Sensi Touch 2 smart thermostat

The Sensi Touch 2 smart thermostat is the next evolution of smart thermostats by Emerson. With a new modern design, glass LCD touchscreen, enhanced user experience and compatibility with room sensors, this thermostat proves why Sensi smart thermostats are top rated by consumers.

1F96U-42WF *White*

1F96U-42WFB *Black*

RS01-SG

WORKS WITH ROOM SENSORS

When paired with a Sensi room sensor, the Sensi Touch 2 smart thermostat can help reduce hot and cold spots by prioritizing or balancing temperatures where homeowners need it most.

RANGE *Approximately 100 ft*
BATTERY LIFE *Up to 2 years*

TOP-RATED DESIGN
A full color, glass touchscreen and best-in-class precision temperature controls, packaged in the industry's thinnest smart thermostat.

EASY TO INSTALL AND CONNECT
Easy-to-use app guides you through each step of the install for easy setup. Works with HVAC equipment found in most homes. Common wire (c-wire) is required.

CONTROL FROM ANYWHERE
The Sensi mobile app for iOS and Android give you total on-the-go access to adjust your thermostat from anywhere, anytime.

SMART HOME COMPATIBLE
Works with Amazon Alexa, Google Assistant and Samsung SmartThings smart home platforms.

works with alexa   works with Hey Google   Works with SmartThings

PRIVACY PROTECTION
Sensi doesn't sell your personal information to third parties or use your thermostat activity data for other targeting/advertising purposes[1].

SMART MAINTENANCE
Homeowners can monitor the performance of their HVAC system with alerts and service reminders.

ENERGY SAVINGS
Save about 23% on HVAC energy[2] through features like flexible scheduling, remote access and usage reports.

ACCESSORY TERMINALS
Designated terminals for humidifiers and dehumidifiers.

Sensi Touch 2 smart thermostat
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: (white) SA6W (6.75" x 4.50")

Wallplate: (black) SA6B (6.75" x 4.50")

Thermostat guard: F29-0198

Room sensor (1 pack): RS01-SG

Room sensor (3 pack): RS01-SGB3

*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

Conventional heating and cooling	Gas furnace Air conditioner Electric furnace Boiler
Heat only	Gas furnace Electric furnace Boiler
Cool only	Air conditioner
Heat pump	

All systems require a common wire (c-wire)

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

5.6" W x 3.25" H x .77" 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	Millivolt Compatible	Economizer	Humidity Control (H)-Humidify / (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), Continuous Backlight with Common (C)
1F96U-42WF 1F96U-42WFB	7, NP, Geofencing	8 Max	1/1	2/2	4/2	✓	✓	✓	–	–	H, D	✓	L	I	H	✓	CC	✓	✓	T	✓	4.3" Color

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

TERMINAL DESIGNATIONS

‡

RC RH C Y Y2/* W/E W2/* G O/B ACC+ ACC-

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

PRO 5 YEAR LIMITED WARRANTY

EMERSON™