



Sensi™ Wi-Fi Thermostat

Remote system access from smartphone, tablet or PC

sensicomfort.com

1F86U-42WF



Simple to Install

- No “C wire” required for most applications
- Operates on 2 “AA” alkaline batteries
Heat Only & Cool Only Systems require a “C Wire”

Easy to Connect

- Use Sensi App to connect thermostat to Wi-Fi Router
- No additional accessories/gateway required
- Requires iOS or Android to connect

Connect with Your Customers

- Keep your contact information in your customer’s smartphone or tablet... be just a tap away when service is needed
- Sign up at SensiRegistration.com



5-Year Limited Warranty

Universal Application

- Up to 4 heat / 2 cool
- Works without Wi-Fi as a standard thermostat



Energy Aware Qualified



Loaded with Homeowner Benefits

Adjust the temperature with just a touch, from anywhere!

- When Sensi is connected to the home Wi-Fi- Router, control is always at hand.
- Control multiple thermostats with one account, from multiple smart devices.



No more wasteful heating or cooling an empty home!

- The intuitive Sensi App empowers users to control their comfort, even if not on a regular schedule.
- With 9 schedules to pick from with a single touch, users don’t have to choose between saving energy and enjoying comfort.

White-Rodgers™


EMERSON™
Climate Technologies

Sensi™ Wi-Fi Thermostat

1F86U-42WF

Universal – 4 Heat / 2 Cool

Remote system access from smartphone, tablet or PC

Simple to install. Easy to connect.

Sensi App On-Screen Display Includes

- Current Room Temperature
- Current Room Humidity (display, not control)
- Local Weather and Conditions
- System & Fan Modes
- System Status (heating, cooling & standby)
- Current Day's Schedule
- Next Program Schedule Change
- Location and Name of Thermostat

Comfort and Convenience

- Automatic Day Light Savings Time Adjustment
- Auto heat/cool changeover option
- Maintains room temperature to within +/- 1 °F
- Room temperature display can be recalibrated up to +/- 5 °
- Permanent program retention during power loss
- A/C compressor protection



Sensi App Menu Options

- Intuitive Scheduling – fits any schedule
- Thermostat Settings – flexible for each connected device
- Contractor Information – for service at your customers fingertips
- Account Information – puts you in charge

Thermostat Display

- Backlight Button – for easier low-light viewing
- Optional Continuous Display Light (with “C wire”)
- Large, Easy-to-Read Character Size



Energy Performance

- Energy Aware Qualified
- Energy Savings Up to 30% – using convenient heating and cooling program schedule

Terminal Designations*



* See installation booklet or www.white-rogers.com for terminal descriptions

§ Thermostat has internal jumper on RC and RH. On 2 transformer systems, clip red jumper wire on back of thermostat

Dimensions

5.875" W x 3.75" H x 1.125" D

Thermal Specifications

Setpoint Temperature Range:
45° to 99° F (7° to 37° C)

Rated Differential:
Heat 0.6° F; Cool 1.2° F
Heat 1.2° F; Cool 1.2° F (Heat Pump)

Operating Humidity Range:
90% non-condensing maximum

Electrical Specifications

Rating
20 to 30 VAC, 50/60 Hz
0.05 to 1.5 Amps (load per terminal)

1.5 Amps maximum load (all terminals combined)

Standard Systems
Single Stage gas, oil, electric
Single Stage heat pump
Multi-Stage gas, oil, electric
Multi-Stage heat pump

Accessories

Thermostat Guards
Clear – F29-0198

For Additional Information

Visit www.sensicomfort.com

SENSI THERMOSTAT COMPATIBILITY CHART

System	System Compatible	Power Source
Heating and Cooling Systems	Yes	Battery or Hardwired (C Wire)
Heat Pump Systems with Aux. Heat	Yes	Battery or Hardwired (C Wire)
Heat Pump Systems with Dual Fuel	Requires Fossil Fuel Kit	Battery or Hardwired (C Wire)
Heat Pump Only Systems	Yes	Hardwired Only (C Wire)
Heat Only Systems	Yes	Hardwired Only (C Wire)
Cool Only Systems	Yes	Hardwired Only (C Wire)

Single Stage	Multi-Stage	Heat Pump	Programs	Model	Applications	Power Source	Selectable Performance Features	Comfort and Convenience Features									
Stages Heat/Cool by System	Program Options	Model Number	Gas/Oil/Electric	3 Wire Zone	Millivolt	Auto Changeover	Programmable Fan	Early Start Recovery	Dual Fuel Control	Keypad Lockout	Outdoor Remote Sensor	Selectable °F/°C	Humidity Display	Setpoint Temperature Limit	Lighted Display	Audible Feedback	Permanent Memory
1/1	2/2	4/2	7-day/Ø ^	1F86U-42WF	✓		B, H	✓		✓		✓	✓		✓		✓

B = Battery Powered H = Hardwired ^ Non-programmable

† Optional Continuous Display Light with “C wire” connection

White-Rodgers™

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www.white-rogers.com
www.emersonclimate.com

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