System control from smartphone, tablet or PC

1F86U-42WF

Easy to Install
• No “c-wire” required for most applications
  Heat Only & Cool Only Systems Require a “c-wire”
• Traditional wiring and configuration

Simple to Connect
• Connect to home Wi-Fi at installation or let your customer connect later with the Sensi app
• Use Android or iOS devices to connect Wi-Fi

Connect with Your Customers
• Put your company name and contact info in your customer’s smartphone or tablet so you are one tap away when service is needed
• Sign up for free at SensiRegistration.com

Over-The-Air (OTA) Product Updates
• The first Sensi thermostat sold is better than ever
• Connected customers automatically receive the latest features like newly added alert emails and dual fuel capability

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

Energy Aware Qualified

Top Rated Homeowner Benefits

Adjust the temperature with just a touch, from anywhere!
• Control multiple thermostats — from multiple smart devices or online at SensiComfort.com

No more wasting money heating or cooling an empty home!
• The intuitive Sensi App lets users control their comfort and budget, even if they don’t have a set schedule
• With 8 schedules to pick from, users don’t have to choose between saving energy and enjoying comfort
Sensi™ Wi-Fi Programmable Thermostat

1F86U-42WF
Universal — 4 Heat / 2 Cool

System control from smartphone, tablet or PC

Easy to install. Simple to connect.

Sensi App Features Include

- Control heating and cooling from anywhere
- Receive high and low temperature or loss of heating or cooling alert emails
- Set a schedule, adjust the temperature or check the room temperature
- See current settings and upcoming program changes with intuitive day-at-a-glance schedule bar

Comfort and Convenience

- Current room humidity (display, not control)
- Automatic Daylight Savings Time Adjustment
- Auto heat/cool changeover option
- Maintains room temperature to within +/- 1°F
- Room temperature display can be recalibrated up to +/- 5°F
- Permanent program retention during power loss
- A/C compressor protection
- Keypad lockout with full control from app

Sensi App Menu Options

- Intuitive Scheduling – fits any lifestyle
- Thermostat Settings – flexible for each connected device
- Contractor Contact Information – for service at your customer’s fingertips

Thermostat Display

- Backlight Button – for easier low-light viewing
- Optional Continuous Display Light (with “c-wire”)

Energy Performance

- Energy Aware Qualified
- Energy Savings up to 30%

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)

Rating

20 to 30 VAC, 50/60 Hz
0.05 to 1.5 Amps (load per terminal)
2.5 Amps maximum load (all terminals combined)

Standard Systems

- Single Stage gas, oil, electric
- Multi-Stage gas, oil, electric

Multi-Stage heat pump

Sensi App - Call for Cooling

Terminal Designations

‡ See installation booklet or www.white-rodgers.com for terminal descriptions.

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

Electrical Specifications

Wall Plate
F61-2663 (6-3/4” x 4-1/2”) to cover marks left by previously installed thermostats

Thermostat Guard
Clear F29-0198 For Additional Information
Visit EmersonSensi.com

Accessories

Wall Plate
F61-2663 (6-3/4” x 4-1/2”) to cover marks left by previously installed thermostats

Terminal Designations

- RC: Common
- RH: Heating/Room
- C: Cool
- WE: 1st Transformer
- W/E: 2nd Transformer
- O/B: 3rd Transformer
- Y2: Furnace Control

Model Number

Program Options

- 7 Day
- 5+1+1 Day
- Non-Programmable
- Conventional
- Heat Pump
- Gas/Oil/Electric
- 3-Wire Zone
- Millivolt
- Battery
- Hardwired (24V)
- Auto Changeover
- Programmable Fan
- YM/E Energy Start/Program
- Temperature Limits
- Humidity Display
- Dual Fuel Control
- Remote Sensor
- Filter Change Reminder
- Auto DST Adjust
- Keypad Lockout
- Cont. Backlight
- w/Common
- Permanent Memory

Energy Savings up to 30%

2 AA Batteries Included

Wi-Fi is a trademark of the Wi-Fi Alliance.

EmersonSensi.com
White-Rodgers.com

Markham, Ontario
905-948-3411

Saint Louis, Missouri
314-553-3600

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