DST Adjust	Keypad Lockout	Cont. backglow w/ Common	Permanent Memory	Usage Reports	Energy Star Certified
1F95U-42WF	•	•	•	2/2	4/2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1F95U-42WFB	•	•	•	2/2	4/2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

## TERMINAL DESIGNATIONS



‡Thermostat has internal jumper on RC and RH. On two transformer systems, clip red jumper wire on thermostat.

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