




Sensi Touch Smart Thermostat 1F95U-42WF and 1F95U-42WFB Specifications Manual

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Specifications Manual



1F95U-42WF



F95U-42WFB



Sensi Touch Smart Thermostat 1F95U-42WF and 1F95U-42WFB

Easy install for you, upgraded features and convenient comfort for your homeowners. It's contractor-tested and homeowner-approved.

Sensi Partners get access to program benefits including homeowner leads, contractor branding, custom literature and free online training. Learn more at emerson.com/sensipartner



Easy to install & connect

Features illuminated easy-click terminals and in-app instructions.



Contractor mode

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



Contractor-on-call

Be the contractor on call in customers monthly usage reports, service reminders, smart alerts and in-app. Register at sensiregistration.com



Smart alerts

Notifies customers of extreme temperature and humidity levels.



Humidity control

Help homeowners stay comfortable with humidification/ dehumidification control.



Service reminders

Customers receive notifications when routine maintenance needs to be done. The Sensi app will remind them when it's time for a new air filter and other HVAC maintenance.



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.



Usage reports

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



Circulating Fan

Air circulation may improve indoor air quality by helping to regulate temperature and prevent buildup of particles and mold.



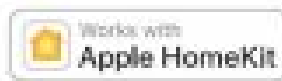
Keypad lockout & temperature limits

Maintain total control by setting temperature limits and disabling changes by others at the thermostat.



Smart home compatible

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



1 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.

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MAKING INSTALLATION EVEN EASIER



- Built-in level for picture-perfect mounting
- Terminal lights for increased visibility while wiring
- Large, easy-to-read terminal labels on the back plate
- Easy-click terminals, eliminating the need for a screwdriver
- Size that covers the existing footprint of most thermostats

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 (10°C to 36°C)

Accessories

- Wallplate: (white) F61-2689 (6.75" x 4.50")
- Wallplate: (black) SA5B (6.75" X 4.50")
- Thermostat guard: F29-0198

Rated Differentials (@ 6°F / Hr)

- Heat (conventional gas/oil/elect):
- Cool (central air):
- Heat pump (heat and cool):
- Heat pump (aux):

Compatibility

- 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:

FAST	MED	SLOW
0.5°F	0.75°F	1.9°F
0.9°F	1.2°F	1.7°F
0.9°F	1.2°F	1.7°F
0.5°F	0.75°F	1.9°F

POWER SOURCE

- Hardwired only (c-wire)
- Hardwired only (c-wire)

TRIGGER

- Above 99°F
- Below 45°F
- Above 70%
- Temp goes up or down 5°F during cycle

Dimensions

- 5.625" W x 3.4" H x 1.00" 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)

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

*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.

Model	Temperature Control				Humidity Control				Air Quality Control				Smart Features			
	Programmable	Adaptive	Single Stage	Multi-Stage	Heat Pump	Humidity	Dehumidifier	Humidifier	CO2	IAQ	Filter	Smart	App	Voice	Geotagging	Energy
Sensi	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

Terminal Designations



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



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