Sensi smart thermostat

The award-winning Sensi smart thermostat keeps 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. Learn more at emerson.com/sensipartner

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**HVAC MONITORING**

Sensi smart thermostats deliver information homeowner’s need to maintain their HVAC equipment:

- **SMART ALERTS**
  Notifies customers when their system may need service, and your contact info is a click away.

- **SERVICE REMINDERS**
  Tells customers to contact you for routine maintenance or service.

- **USAGE REPORTS**
  Provides valuable system information to your customers with your company name prominently displayed every month.

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**EASY TO INSTALL & CONNECT**

No common wire (c-wire) required for most installations. Step-by-step guide in the Sensi app.

**SENSI PARTNER PROGRAM**

Put your name and contact info in front of customers right when they need it. You’ll reach customers through digital branding, smart alerts, service reminders, monthly usage reports, in-app branding and the Find A Pro tool.

**CONTRACTOR MODE**

With Contractor Mode, you can easily connect to every customer by registering thermostats individually or in batches.

**TEMPERATURE LIMITS**

Prevent others from adjusting temperatures too high or too low.

**KEYPAD LOCKOUT**

Maintain total control by disabling changes made by others at the thermostat.

**HUMIDITY CONTROL**

Help homeowners stay comfortable with humidification/dehumidification control.

**SAVE ABOUT 23% ON HVAC ENERGY**

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

**SMART HOME COMPATIBLE**

Works with Amazon Alexa, Google Assistant, Apple HomeKit (c-wire required), and Samsung SmartThings smart home platforms.

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1 Common wire (c-wire) is required for Apple HomeKit, heat only systems, cool only systems and heat pump systems.
2 Energy savings are 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.

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. A trademark of Reviewed.com Used under license; Reprinted with permission. Copyright 2020, Reviewed.com. All Rights Reserved
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 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.

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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**
- 45°F to 99°F (7°C to 37°C)

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

**ADVANCED FEATURES**

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>ELECTRICAL RATING</th>
<th>RATED DIFFERENTIALS (@ 6°F / HR)</th>
<th>FAST</th>
<th>MED</th>
<th>SLOW</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 to 30 VAC, 50/60 Hz</td>
<td>Heat (conventional gas/oil/elect):</td>
<td>0.5°F</td>
<td>0.75°F</td>
<td>1.9°F</td>
<td>5.88” W x 3.75” H x 1.00” D</td>
</tr>
<tr>
<td>1.5 Amps maximum per terminal</td>
<td>Cool (central air):</td>
<td>0.9°F</td>
<td>1.2°F</td>
<td>1.7°F</td>
<td></td>
</tr>
<tr>
<td>2.5 Amps maximum (all terminals combined)</td>
<td>Heat pump (heat and cool):</td>
<td>0.9°F</td>
<td>1.2°F</td>
<td>1.7°F</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Heat pump (aux):</td>
<td>0.5°F</td>
<td>0.75°F</td>
<td>1.9°F</td>
<td></td>
</tr>
</tbody>
</table>

**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**

**MODEL NUMBER**

<table>
<thead>
<tr>
<th>PROGRAMS</th>
<th>STAGES BY SYSTEM</th>
<th>SYSTEM TYPE</th>
<th>APPLICATIONS</th>
<th>POWER SOURCE</th>
<th>SELECTABLE PERFORMANCE FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1F87U-42WF</td>
<td>7, NP, Geofencing</td>
<td>Single Stage, Multi-Stage, Heat Pump</td>
<td>H, D</td>
<td>Battery (power sharing) or hardwired (c-wire)</td>
<td>-</td>
</tr>
</tbody>
</table>

1 Universal thermostats provide the flexibility to control Single Stage, Multi-Stage, or Heat Pump systems
2 Heat only, Cool only and 3-wire zone systems require common
3 Common wire required

**TERMINAL DESIGNATIONS**
- RC: Thermostat has internal jumper on RC and RH. On two transformer systems, clip red jumper wire on thermostat.