

White-Rodgers 90 Series™ Blue

Universal Single Stage

Universal Single Stage Touchscreen Thermostat



- Digital 7 Day, 5/1/1 Day Programmable or Non-Programmable
- Hardwired or Battery Powered

5-Year
Warranty

1F97-1271

Single Stage
Universal



The New Color of Innovation.

White-Rodgers has set a new industry benchmark with the 90 Series Blue Touchscreen. “Blue” advanced technology not only delivers all the best features, it’s designed to be easy-to-view, easy-to-understand and easy-to-operate.

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

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

90 Series™ Blue Universal Single Stage Touchscreen Thermostat

• Digital 7 Day, 5/1/1 Day Programmable or Non-Programmable • Hardwired or Battery Powered

Programming

Universal – choice of 7 day, 5/1/1 day programmable or non-programmable (installer selectable)

4 times 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, for all single stage applications (installer selectable)

Selectable Energy Management Recovery

Meets ENERGY STAR® specifications

Meets California Building Code, Title 24

Fast (FA) or slow (SL) heating cycle anticipation

Easy-to-wire terminal block

B & O terminals

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

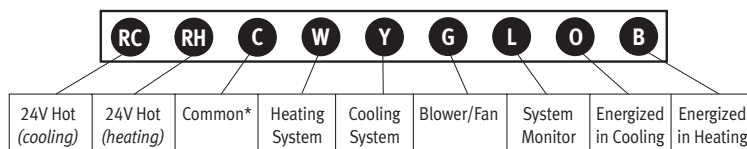
Furnace filter change reminder

Humidifier pad change reminder

Maintains room temperature to within +/- 1°

Room temperature display can be recalibrated up to +/- 4°

Terminal Designations – Terminal Block Wire Connection



*Optional – for hardwired applications

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

1.0 Amp (load per terminal)

1.5 Amps maximum load (all terminals combined)

Standard Systems

Single Stage gas, oil, electric

Single Stage heat pump

Millivolt Systems

Accessories

Wall Plate F61-2600 (8.10"W x 5.36"H)

Thermostat Guard F29-0227

(For additional guard options refer to White-Rodgers catalog at www.white-rodgers.com)

For Additional Information

Visit www.white-rodgers.com

System/Stages			Program	Model	Application			Humidity Control		Performance Features				Comfort & Convenience					
Single Stage	Multi-Stage	Heat Pump	Program Days	Model Number	Gas/Oil/Electric	Millivolt	Power Source	Humidify	Dehumidify	Auto Changeover	Energy Management Recovery	Programmable Fan	Keypad Lockout	Indoor Remote Sensor	Outdoor Remote Sensor	Energy Star	Lighted Display	Lighted Keypad	Memory Type
1/1		1/1	7, 5/1/1, 0	1F97-1271	Yes	Yes	B/H			Yes	Yes		Yes			Yes	Yes	Yes	Permanent

B=Battery H=Hardwired (Requires Common)