



1F96U-42WF



1F96U-42WFB



Sensi room sensors

Sensi room sensors are designed to remotely monitor temperature and humidity in different rooms of your home. Sensors are sold separately.

Sensi Touch 2 smart thermostat

The next evolution of smart thermostats 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.

Features

- Compatible with Sensi Room Sensors to balance temperatures throughout your customer's home (sold separately).
- Step-by-step instructions and a traditional footprint makes install easy - no painting or patching needed.
- Add your information on the thermostat sleep screen and in your customer's app, to make sure you stay top of mind.
- Dedicated accessory terminals designed for humidifiers and dehumidifiers.
- Sensi can help monitor the performance and efficiency of your customer's HVAC system by delivering valuable usage reports, alerts about their equipment, and maintenance reminders like filter replacement.
- Circulating fan: Helps maximize comfort and balance temperature throughout your home by increasing air circulation.
- Provides multiple thermostat control for easy management for schools and light commercial applications.
- ENERGY STAR certified. Check for eligible utility rebates at sensi.emerson.com/rebates.
- Saves about 23% of HVAC energy by adjusting the temperature using flexible scheduling, remote access and geofencing.
- Geofencing allows temperatures to change automatically based on the location of the homeowner's smartphone.
- Sensi easily integrates with popular smart home platforms including Amazon Alexa, Google Assistant and Samsung SmartThings.

Specifications

Electrical rating hardwire.....	30 Vac, NEC Class II, 50/60 Hz
Electrical rating battery power.....	N/A
Terminal load.....	1.5 Amps per terminal, 2.5 Amps maximum (all terminals combined)
Set-point range.....	45 to 99°F (7 to 37°C)
Heat differential (conventional / gas / oil / elec).....	Fast 0.5°F, Med. 0.75°, Slow 1.9°F
Cool differential (central air).....	Fast 0.9°F, Med. 1.2°, Slow 1.7°F
Heat pump differential (heat and cool).....	Fast 0.9°F, Med. 1.2°, Slow 1.7°F
Aux. heat differential.....	Fast 0.5°F, Med. 0.75°, Slow 1.9°F
Operating humidity.....	0%-90% RH non-condensing max.
Dimensions.....	5.6 in. L X 3.25 in. H X .77 in. D
Storage temperature range.....	-40 to 150°F (-40 to 65°C)
Requires common wire.....	Yes

Parts and accessories

Description	Model number	Item number
Room Sensor - 1 pack	RS01-SG	RS01-SG
Thermostat Guard - Clear Plastic	F29-0198	F29-0198
Wallplate (White) 6.75"W X 4.5"H	SA6W	SA6W
Wallplate (Black) 6.75"W X 4.5"H	SA6B	SA6B
Wallplate (Silver) 6.75"W X 4.5"H	SA5S	SA5S
Thermostat Common Wire Kit	SA11	SA11

Universal - 4 heat / 2 cool Sensi Touch 2 smart thermostat

Programs		Stages by system			System type	Model number	Item number	Applications						Power source	Selectable performance features						Available connections		
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 1			Gas / Oil / Electric	3 Wire Zone Valve	Millivolt Compatible	Economizer	Humidity Control	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) Comfort Circulating Fan (CC)	Filter Change Reminder	Energy Mgt. Recovery / Early Start	Total Keypad Lockout (T) Partial keypad Lockout (P)	Set-Point Temperature Limits Adjustable Max / Min	Display Size, Backlight with Key Press (K) Continuous Backlight with Common (C)	Terminals
7, NP, Geo	8 Max	1/1	2/2	4/2	Universal Sensi Touch 2	1F96U-42WF	1F96U-42WF	✓	✓	—	—	H, D	L	I	H	✓	CC	✓	✓	T	✓	4.3" Color	RC, RH, C, W/E, W2,Y, Y2, O/B, G, ACC+, ACC-
7, NP, Geo	8 Max	1/1	2/2	4/2	Universal Sensi Touch 2	1F96U-42WFB	1F96U-42WFB	✓	✓	—	—	H, D	L	I	H	✓	CC	✓	✓	T	✓	4.3" Color	RC, RH, C, W/E, W2,Y, Y2, O/B, G, ACC+, ACC-

¹ Universal thermostats provide the flexibility to control single stage, multi-stage, or heat pump systems.