The award-winning Sensi Smart Thermostat keeps homeowners connected to comfort and keeps you connected to your customers. Our Contractor-On-Call feature puts your company information at your homeowners’ fingertips.

**SAVE ABOUT 23% ON HVAC ENERGY**
Save money without compromising your comfort with features like geofencing, flexible scheduling and remote access.

**SMART ALERTS**
Smart alerts notify homeowners of extreme temperature or humidity levels.

**EASY TO INSTALL**
No c-wire required for most installations plus a built-in level for easy mounting.

**EASY TO CONNECT TO Wi-Fi**
Easy step-by-step guide in the app to connect to Wi-Fi.

**SMART HOME COMPATIBLE**
Compatible with smart home platforms Amazon Alexa, the Google Assistant, Apple HomeKit and Wink.

**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.

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

**MULTIPLE THERMOSTAT CONTROL**
Easy management for schools and light commercial applications.

**CIRCULATING FAN**
Improves air quality when a custom run time is set.

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. Apple, the Apple logo, iPad, iPad Air, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. HomeKit is a trademark of Apple Inc. To control this HomeKit-enabled accessory automatically and away from home, an Apple TV with tvOS 10.0 or later or an iPad with iOS 10.0 or later and an iPhone or iPad with 10.0 or later is recommended. App Store is a service mark of Apple Inc., registered in the U.S. and other countries.

*A common wire (c-wire) is required for Apple HomeKit, heat only systems, cool only systems and heat pump without auxiliary heat.

**Recent research study conducted by Emerson.

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1 Energy savings calculated by comparing operation time for a nationwide sample of Sensi users with temperature adjustments averaging 4o vs. users with no adjustments. Savings vary based on equipment type/condition, insulation, climate & temperature adjustment size/frequency.
Sensi Smart Thermostat
1F87U-42WF

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: F61-2663 (6.75” x 4.50”)
Thermostat guard: F29-0198

RATED DIFFERENTIALS (@ 6°F / HR)
Heat (conventional gas/oil/elect): Fast Med Slow
0.5°F 0.75°F 1.9°F
Cool (central air): 0.9°F 1.2°F 1.7°F
Heat pump (heat and cool): 0.9°F 1.2°F 1.7°F
Heat pump (aux): 0.5°F 0.75°F 1.9°F

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

Power Source
Battery (power sharing)
or hardwired (c-wire)

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

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

COMPATIBILITY

DUAL FUEL APPLICATIONS
Automatic staging for heat pump/gas
gas furnace without the need for outdoor

AUTO CHANGEOVER
Automatically switches between heating
and cooling within the set range.

KEYPAD LOCKOUT
Ideal for light commercial applications –
lock the thermostat keypad and keep the
control from the Sensi app.

BACKLIT DISPLAY
Easy-to-read screen in low light.

REMOTE ACCESS
Set, change and program home
comfort from anywhere.

FLEXIBLE SCHEDULING
Program a schedule for each
day of the week.

LOCAL WEATHER
Get easy weather updates.

HUMIDITY SENSOR
Displays indoor humidity on the
thermostat and in the app.

USAGE REPORTS
Usage reports monitor heating and cooling
runtimes along with average humidity.

ADVANCED FEATURES

DUAL FUEL APPLICATIONS
Automatic staging for heat pump/gas
furnace without the need for outdoor
sensor or additional equipment.

AUTO CHANGEOVER
Automatically switches between heating
and cooling within the set range.

KEYPAD LOCKOUT
Ideal for light commercial applications –
lock the thermostat keypad and keep the
control from the Sensi app.

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**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.**

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**TERMINAL DESIGNATIONS**

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