

Sensi Lite smart thermostat

The Sensi™ Lite smart thermostat puts energy savings in easy reach. Installation is quick and simple—no common wire required with most systems. The controls are familiar and intuitive. And, best of all, your usage activity and personal data stays private.

SMART HAS NEVER BEEN SO EASY

Sensi Lite is everything your customers are looking for in a smart thermostat - energy savings, modern design with a sleek glass touchscreen and lasting quality they can trust in their home.



1F76U-22WFB

EASY INSTALLATION

Just open the app, follow a few easy steps and installation is a snap. And, unlike other smart thermostats, you won't need to worry about a c-wire in most systems.¹

ENERGY SAVINGS

Save about 23% on HVAC energy³ through features like flexible scheduling, remote access and usage reports.

MONITOR HVAC PERFORMANCE

Homeowners can keep track of their HVAC system's performance with Smart Alerts, service reminders, usage reports and more.

PRIVACY PROTECTION

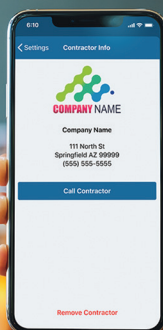
We care about your customers' privacy. Sensi will not sell their personal information to third parties or use their thermostat activity data for other targeting/advertising purposes.²

CONTROL FROM ANYWHERE

The top-rated Sensi mobile app for iOS and Android gives them total on-the-go access to adjust their thermostat from anywhere, anytime.

SMARTHOME COMPATIBLE

Sensi Lite works well with Amazon Alexa, Google Assistant and Samsung SmartThings smarthome platforms.



CONTRACTOR BRANDING

Put your name front and center on Sensi smart thermostats and in the Sensi app to stay top of mind and build lasting customer relationships. Simply scan a bar code in contractor mode before install to easily link every Sensi thermostat to your company branding.

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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 with AUX heat
 Two-stage gas, oil, electric
 Two-stage cooling

SETPOINT RANGE

45°F to 99°F (7°C to 37°C)

ACCESSORIES

Wallplate: (white) SA6W (6.75" x 4.50")
 Wallplate: (black) SA6B (6.75" x 4.50")
 Thermostat guard: F29-0198

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.

RATED DIFFERENTIALS (@ 6°F / HR)

| | FAST | MED | SLOW |
|------------------------------------|-------|--------|-------|
| Heat (conventional gas/oil/elect): | 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 |

COMPATIBILITY

| System Type | Compatible |
|----------------------------------|--|
| Conventional heating and cooling | Gas furnace Air conditioner Electric furnace Boiler |
| Heat only ¹ | Gas furnace Electric furnace Boiler |
| Cool only ¹ | Air conditioner |
| Heat pump | Heat pump only Gas furnace Electric furnace |

SENSI ALERT TRIGGER

| | |
|--------------------|---------------------------------------|
| High temperature: | Above 99°F |
| Low temperature: | Below 45°F |
| High humidity: | Above 70% |
| Loss of heat/cool: | Temp goes up or down 5°F during cycle |

WIRELESS TECHNOLOGY

2.4 Ghz Wi-Fi (802.11 a/b/g/n supported)
 Bluetooth Low Energy

DIMENSIONS

5.1" W x 3.1" H x .88" 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)

HUMIDITY RANGE

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 | PROGRAMS | | STAGES BY SYSTEM | | | SYSTEM TYPE | APPLICATIONS | | | | | | | POWER SOURCE | SELECTABLE PERFORMANCE FEATURES | | | | | | | |
|--------------|-------------------|-------------------------|------------------------|-----------------------|---------------------|--|----------------------|-------------------|---------------------|------------|--|--------------------|---|--|--|-----------------|---|------------------------|------------------------------------|--|---|--|
| | Program Options | Periods Per Day Options | Single Stage Heat/Cool | Multi-Stage Heat/Cool | Heat Pump Heat/Cool | Universal, Single Stage, Multi-Stage, Heat Pump* | Gas / Oil / Electric | 3 Wire Zone Valve | Milivolt Compatible | Economizer | Humidity Control (H)-Humidity / (D)-Dehumidify | Accessory Terminal | Dual Fuel Heat, Pump Control, Logic (L), Outdoor Sensor (O) | Remote Sensor Options, Indoor (I), Outdoor (O) | Battery (B), Hardwire / Common (H), Power Sharing (PS) | Auto Changeover | Programmable Fan (PF), Circulating Fan (CC) | Filter Change Reminder | Energy/Mgt. Recovery / Early Start | Total Keypad Lockout (T), Partial Keypad Lockout (P) | Set-Point Temperature Limits Adjustable Min/Max | Display Size, Backlight with Key Press (K) |
| 1F76U-22WFB | 7, NP, Geofencing | 8 Max | 1/1 | 2/1 or 1/2 | 2/1 | ✓ | ✓ | ✓ | - | - | - | - | L | - | H, PS | ✓ | CC | ✓ | ✓ | T | ✓ | 2.25" LCD |

TERMINAL DESIGNATIONS



* Universal thermostats provide the flexibility to control Single-stage, Multi-stage or Heat Pump systems.

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1 EASY INSTALLATION: Systems that require a common wire include heat-only and cool-only systems.
 2 PRIVACY PROTECTION: For full details, review the Sensi Privacy Policy at /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.
 3 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.
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