

White-Rodgers 80 Series®

5-Year
Warranty

Universal
Single Stage/
Multi-Stage/Heat Pump

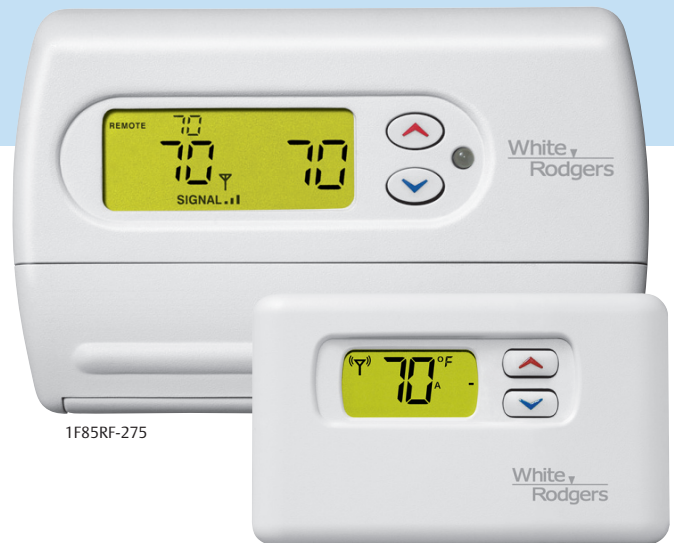
Universal Wireless Remote Convenient Thermostat/Remote Sensor Kit



- 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*



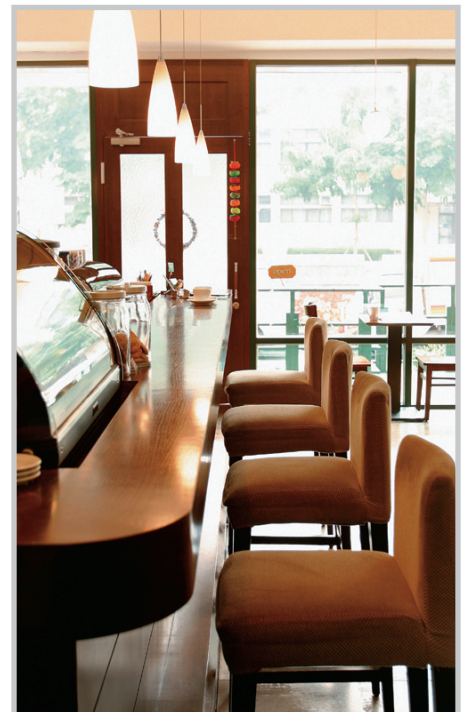
1F85RF-275

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

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” alkaline batteries for long battery life

Performance

Universal – Single Stage, Multi-Stage or Heat Pump

Dual Powered (Hardwire and Power Stealing)

Coded keypad lockout

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)

Setpoint temperature limits

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 Amp (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:
-4° to 150°F (-20° 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, 0	1F85RF-275	✓		✓	PS/H	✓	✓	✓		✓	2.2	2+	✓		✓	P	5

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

White
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