

# BLUE™ 2" Thermostats

2-square-inch display

## Single Stage / Heat Pump Applications

Non-Programmable, Programmable 5+1+1 Day or 24-Hour

Dual Powered – Hardwired or Battery Powered

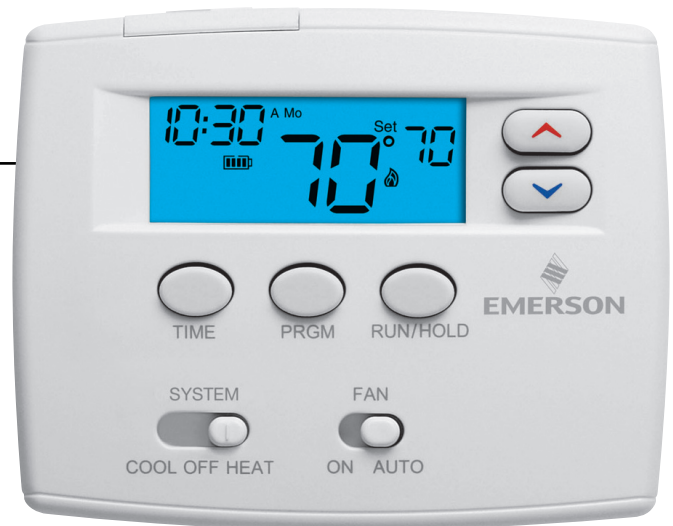


### PROGRAMMABLE MODELS

**1F82-0261** 2/1 HP 5+1+1 Day

**1F80-0261** 1/1 SS 5+1+1 Day

**1F80-0224** 1/1 SS 24-Hour

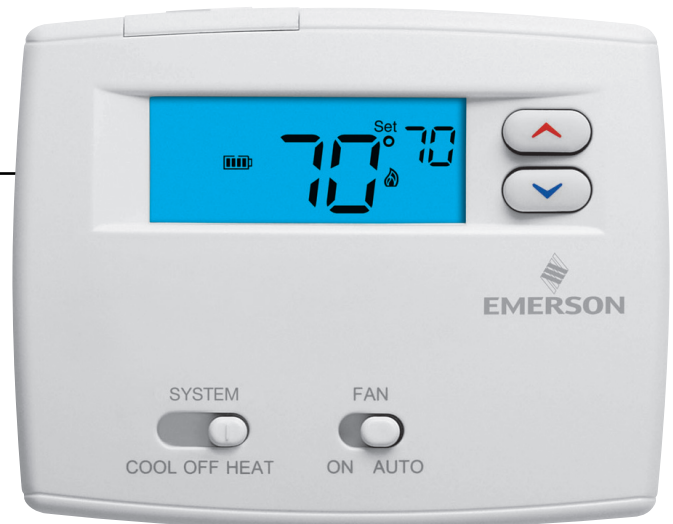


Programmable

### NON-PROGRAMMABLE MODELS

**1F89-0211** 2/1 HP ∅ Day

**1F86-0244** 1/1 SS ∅ Day



Non-Programmable

- Easy-to-Read 2-Square-Inch Blue™ Display
- Exclusive – Easy Push-Connect Color-Coded Terminals
- All Models are Dual Powered

**5-Year Warranty**

White  
Rodgers™

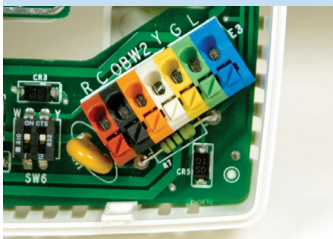
**EMERSON™**  
Climate Technologies

# BLUE™ 2" Thermostats

- For Single Stage and Heat Pump Systems
- 5+1+1 Day or 24-Hour Programmable or Non-Programmable
- Hardwired or Battery Powered

## Exclusive 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)
- Exclusive battery power monitor
- 5-year warranty



Easy push-connect color-coded terminals

## Programmable Models

- Choice of programmable models in 5/1/1 day or 24-hour programmable models
- 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

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

## Comfort & Convenience

- Permanent program retention during power loss
- Setpoint Hold
- Simple “setup” menu to activate optional features
- Temporary temperature override two-hour minimum or until next program period (1F82-0261, 1F80-0261, 1F80-0224)
- Soft-touch keypad
- Display temperature recalibration (+/- 4°)
- Easy access battery compartment

## Performance

- Dual-Powered...choice of battery-powered or hardwired, for all applications
- Selectable Energy Management Recovery (1F82-0261, 1F80-0261, 1F80-0224)
- Fast (FA) or slow (SL) heating cycle anticipation
- Easy-to-wire push-connect color coded terminals
- Compressor lockout protection
- Millivolt compatible
- Electric heat option

## 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-rodders.com](http://www.white-rodders.com))

## For Additional Information

Visit [www.white-rodders.com](http://www.white-rodders.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	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	5+1+1	1F82-0261	✓		✓	B,H*		✓					2.0	✓***	2+**	✓		✓	✓		R, C, Y, W2, G, O/B, L
1/1		1/1	5+1+1	1F80-0261	✓		✓	B,H*		✓					2.0	✓***	2+**	✓		✓	✓		R, C, Y, W, G, O/B
1/1		1/1	24-Hour	1F80-0224	✓		✓	B,H*		✓					2.0	✓***	2+**	✓		✓	✓		R, C, Y, W, G, O/B
		2/1	∅	1F89-0211	✓		✓	B,H*							2.0	✓***	2+**	✓		✓	✓		R, C, Y, W2, G, O/B, L
1/1		1/1	∅	1F86-0244	✓		✓	B,H*							2.0	✓***	2+**	✓		✓	✓		R, C, Y, W, G, O/B

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