

White-Rodgers 80 Series®

5-Year
Warranty

Universal Single Stage/ Multi-Stage/Heat Pump

Universal Wireless Remote Convenient Thermostat/Remote Sensor Kit



- 5/1/1 Day Programmable or Non-Programmable
- Hardwired or Power Stealing

1F85RF-275 Kit

*Multi-Stage/Heat Pump/Single Stage
5/1/1 Day Programmable
or Non-Programmable*



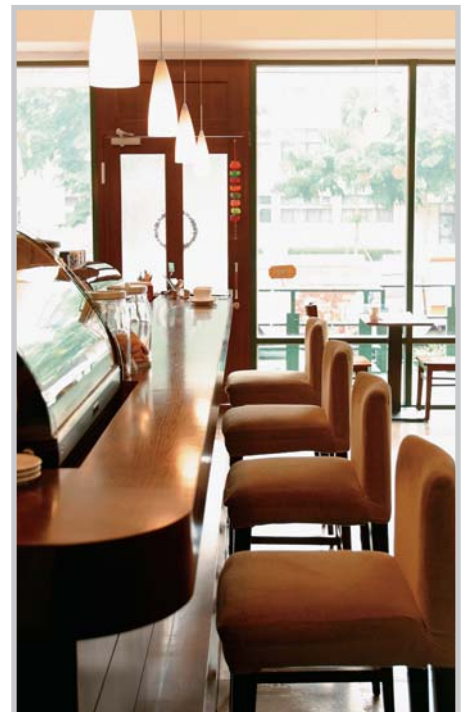
1F85RF-275

Wireless Remote Sensor

**wireless.
effortless.
happiness.**

**Residential or commercial,
bringing comfort to any room
has never been faster.**

Solve temperature problems quickly with the 1F85RF-275 thermostat kit. A wireless RF remote sensor may be placed upstairs, downstairs or in a sunroom to **eliminate hot and cold spots**. With no sensor wires to pull, each installation is between 30 and 60 minutes faster. Plus, it's the only wireless system that offers temperature control right at the remote sensor to ensure comfort at every level.



White
Rodgers™


EMERSON
Climate Technologies

White-Rodgers

80 Series® Universal Wireless Remote Convenient Thermostat/Remote Sensor Kit

1F85RF-275 Kit
Multi-Stage/Heat Pump/Single Stage
5/1/1 Day Programmable
or Non-Programmable

- Auto-Changeover
- 5/1/1 Day Programmable or Non-Programmable
- Hardwired or Power Stealing with Battery Back-up

WIRELESS REMOTE SENSOR

- Battery monitor
- Two+ year battery life for transmitter
- Lighted display
- 60,000+ serialized codes for transmitter/receiver combinations
- 10 user selectable radio freq. channels
- Remote temporary override capability from 0 to 8 hours (4-hour default) +/- 4°
- Keypad lockout
- Includes 2 "AAA" batteries

THERMOSTAT

Programming

- Choice of 5/1/1 day programmable or non-programmable
- 4 time and 4 temperature settings per program (heat & cool)
- Energy savings up to 33%
- Patented pre-programmed software simplifies time and temperature programming

Display

- Lighted display for easier low-light viewing

Comfort & Convenience

- Optional minimum and maximum temperature configurable
- Auto-Changeover (optional)
- Permanent program retention during power loss, no batteries needed
- Indefinite setpoint Hold or programmable timed Hold up to 8 hours
- Air filter change indicator
- Simple "set-up" menu to activate optional features
- Programmed temporary temperature override 2 hours or until next program period
- Maintains room temperature differential within +/- 1°
- Display temperature recalibration (+/- 4°)
- Includes 2 "AA" premium brand alkaline batteries

Performance

- Universal – Single Stage, Multi-Stage or Heat Pump
- Coded keypad lockout
- Setpoint temperature limits
- Selectable Energy Management Recovery
- Meets ENERGY STAR® specifications
- Meets California Building Code, Title 24
- Fast (FA) or slow (SL) heating cycle anticipation
- Compressor lockout protection (optional)

Wireless Features

- Wireless temperature sensing inside and outside
- Temperature averaging/weighting by program period remote and local
- Indicator icons for successful communication status
- Wireless range up to 200 feet

Terminal Designations



Electrical Specifications

- Rating**
20 to 30 VAC, 50/60 Hz or DC
- 0.05 to 1.5 Amps (load per terminal)
- 2.5 Amps maximum load (all terminals combined)
- Standard Systems**
Multi-Stage—2 stage heat, 2 stage cool
- Heat Pump—up to 3 stage heat, and 2 stage cool
- Single stage gas, oil, electric

Thermal Specifications

- Setpoint Temperature Range:
45° to 90°F (7° to 32°C)
- Rated Differential:
0.6° to 1.6°F with adjustable anticipation
- Operating Ambient Temperature:
32° to 105°F (0° to 40°C)
- Operating Humidity Range:
90% non-condensing maximum
- Shipping Temperature Range:
-40° to 150°F (-40° to 65°C)

Dimensions

- Thermostat – 6.1"W x 3.8"H x 1.75"D
- Sensor – 4.2"W x 2.6"H x 0.8"D

Accessories

- Wall Plate F61-2500 (7.6"W x 4.8"H)
- Thermostat Guard F29-0231
(For additional guard options refer to White-Rodgers catalog)

For Additional Information

Visit www.white-rodgers.com

Stages Heat/Cool by System			Programs	Model	Applications				Selectable Performance Features					Comfort & Convenience Features						
Single Stage	Multi-Stage	Heat Pump	Program Options	Model Number	Gas/Oil/Electric	3 Wire Zone Valve	Millivolt Compatible	Thermostat Power Source*	Auto Changeover	Program Override	Energy Management Recovery	Programmable Fan	Energy Star	Display Size (sq. in.)	Alkaline Battery Life (Years)	Lighted Display	Cool Savings	Furnace Lockout Ignition Module Reset	Memory Back-up P-Permanent B-Battery	Warranty (Years)
1/1	2/2	3/2	5+1+1, Ø	1F85RF-275	✓		✓	PS/H	✓	✓	✓		✓	2.2	2+	✓		✓	P	5

* PS/H= Power Stealing with Battery Back-up or Hardwired option

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