

White-Rodgers 90 Series™

Single Stage

Single Stage Thermostat



- Digital 7 Day, 5/1/1 Day, 5/2 Day Programmable and Non-Programmable
- Power Stealing

1F97-391*

Single Stage/Humidifier Control
7 Day Programming

1F97-371

Single Stage
7 Day Programmable

1F90-371

Single Stage
5/1/1 or 5/2 Day Programmable

1F96-344

Single Stage
Non-Programmable



*with
Humidifier
control

The Thermostat That Provides Maximum Control, Comfort and Convenience.

The 90 Series controls the humidifier, providing increased home comfort and greater energy savings. It offers more control and convenience features, plus the ease-of-use 90 Series thermostats are known for. And it's all backed by the White-Rodgers reputation for quality.

The Most Accuracy and Control. If you are looking for the ultimate in temperature control accuracy, you will find it in the 90 Series. Designed to control the temperature within +/- one degree, it provides the most comfort and energy savings available. And a reliable permanent memory retains your programmed settings in the event of a power failure. You can be assured that your settings will only change when you decide to change them. Additionally, 90 Series offers automatic changeover between heating and cooling programs, providing

comfort in any condition. Plus, it comes with an optional programmable blower control feature which provides more even temperature distribution and air circulation, or enables the operation of an air purification system.

The Most Comfort and Convenience. Our programmable models deliver perfect comfort by automatically changing to the temperature you selected for various times of the day... wake-up, daytime, evening hours and while you sleep.

Maximum Energy Savings. You can program heating and cooling times to cut energy use, not comfort. Save as much as 33% in energy costs, depending on your home's location, climate and program selections. And with the Energy Management Recovery feature, your thermostat will select the optimal start time for the most efficient temperature recovery possible.

White
Rodgers

EMERSON
Climate Technologies

White-Rodgers 90 Series™ Single Stage Thermostat

1F97-391
5 Day Programming

1F97-371
5/1/1 or 5/2 Day Programming

1F90-371
5/1/1 or 5/2 Day Programming

1F96-344
Non-Programmable

Programming

Choice of 7 or 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

Blue luminescent display

Comfort & Convenience

Humidifier Control (1F97-391)

Permanent program retention

Vacation programming

Air filter change indicator

Occupied/Unoccupied setpoints (1F96-344)

Optional continuous occupied fan (1F97-344)

Daylight Savings Time quick-change button

Temporary temperature override from 15 minutes to 19 hours or indefinite setpoint hold

Display temperature recalibration (+/- 5)

Performance

Automatic Heat/Cool System Changeover

Selectable Energy Management Recovery (1F90-371, 1F97-371, 1F97-391)

Built-in system and thermostat diagnostics

Digital-signal remote sensors (optional)

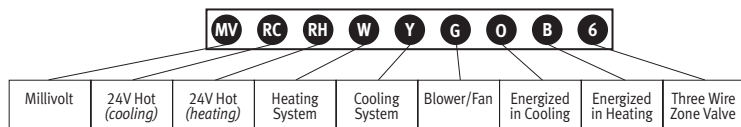
Meets ENERGY STAR® specifications (1F90-371, 1F97-371, 1F97-391)

Meets California Building Code, Title 24 (1F90-371, 1F97-371, 1F97-391)

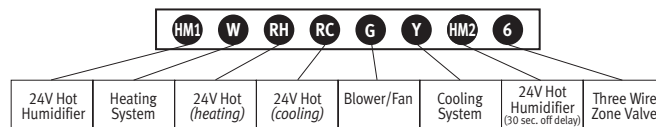
Compressor lockout protection

Electric heat option

Terminal Designations (1F97-371, 1F90-371, 1F96-344)



Terminal Designations (1F97-391)



Dimensions

6.9"W x 4.1"H x 1.3"D

Electrical Specifications

Rating

0 to 30 VAC, 50/60 Hz or DC

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

Application Guide

Single Stage	Multi-Stage	Heat Pump	Model	Programs	Applications	Selectable Performance Features																Comfort and Convenience Features														
						Stages Heat/Cool by System	Model Number	Program Options	Periods Per Day Options	Gas/Oil/Electric	3 Wire Zone	Millivolt	Humidity Control (H) Humidify (D) Dehumidify	Power Source	Auto Changeover	Heat Only or Cool Only Option	Programmable Fan	Comfort Circulating Fan	Energy Mgt. Recovery	Energy Star	Dual Fuel Option	Keypad Lockout	Setpoint Temp. Lims. Adj.	Program Override (AV) Adjust. Vari. (V) Variable (P) Current Prog.	Indoor Remote Sensor	Outdoor Remote Sensor	User Interface (T) Touchscreen/ (B) Button	Display Size (Square Inches)	Lighted Display	Audible Feedback	Alkaline Battery Life** (Years)	Cool Savings™	Daylight Sav. Adj. (A)Audio/(B)Button	Furnace Lockout Ignit. Mod. Reset	Memory Back-up (P) Permanent (B) Battery	Display Temp. Recalibration
3/1			1/1	1F97-391	7-day	4	✓	✓		H	PS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AV	✓		B	2.3	✓	✓	3		B	✓	P	✓	1
1/1			1/1	1F97-371	7-day	4	✓	✓	✓		PS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AV	✓		B	2.3	✓	✓	3		B	✓	P	✓	1
1/1			1/1	1F90-371	5+1+1, 5+2	4	✓	✓	✓		PS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AV	✓		B	2.3	✓	✓	3		B	✓	P	✓	1
1/1			1/1	1F96-344	∅	∅	✓	✓	✓		PS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		B	2.3	✓	✓	3			✓	P	✓	1

PS = Power Stealing with Battery Back-up ** Recommended Battery Change Interval is Once Per Year