

White-Rodgers 90 Series™ Blue

Universal
Single Stage/
Multi-Stage/Heat Pump

Universal Touchscreen Thermostats



- Choice of Single Stage or Staging Models
- Digital 7 Day, 5/1/1 Day Programmable or Non-Programmable
- Hardwired or Battery Powered

5-Year
Warranty

1F97-1277

Single Stage
Universal **NEW!**

- Programmable Fan/Remote Sensor

1F95-1277

Single Stage/Multi-Stage/
Heat Pump
Universal **NEW!**

- Programmable Fan/Remote Sensor

1F97-1271

Single Stage
Universal

1F95-1271

Single Stage/Multi-Stage/
Heat Pump
Universal



12-Square-Inch Display

Expanding the New Color of Innovation

White-Rodgers set an industry benchmark with the 90 Series Blue Touchscreen Thermostats. Now, the new 90 Series Blue Touchscreen offers even more features, delivering a new level of comfort to your customers.

Simple and logical installer menu set-up and programming and operation is enhanced with audio confirmation of touchscreen entries. Features like variable touchscreen security to prevent tampering, temporary and vacation overrides, and filter change reminders add convenience.

The new 90 Series touchscreen thermostats (-1277 Models) include programmable fan and remote sensing, as well as

the exclusive Cool Savings™ feature and dual fuel control, providing the ultimate in comfort control. Our +/- 1° temperature accuracy will keep your customers comfortable and protect their HVAC systems.

90 Series Blue is the result of smart, innovative thinking. Install 90 Series Blue with confidence because it's exclusively for the professional trade.

White
Rodgers


EMERSON
Climate Technologies

Exclusive 90 Series Blue (-1277 models) Features

- Large, 12-square-inch display with 10-second backlight
- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
- Dual fuel heat pump control (1F95-1277)
- Remote sensing indoor or outdoor and at the thermostat
- Programmable fan
- Circulator fan cycling
- Automatic daylight savings option

1F97-1277
Single Stage
Universal
NEW!
1F95-1277
Single Stage/Multi-Stage/
Heat Pump
Universal
NEW!

1F97-1271
Single Stage
Universal
1F95-1271
Single Stage/Multi-Stage/
Heat Pump
Universal

Programming

Universal – installer selectable system applications (1F95-1271, 1F95-1277)
Choice of 7 day, 5/1/1 day programmable or non-programmable (installer selectable)
4 time and 4 temperature settings per program (2 setbacks) heat and cool, or selectable - 2 time and 2 temperature settings (1 setback)
Energy savings up to 33%
Patented pre-programmed schedule simplifies time and temperature programming

Display

Large, 12-square-inch touchscreen display – largest in the industry
Blue, lighted display for easier low-light viewing
Larger, easy-to-read character size
Extra-large touch keys for easy operation
Clean, uncluttered touchscreen display provides easier navigation

Performance

Universal Dual-Powered – choice of battery-powered or hardwired with battery back-up
Selectable Energy Management Recovery
Meets ENERGY STAR® specifications
Meets California Building Code, Title 24
Fast (FA) or slow (SL) heating cycle anticipation
Exclusive “Call for Service” diagnostic indicator
Compressor lockout protection
Millivolt compatible
Electric heat option

Comfort & Convenience

Intuitive menu-driven set-up, programming and operation, with audio prompt to confirm touchscreen entries
Permanent program retention during power loss

Indefinite setpoint Hold or 4-hour temporary temperature override
Temporary temperature override – can be set from 15 minutes for Temporary adjustments up to 7 days for Vacation override
Auto heat/cool changeover option – automatically switches between heating and cooling programs
Heating and cooling, heating only or cooling only configuration (installer selectable)
Setpoint temperature “limited range” capable
Enhanced (variable) touchscreen security prevents tampering
Furnace filter change reminder
Humidifier pad change reminder (-1271 only)
Maintains room temperature to within +/- 1°
Room temperature display can be recalibrated up to +/- 4°

Terminal Designations* – Terminal Block Wire Connection											Additional Terminals					
1F97-1271	RC	RH	C	W	Y	G	L	O	B		1F97-1277	6	+	S	-	
1F95-1271	RC	RH	C	W/E	W2	Y	Y2	G	L	O	B	1F95-1277	6	+	S	-

*See installation instructions or www.white-roddgers.com for terminal descriptions

Dimensions

4.6"H x 5.9"W x 1.2"D

Thermal Specifications

Setpoint Temperature Range:
45° to 99° F (7° to 32° C)
Rated Differential:
Heat 0.6° F; Cool 1.2° F
Operating Ambient Temperature:
32° to 105° F (0° to 41° C)
Operating Humidity Range:
90% non-condensing maximum
Shipping Temperature Range:
-4° to 150° F (-20° to 65° C)

Electrical Specifications

Rating
Battery Power: mV to 30 VAC, NEC Class II, 50/60 HZ or DC
Input-Hardwire: 20 to 30 VAC
1.5 Amps (load per terminal)
2.5 Amps maximum load (all terminals combined)

Accessories

Thermostat Guards
Clear – F29-0198
Metal – F29-0220 (solid base)
F29-0222 (ring base)

Standard Systems

Single Stage gas, oil, electric
Single Stage heat pump
Millivolt Systems
Multi-Stage gas, oil electric (1F95-1271, 1F95-1277)
Multi-Stage heat pump (1F95-1271, 1F95-1277)

For Additional Information

Visit www.white-roddgers.com

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. Lmts. 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	warranty (Years)
1/1	1/1	1F97-1277	7,5+1+1,0	4, 2, 0	✓	✓	✓	B,H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AV	✓	✓	T	12.0	✓	✓	3	✓	A	✓	P	✓	5
1/1	2/2	3/2	1F95-1277	7,5+1+1,0	4, 2, 0	✓	✓	B,H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AV	✓	✓	T	12.0	✓	✓	3	✓	A	✓	P	✓	5
1/1	1/1	1F97-1271	7,5+1+1,0	4, 2, 0	✓	✓	✓	B,H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AV	✓	✓	T	12.0	✓	✓	3	✓		✓	P	✓	5
1/1	2/2	3/2	1F95-1271	7,5+1+1,0	4, 2, 0	✓	✓	B,H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AV	✓	✓	T	12.0	✓	✓	3	✓		✓	P	✓	5

B,H = Battery Power or Hardware ** Recommended Battery Change Interval is Once Per Year

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