

2" Display

# BLUE™ EASY SET™ Thermostats

## Single Stage / Heat Pump Applications

Non-Programmable with 3 Temperature Presets: Home – Sleep – Away

Dual Powered – Hardwired or Battery Powered



**1F89EZ-0251** 2H/1C

Heat Pump  
Non-Programmable  
3 Temperature Pre-Sets

**1F86EZ-0251** 1H/1C

Single Stage  
Non-Programmable  
3 Temperature Pre-Sets

- Easy-to-Read 2-Square-Inch Blue™ Display
- Easy Push-Connect Color-Coded Terminals
- Exclusive Sleep Timer



**5-Year Warranty**

## The Perfect Temperature with Just One Touch!

Now, your favorite temperature settings are at your finger tips.

## 3 Simple Pre-Sets



**Just Press the Button and Go!**

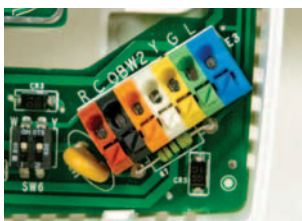
White  
Rodgers™

**EMERSON™**  
Climate Technologies

Single Stage and Heat Pump Applications  
Non-Programmable with 3 Temperature Pre-Sets  
Dual Powered – Hardwired or Battery Powered

### 2" Blue™ Features

- 2-square-inch Blue™ display with easy-to-see characters
- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
- Long battery life – uses 2 “AA” alkaline batteries (included)
- Battery power monitor
- Exclusive sleep timer
- 5-year warranty



Easy push-connect color-coded terminals

### Display

- Easy-to-read LCD with improved contrast
- Lighted display for easier low-light viewing

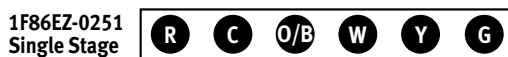
### Comfort & Convenience

- Permanent pre-set retention during power loss
- Permanent Hold
- Simple “setup” menu to activate optional features
- Temporary sleep timer
- Soft-touch keypad
- Display temperature recalibration (+/- 4°)
- Easy access battery compartment

### Performance

- Dual-Powered...choice of battery-powered or hardwired, for all applications
- Fast (FA) or slow (SL) heating cycle anticipation
- Easy-to-wire push-connect color coded terminals
- Compressor lockout protection
- Millivolt compatible
- Electric heat option

### Terminal Designations – Terminal Block Wire Connection



### Dimensions

4.8"W x 3.8"H x 1.5"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

Gas, Oil, Electric

Single Stage/Heat Pump

Millivolt Systems

### Thermal Specifications

Setpoint Temperature Range:  
45° to 90° F (7° to 32° C)

Blue™ 2" Series Rated  
Differential: 0.6° to 1.7° 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)

### Accessories

Wall Plate F61-2634 (6.5"W x 5"H)

Thermostat Guard F29-0231

(For additional guard options refer to White-Rodgers catalog at [www.white-roddgers.com](http://www.white-roddgers.com))

### For Additional Information

Visit [www.white-roddgers.com](http://www.white-roddgers.com)

Single Stage	Multi-Stage	Heat Pump	Programs	Model	Applications	Selectable Performance Features										Comfort and Convenience Features					Terminals					
Stages Heat/Cool by System			Program Options	Model Number	Gas/Oil/Electric	Comfort Alert	3 Wire Zone	Millivolt	Power Source	Auto Changeover	Programmable Fan	Energy Mgt. Recovery	Energy Star	Dual Fuel Option	Temperature Limits	Indoor Remote Sensor	Outdoor Remote Sensor	Display Size Square Inches	Lighted Display	Audible Feedback	Alkaline Battery Life (in years)	Cool Savings™	Daylight Savings Adjustment	Ignition Module Reset	Permanent Memory	
		2/1	0†	1F89EZ-0251	✓			✓	B, H*									2.0	✓***	2+**	✓		✓	✓	R, C, O/B, W2, Y, G, L	
1/1		1/1	0†	1F86EZ-0251	✓			✓	B, H*									2.0	✓***	2+**	✓		✓	✓	R, C, O/B, W, Y, G	

† 3 Temperature Pre-Sets \*B, H = Battery or Hardwired \*\* Recommended Battery Change Interval Is Once per Year \*\*\* Optional Continuous Display Light w/Hardwire Connection