Sensi™ Smart Thermostat

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 comfort with features like geofencing, flexible scheduling and remote access.

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

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

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

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

**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.

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

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

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

**DID YOU KNOW?**
Up to 85% of Sensi customers replaced a working thermostat.

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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, iPod, iPhone, iPad, iPod Touch, the Apple TV logo, and AirPlay 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 with iOS 10.0 or later is recommended. App Store is a service mark of Apple Inc., registered in the U.S. and other countries.

1. Energy savings calculated by comparing operation time for a nationwide sample of Sensi users with temperature adjustments averaging 40 vs. users with no adjustments. Savings vary based on equipment type/condition, insulation, climate & temperature adjustment size/frequency.
2. A common wire (c-wire) is required for Apple HomeKit, heat only systems, cool only systems and heat pump without auxiliary heat.
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)**

<table>
<thead>
<tr>
<th></th>
<th>Fast</th>
<th>Med</th>
<th>Slow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat (conventional gas/oil/elect):</td>
<td>0.5°F</td>
<td>0.75°F</td>
<td>1.9°F</td>
</tr>
<tr>
<td>Cool (central air):</td>
<td>0.9°F</td>
<td>1.2°F</td>
<td>1.7°F</td>
</tr>
<tr>
<td>Heat pump (heat and cool):</td>
<td>0.9°F</td>
<td>1.2°F</td>
<td>1.7°F</td>
</tr>
<tr>
<td>Heat pump (aux):</td>
<td>0.5°F</td>
<td>0.75°F</td>
<td>1.9°F</td>
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**COMPARABILITY**
Conventional heating and cooling system:

- Apple HomeKit, heat pump*, heat only and cool only systems:

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

**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.

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

**ADVANCED FEATURES**

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>OPTIONS</th>
<th>MAX STAGES</th>
<th>APPLICATIONS</th>
<th>POWER SOURCE</th>
<th>SELECTABLE PERFORMANCE FEATURES</th>
<th>COMFORT &amp; CONVENIENCE FEATURES</th>
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<tbody>
<tr>
<td>Model Number</td>
<td>7 Day</td>
<td>2/2, 4/2</td>
<td></td>
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<td>1F87U-42WF</td>
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</table>

**TERMINAL DESIGNATIONS**

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

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

**OPERATING HUMIDITY**
90% non-condensing max

**DISPLAY TEMPERATURE RANGE**
32°F to +105°F (0°C to +41°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.*